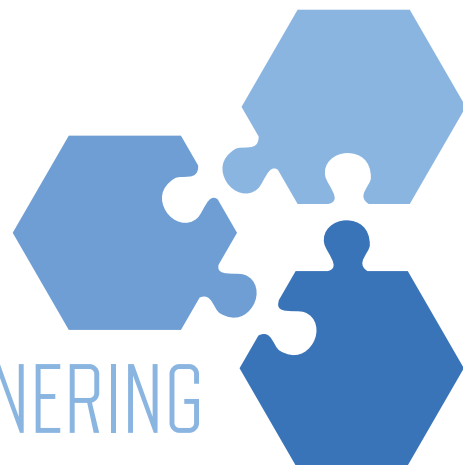


EUROPEAN CHEMISTRY PARTNERING



2nd European Chemistry Partnering

23 February 2018, Frankfurt, Germany

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2nd European European Chemistry Partnering

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for tomorrow's industry



KEY NOTE

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MEDIA PARTNERS



Welcome

DEAR FRIENDS OF CHEMICAL INNOVATION,...

Chemistry makes the world go around! I said this last year when I opened the first European Chemistry Partnering. And? Nothing has changed. I am convinced that this statement will be valid forever.

Make no mistake: There is more than Chemistry: We are also talking about value chains. Our wealth and health is dependent on products. And 97 per cent of the products around us contain at least one chemical production step.

It is interesting to observe how things like digitization or industrial biotechnology are changing our chemical value chains dramatically. Consider for a moment renewable resources, new substances and materials, new methods, better processes and apparatus from chemistry and nanotechnology not forgetting big data and design of experiments ... all these aspects, technologies and trends influence the way we live – in a very positive way.

Welcome World!

Yes, the ECP has “Europe” in its name: Europe has been a central melting pot of chemistry and the chemical industry for more than two centuries. However, this is not a limitation: Everybody is invited to attend the NEW market place: The European Chemistry Partnering.

We have guests from China, India, Israel, Japan, Jordan, the United Arab Emirates and the United States with us at this 2nd European Chemistry Partnering here in Frankfurt to make business friends with guests from Austria, Belgium, Croatia, Denmark, England, Finland, France, Germany, Hungary, Iceland, Italy, Latvia, Lithuania, The Netherlands, Poland, Portugal, Romania, The Russian Federation, Scotland, Spain, Switzerland and Turkey.

Guests from 29 nations are participating giving the PARTNERING a true spirit of internationality and innovative power.

I am so proud that you all are here. A very big Thank You to all of you for coming today.



Dr. Holger Bengs,
CEO of BCNP Consultants GmbH,
is initiator of the
European Chemistry Partnering.

Today is your Day

Now it's time for business. Take full advantage of the productive opportunity this day offers.

Find network partners and make international business friends, across borders, across regions, across cultures, genders and generations, and come together with people from other backgrounds and disciplines.

Of all the very, very positive testimonials about 1st European Chemistry Partnering I particularly liked the one from Max Fuhr of the Chemiepark Bitterfeld-Wolfen. He said “Probably the most productive day of the year!”

What a compliment for everybody.

Realize your Chances. Go for Gold. This is YOUR day.

Holger Bengs

PS: **Save the date:** Please come back on the 26 February 2019 for the 3rd European Chemistry Partnering www.ecp2019.com

Agenda

9.00	Registration incl. Onsite Registration					
10.00	Welcome Dr. Holger Bengs, BCNP Consultants GmbH Initiator of European Chemistry Partnering					
10.15	Key Note Marius Rosenberg, Founder & CEO, Adhesys Medical GmbH „The founder story of Adhesys Medical - bringing chemistry into life-sciences.“					
10.55	Introduction: Pitches. Partnering. Logistics. Tobias Kirchhoff, BCNP Consultants GmbH					
11.00	Parallel start of Pitches & Partnerings Schedule for Pitches 6 minutes or 12 minutes, respectively Schedule for Partnering 20 minutes	Pitch Room Plateau, Level 1	Pitch Room Solar, Level 1	Pitch Room Satellit, Level 1	Partnering, Level 2	Exhibition, Level 1 & 2
17.00	Closing Session Moderator Dr. David Eckensberger, Director Industrial Technologies, from Diamond Sponsor Hessen Trade & Invest GmbH Panelists Dr. Michael Brandkamp, CEO of High-Tech Gründerfonds Management GmbH, Germany N.N. N.N.					
17.20	Final Remarks Dr. Holger Bengs and Dr. Paolo Bavaj, Head of Corporate Venturing, Henkel Adhesive Technologies, Henkel AG & Co. KGaA, Germany					
17.22	Get Together					
19.33	End					

Pitch Schedule – Room Plateau, Level 1



Time	Category	Sub-Category	Company
11:06	New materials and nanomaterials	Bio Materials, Lubricants	Terralub GmbH
11:12	New materials and nanomaterials	Flame Retardants	Ecoatech GmbH
11:18	New materials and nanomaterials	Bibased polymers	AEP Polymers S.r.l.
11:24	New materials and nanomaterials	Pharmaceutical packaging	TOPAS Advanced Polymers GmbH
11:30	New materials and nanomaterials	Polymeric materials	Polymaterials AG
11:36	New materials and nanomaterials	Construction materials	Sinnotec GmbH
11:42	New materials and nanomaterials	Functional Molecular Coatings	SuSoS AG
11:48	New materials and nanomaterials	Graphene-based solutions	Graphenest, S.A.
11:54	New materials and nanomaterials	nano by nature	JenaCell GmbH
12:00	New materials and nanomaterials	Smart physical cleaning	Intelligent Fluids GmbH
12:06	New materials and nanomaterials	Hydrogel-Hybrid-Material	Geohumus GmbH
12:12	New materials and nanomaterials	Nanoparticles, drug delivery	DendroPharm GmbH
12:18	New materials and nanomaterials	Marine sponges	BromMarin GmbH
12:24	New materials and nanomaterials	Life Science Polymers	NP Life Science Technologies KG
12:30	New materials and nanomaterials	Graphene	The Sixth Element (Changzhou) Material Technology Co, Ltd
12:36	Catalysis and enzymes	Metathesis, catalysis	Apeiron Synthesis S.A
12:42	Catalysis and enzymes	Catalysts, advancedmaterials	Catalyco SIA
12:48	Technology and hardware	Cell Screening	Aquarray
12:54	Catalysis and enzymes	Biocatalysis, Screening	Autodisplay Biotech GmbH
13:00	Lunch Break		
14:12	Lunch Break - End		
14:12	Catalysis and enzymes	Biocatalysis	Enzymicals AG
14:18	Catalysis and enzymes	empowered enzymes	INOFEA AG
14:24	Catalysis and enzymes	Biocatalysis	Metgen OY
14:30	Catalysis and enzymes	Antimicrobial surfaces	Munditia Technologies GmbH
14:36	Catalysis and enzymes	Enzyme engineering	SeSaM-Biotech GmbH
14:42	Catalysis and enzymes	Heterogeneous electrochemical catalysts	Atmonia ehf.
14:48	Fine Chemical and Special Chemicals	FLAVOR-ON-DEMAND	4GENE GmbH
14:54	Fine Chemical and Special Chemicals	Bioeconomy Solutions	Brain AG
15:00	Fine Chemical and Special Chemicals	Bioeconomy Solutions	Brain AG
15:06	Fine Chemical and Special Chemicals	Bio based chemicals	PolyLabs SIA
15:12	Fine Chemical and Special Chemicals	Chemistry CRO/CMO	Taros Chemicals GmbH & Co. KG
15:18	Fine Chemical and Special Chemicals	Flow Chemistry CMO	Buchem B.V.
15:24	Technology and hardware	Biotechnology Pilot Plant	Bio Base Europe Pilot Plant
15:30	Technology and hardware	Workflow Automation	Unchained Labs
15:36	Technology and hardware	Microalgae, CO2, Biomass	CellDEG GmbH
15:42	Technology and hardware	Nanoparticles, fine emulsions	Nanosaar AG
15:48	Technology and hardware	Microstructured reactors	IneraTec GmbH
15:54	Technology and hardware	Peptide, peptide synthesis	Sulfotools GmbH
16:00	Technology and hardware	Photo Chemistry Reactors	Biospec GmbH
16:06	Technology and hardware	N.N	EVOLED SIA
16:12	Technology and hardware	nanoparticles	Intrapore GmbH
16:18	Technology and hardware	Circular economy	LXP Group GmbH
16:24	Technology and hardware	Plants- and Test Systems	MK-Versuchsanlagen
16:30	Technology and hardware	NEW Microbial selection	Syngulon SA
16:36	Technology and hardware	Indium	RMF, Resource technology and Metalprocessing Freiberg
16:42	Technology and hardware	Fermentation processes	Biosyntia ApS
16:48	Technology and hardware	Heating, Tempering	watttron GmbH

Pitch Schedule – Room Solar, Level 1

Time	Category	Subcategory	Company
11:06	Fine Chemical and Special Chemicals	GlycoActives	Glyconics GmbH i.G.
11:12	Catalysis and enzymes	Transglutaminase enzymes	Stabizym GmbH
11:18	Technology and hardware	Chemical technology	PARFORCE Engineering & Consulting GmbH
11:24	New materials and nanomaterials	Biomaterials, Tissue Culture, Stem Cell Culture	denovoMATRIX
11:30	Catalysis and enzymes	Colloidal Nanoparticles	Co4CAt
11:36	Catalysis and enzymes	Enzymes, Oligosaccharides	aspratis
11:42	New materials and nanomaterials	Nanoparticle, analysis	NanoLockin GmbH
11:48	Technology and hardware	N.N.	Silicio biotechnologijos UAB
11:54	Technology and hardware	Synthetic Antibodies	Clickmer System
12:00	New materials and nanomaterials	nanomaterials	key coating
12:06	Analytics	Crystallization, X-ray structure	Crystallise AG
12:12	Analytics	Lipid Analysis, Lipidomics	Lipotype GmbH
12:18	Analytics	Noval DNA Technologies	BioEcho Life Sciences GmbH
12:24	Analytics	Sensor technologies	Plasmion GmbH
12:30	Analytics	Big data and Digitalization	DataHow AG
12:36	Analytics	Spray Analysis & Monitoring	AOM-Systems GmbH
12:42	Fine Chemical and Special Chemicals	Peptides	NUMAFERM GmbH
12:48	Fine Chemical and Special Chemicals	Critical Raw Materials	XENOPS CHEMICALS GmbH & Co. KG
12:54	Technology and hardware	Industrial Biotechnology	Ingenza Ltd
13:00	Lunch Break		
14:12	Lunch Break - End		
14:12	Digitalization	Industry 4.0	rise technologies GmbH
14:18	Digitalization	B2B online-marketplace chemicals	ChemSquare GmbH
14:24	Digitalization	Digitization of R&D	Nanomatch GmbH
14:30	Digitalization	Research Data Management	Signals GmbH & Co. KG
14:36	Digitalization	BigData	SL Tech2 GmbH
14:42	Digitalization	Digitalization	Tagxter UG (haftungsbeschränkt)
14:48	Digitalization	Online-Platform	chembid GmbH & Co. KG
14:54	Digitalization	Chemicals e-commerce	PINPOOLS GmbH
15:00	Digitalization	Digital operations	Gemsotec, bvba
15:06	Digitalization	Digitization in Chemistry	Kemialytics GmbH
15:12	Digitalization	Automated cell-based assays	CellShare
15:18	Digitalization	Virtual Reality-Based Therapeutic Device	Sensopine GmbH
15:24	Digitalization	Digital Health, mHealth	TherapyGuide GmbH
15:30	Digitalization	Digital Twin, Indoor Navigation	n-kubus e.K.
15:36	Technology and hardware	Biological Binders, Biocement	Dust BioSolutions GmbH
15:42	Technology and hardware	industrial biotechnology	Bioprocess Pilot Facility B.V.
15:48	Technology and hardware	Chemical peptide purification	Belyntic
15:54	Contract R&D and services	molecular level R&D, reactions and materials	CreativeQuantum GmbH
16:00	Contract R&D and services	Natural Product Chemistry	Analyticon Discovery GmbH
16:06	Contract R&D and services	Synthetic Chemistry	ASCA GmbH Angewandte Synthesechemie Adlershof
16:12	Contract R&D and services	Materialising Open Innovation	ChiroBlock GmbH
16:18	Contract R&D and services	Invent Improve Implement	InnoSyn B.V.
16:24	Contract R&D and services	Chemical Dev. & Mfg.	Syngene International Limited
16:30	Contract R&D and services	Chemical Dev. & Mfg.	Syngene International Limited
16:36	Contract R&D and services	Modular Process Plant	Zeton BV
16:42	Contract R&D and services	Insights Surface Analysis	Inolytix Ltd.
16:48	Fine Chemical and Special Chemicals	Renewable materials	Innomost Oy

Pitch Schedule – Room Satellit, Level 1

Time	Category	Subcategory	Company
11:06			
11:12			
11:18			
11:24			
11:30			
11:36			
11:42			
11:48			
11:54			
12:00	Accelerators for accelerated Innovation and Disruption in Chemistry		Go Silicon Valley e.V. Hubert A. M. Moik
12:30	Digitalization in the chemical industry		Capgemini Marcel Müller Oliver Pahn
13:00	Lunch Break		
14:12	Lunch Break - End		
14:12			
14:18			
14:24			
14:30	New materials and nanomaterials	Always the right temperature	va-Q-tec AG
14:36	New materials and nanomaterials	Always the right temperature	va-Q-tec AG
14:42	Catalysis and enzymes	Enzymes – Green Energy	Episome Biotechnologies Inc
14:48	Technology and hardware	N.N.	ULM-PEP
14:54	Technology and hardware	Biofuels, Energy storage	Nexxoil GmbH
15:00	Technology and hardware	Bioprinting, Organs-on-a-chip	Black Drop Biodrucker GmbH
15:06	New materials and nanomaterials	Nano-materials	CEN-Mat
15:12	New materials and nanomaterials	composites and coatings	Silana GmbH
15:18	New materials and nanomaterials	Disposable Plates	leaf republic GmbH
15:24	Contract R&D and services	CMO,Fermentation,Enzymes	Corden Biochem GmbH
15:30	Contract R&D and services	Drug Development	myriamed GmbH
15:36	Digitalization	Process simulation	INOSIM Software GmbH
15:42	Digitalization	Circular Economy	Packwise GmbH
15:48	Digitalization	Clever!Lab	ARS GmbH
15:54	Digitalization	Simulation, R&D, AI, Big data	SustAnalyze
16:00			
16:06			
16:12			
16:18			
16:24			
16:30			
16:36			
16:42			
16:48			

  Pre-Seed

Organizational Details

Important and less important things from A to Z

Cloakroom

Our cloakroom will be staffed till the end of the Get together.

First Aid and freshen up

If you need a patch or if you want to fresh yourself up, you can find some items in the restrooms.

Internet

There is free WiFi on all levels, so that you can check emails or your trip back home.

Power (Adapter)

If you need to charge your laptop or mobile phone you can find power sockets at the registration desk. The ECP conference team will take care of your device while charging. There are also Adapter for US and UK.

Smoking Area

There are two Smoking Areas:

1. On Level 4 on the terrace
2. On Level 0 in front of the building

Social Media

Follow us on Twitter @EuChemPa
use the hashtag #ecp_18 to tweet about the event.

And don't forget to like our facebook page: www.fb.me/euchempa

Taxi

There is a taxi rank if you leave the venue building to your right. There should be taxis all the time. If you want to play safe, please call +49 69 23 00 01 and order your own taxi.

#ecp_18

is the official
hashtag on Twitter



Pitches Organization

6 Minutes

The company pitches will last 6 minutes including preparation time.
There are a few number of 12 minutes pitches for more mature companies.

Card, Yellow

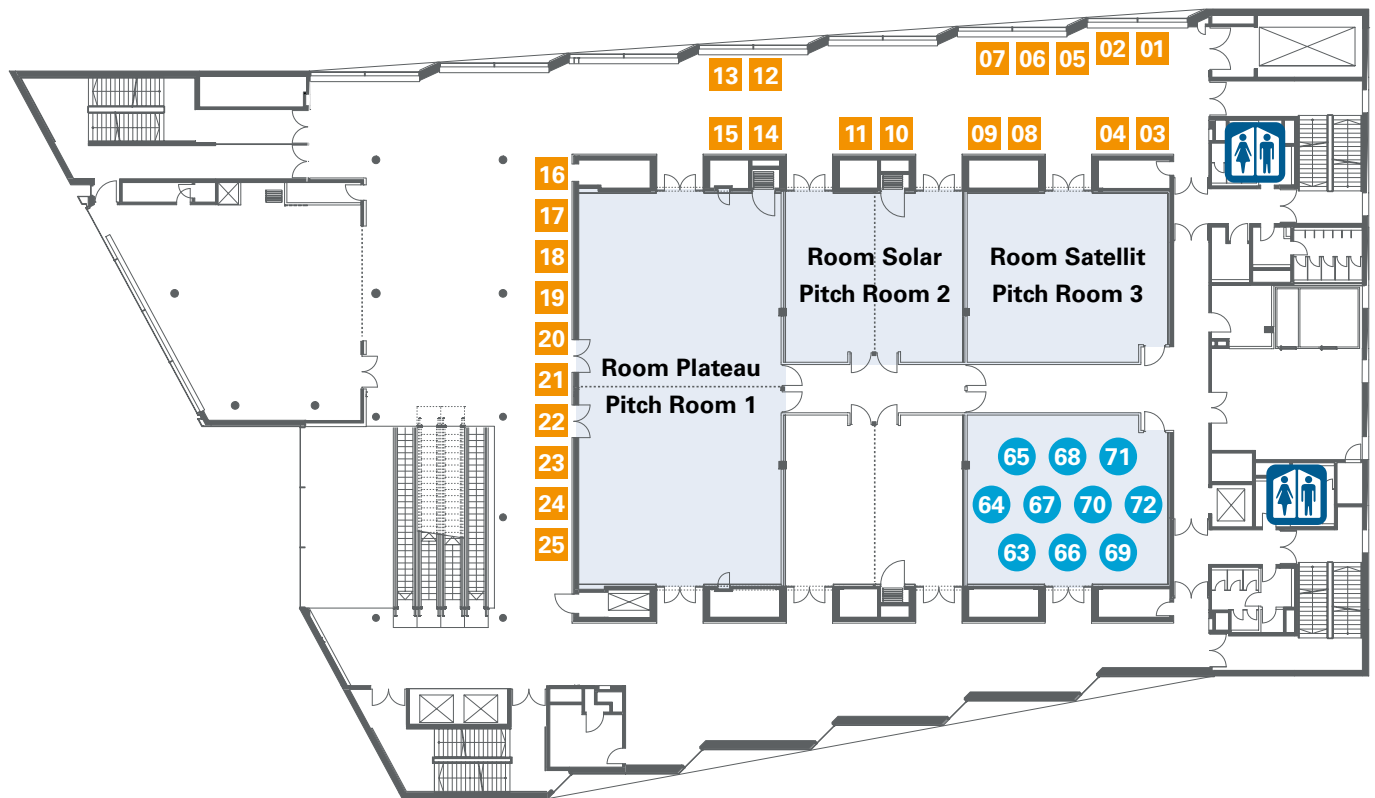
With one minute left the moderator will raise the yellow card.

Speaker's Corner

You can find here presenting companies right after their pitches.

Floor Plans

Level 1: Pitch & Exhibition Area



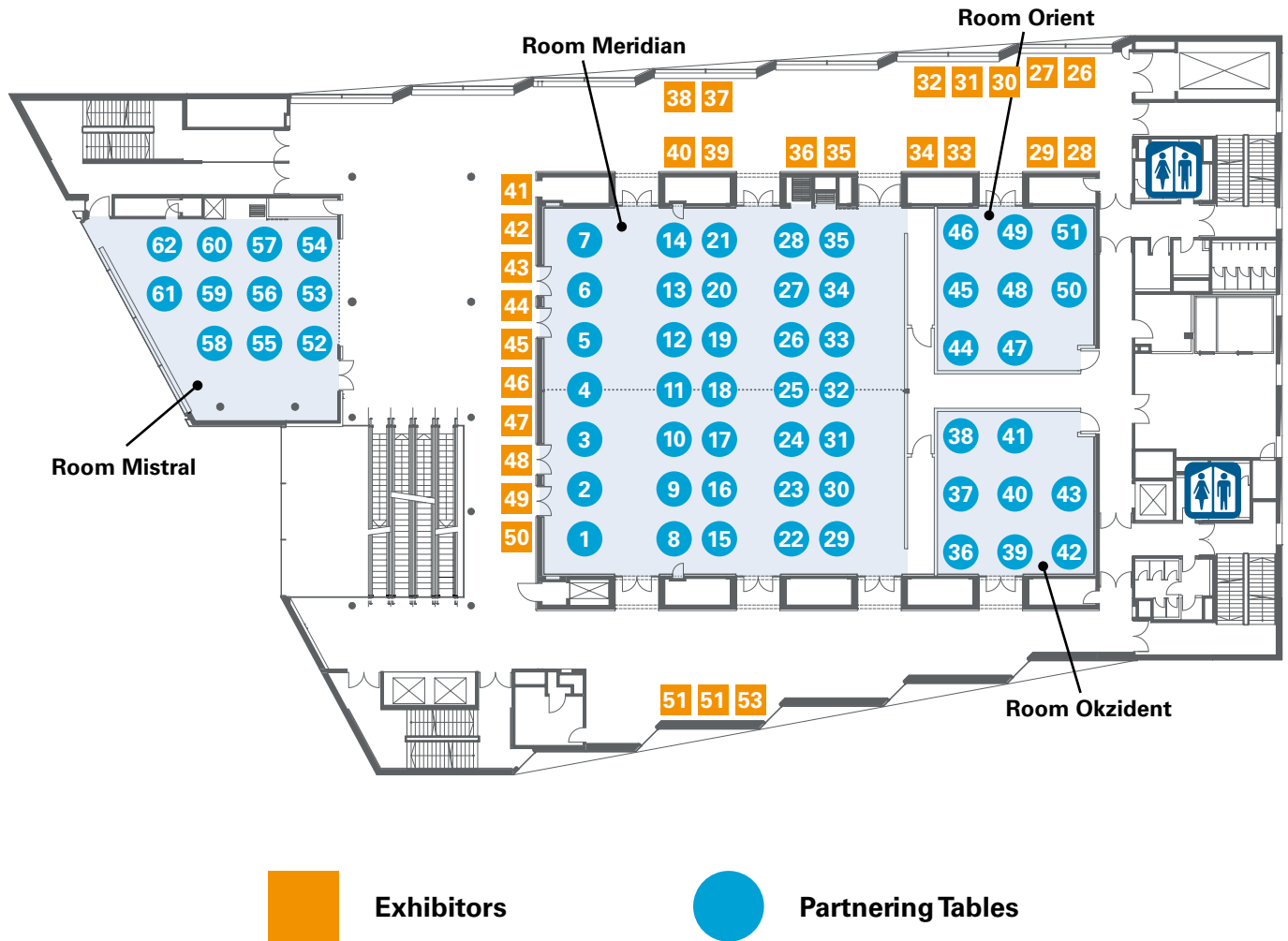
Exhibitors



Partnering Tables

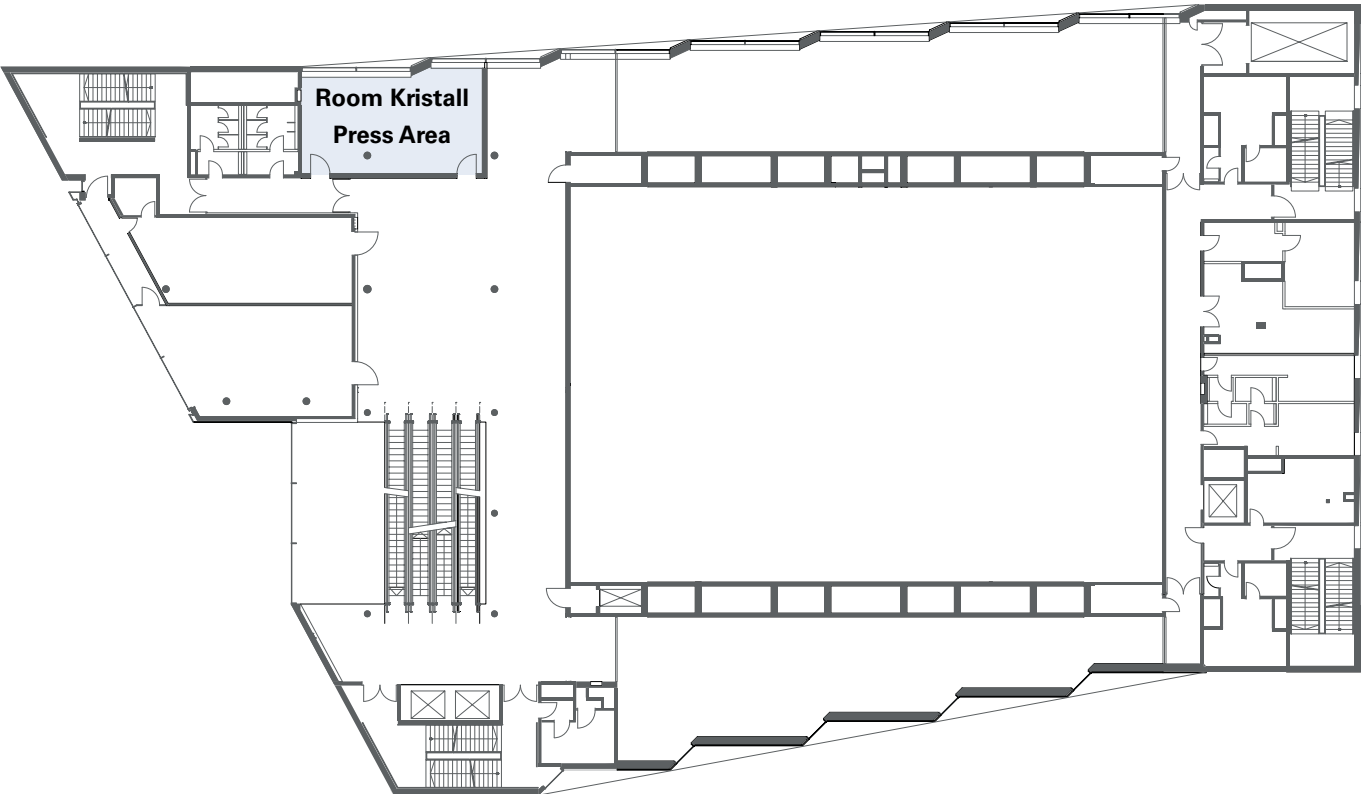
Booth	Company	Booth	Company
01	Brightlands Innovation Factory BV	14	DataHow AG
02	SL Tech2 GmbH	15	Smallmatek Lda
03	Science4Life e.V.	16	TCI Deutschland GmbH
04	Nano-Join GmbH	17	Graphenest, S.A.
05	ARS Computer und Consulting GmbH	18	Zeton BV
06	BVMW - Bundesverband mittelständische Wirtschaft, Unternehmerverband Deutschlands e.V.	19	ChemiePark Bitterfeld-Wolfen GmbH
07	ENTEX Rust & Mitschke GmbH	20	Taros Chemicals GmbH & Co. KG
08	Flanders Biobased Valley	21	Atmonia ehf.
09	LXP Group GmbH	22	Verhaert New Products and Services NV
10	ASCA GmbH Angewandte Synthesechemie Adlershof	23	PINPOOLS GmbH
11	Bio Base Europe Pilot Plant	24	CellIDEG GmbH
12	crm Partners AG	25	Eurideas Language Experts
13	RIKEN KEIKI GmbH		

Level 2: Partnering & Exhibition Area

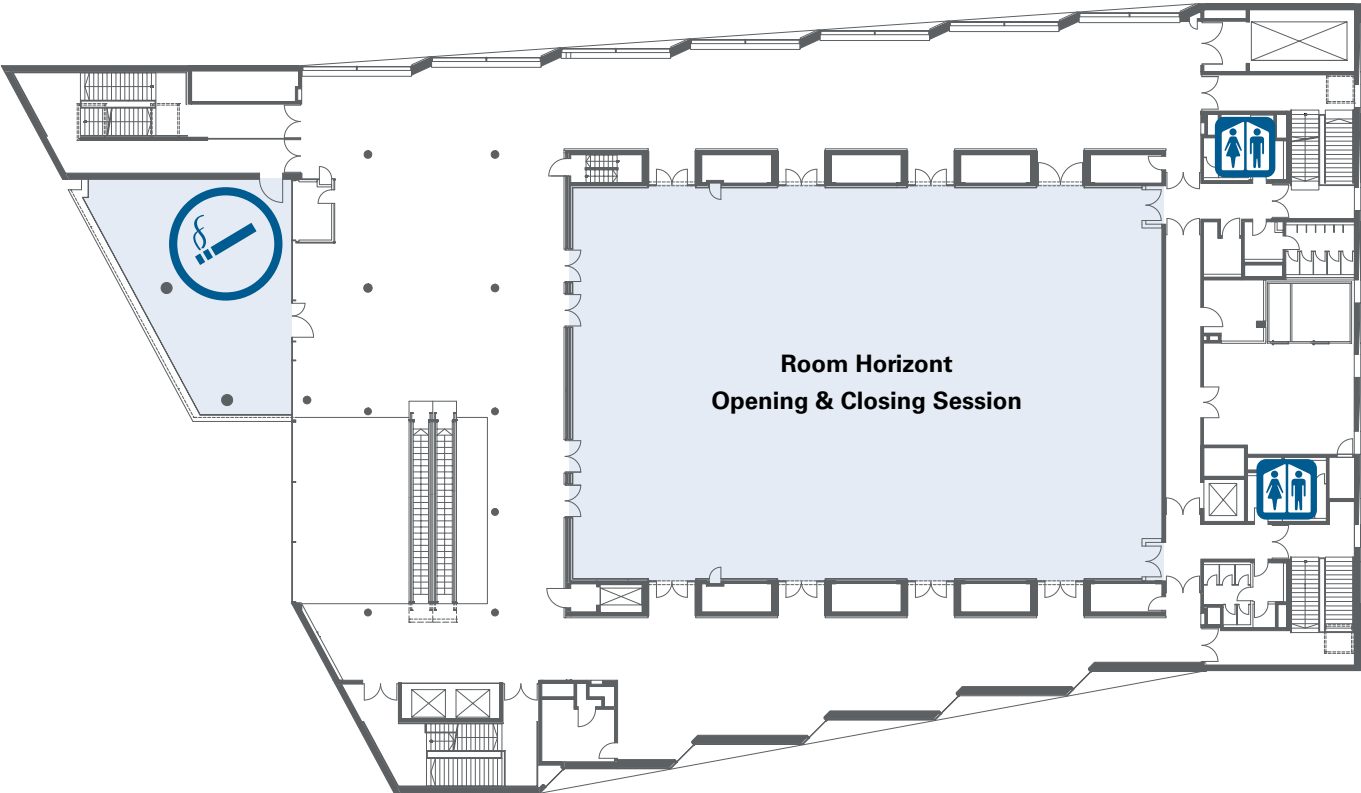


Booth	Company	Booth	Company
26	chem2biz	40	chembid GmbH & Co. KG
27	Plasmion GmbH	41	Flanders Investment & Trade
28	myriamed GmbH	42	SuSoS AG
29	leaf republic GmbH	43	ChiroBlock GmbH
30	CFM Oskar Tropitzsch e.K.	44	Flemish Institute of Technology VITO NV
31	WeSustain GmbH	45	Biospec GmbH
32	Isle Utilities BV	46	rise technologies GmbH
33	EXPERTANTS by IBD	47	BRAIN AG
34	watttron GmbH	48	MK-Versuchsanlagen und Laborbedarf
35	ChemCon GmbH	49	Munditia Technologies GmbH
36	Inolytix AG	50	Hulteberg Chemistry & Engineering AB
37	The Sixth Element (Changzhou) Material Technology Co, Ltd	51	House of Pharma e.V.
38	UAB "Silicio biotechnolgoies"	52	Gesellschaft Deutscher Chemiker e.V.
39	AnalytiCon Discovery GmbH	53	BCNP Consultants GmbH

Level 3: Press Area



Level 4: Opening & Closing Session



Key Note Speaker

MARIUS ROSENBERG, ADHESYS MEDICAL GMBH

Marius Rosenberg is Co-Founder and Managing Director of Adhesys Medical, a high-tech medical device startup with offices in Houston, Texas and Aachen, Germany. Based on the patent-protected technology platform, the company develops high-strength biodegradable surgical adhesives that can be used on the skin and inside the body. Since April 2017, Adhesys Medical is a wholly-owned subsidiary of the German pharmaceutical company Grünenthal Group.

Marius has co-founded other tech startups and is a business angel investor in the high-tech and life science space. Prior to that, Marius has worked as a strategy consultant for The Boston Consulting Group. He studied Business Administration at the WHU – Otto Beisheim School of Management and is a PhD candidate at the RWTH Center for Entrepreneurship. Marius has co-authored several scientific articles on Industry 4.0 and entrepreneurship topics. Father of two small children, he lives in his hometown Düsseldorf.



Marius Rosenberg, Adhesys Medical GmbH
Managing Director and Co-Founder

ECP-Friends

"I felt at home"

...

**that is what Daniela Ribezzo said last year about the 1st
European Chemistry Partnering.**

**Organizer Holger Bengs and his team did their best to enable
people to find each other and to do business.**

**This year there are much more companies and much more
participants at the 2nd European Chemistry Partnering.**

**So you can feel at home among a whole group of friends – and
what's more Holger has also asked some friends to help him
to bring people together.**

Lets' go !

**Feel free to talk to Karin Cabrera, Julia Schüler, Claus Nielutz
and Matthias Poschmann about any of the different topics
shown on the display or here in their profiles.**

**You will easily recognize the four of them – they will be
wearing yellow ties and scarves.**

DR. KARIN CABRERA

Dr. Karin Cabrera has been active in the chemical and pharmaceutical industry for nearly 30 years. Here she developed profound knowledge in the R&D of innovative products working as a product manager and head of R&D. Dr. Cabrera is an international expert in chromatography who holds 30 patents and has received several awards for her developments, including the PittCon Gold Medal for the best new product of 2001.

Dr. Cabrera studied chemistry at the university of Hamburg and spent four years at the Weizmann Institute of Science (Rehovot, Israel) as a visiting scientist.

Topics:

- Analytics and chromatography
- Patents and licenses
- Equipment and accessory manufacturers



CLAUS H. NIELUTZ



Claus Nielutz has worked in the Chemical and Life Science Industry in China and Europe for more than 20 years. He studied East-Asian-Economies in Germany and China, serving Multinational distribution and production companies as Senior Executive. He is currently the Managing Director, Europe for a Chinese Bio-Pharmaceutical Producer.

In addition to his extensive expertise in due diligence, business development and sales, supporting a Private Equity in Asia, Mr. Nielutz is a current Jury Member of Science4Life, in Frankfurt am Main, a Member of the Biotechnologie Cluster, BioRiver, in NRW (North Rhine-Westphalia), and the German-Chinese-Business Association, DCW, in Cologne.

Topics:

- Pharmaceutical Development
- Sales and growth
- International: China

MATTHIAS POSCHMANN



Matthias Poschmann has worked in the plastics industry in Germany and Europe for more than 30 years. He started his entrepreneurial career with the takeover of a small plastics company in 1983. During the following years he founded more than 30 companies in the plastics and electronics / electrical businesses in Germany and different European countries. Thus he has gained extensive experience in all important issues related to Start-ups and SMEs.

Topics:

- Plastics & composites
- Foundation & Company Building
- SME networks

DR. JULIA SCHÜLER

Julia Schüler has focussed on analyzing and assessing developments in the biotechnology industry for more than 20 years. She studied biology and finished her master thesis on protein engineering at the former Hoechst AG, followed by post-graduate studies in business administration. Her PhD, which she gained at the University of Erlangen-Nuremberg, was entitled "Strategic technology management in the biotechnology industry". In addition to working as a freelance analyst and consultant for several clients Dr. Schüler spent nearly 10 years with EY / Ernst & Young. She taught biotechnology master students in business administration at the University of Applied Sciences Mannheim. In addition, her current interests include communications / public relations, competitive intelligence, health technology assessment and pharmaceutical market access.

Topics:

- Biotechnology
- Communication & Public Relations
- Biotech and pharmaceutical networks



Pitching company profiles

4GENE

Name 4GENE GmbH
Address Gröppenstraße 3
Postal Code/City 85465 Langenpreising
Country Germany
Phone +49 157 84914111
Email heimo.adamski@4gene.de
Skype -
Website www.4gene.de



Heimo Adamski
Managing Director

WE ARE OFFERING

4GENE offers the largest and most unique portfolio of glycosylated flavor and fragrance precursors to its customers worldwide. Our product portfolio today includes 24 of the most common flavor and fragrance molecules today and is constantly growing. Our products are all natural and the components are certified for use in food and cosmetics today

WE ARE LOOKING FOR

We are looking forward to cooperate with manufacturers of consumer goods to develop NEW EFFECT products with extended functionalities for an unprecedented user experience in flavor and fragrance use. We help to provide customers with products that create a new breed of product experiences.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

From simple product supply for production to joint application development we support our customers all the way through the process. For Laboratories we offer our products as analytical standards and reference material. If you own aroma molecules that you want to apply the 4GENE technology to, we can easily screen them to find a feasible solution based on our proprietary Aglycon Library Platform. 4GENE products are unique, available today and can be used economically in consumer goods for the first time.

TECHNOLOGY / PATENTS

The 4GENE Technology Platform which is based on 4 filed patents enables us to work with small and large customers at the same time. We have developed the biotechnical production process to produce up to kg scale of our products today with increased production quantities to follow soon.

HISTORY / ASSETS / AWARDS / SPECIALS

4GENE is the Winner of the ACHEMA Gründerpreis 2015 in the Industrial Biotechnology Category, we are a Spin-Off from the Technical University Munich, previously funded by BMWi via EXIST program.



Name AEP Polymers Srl.
Address SS 14, km163.5
Postal Code/City 34149 Trieste
Country Italy
Phone +39 0403757625
Email Elena.benedetti@aep polymers.com
Skype Elena Benedetti_AEP
Website www.aep polymers.com

Mrs Benedetti Elena
Product Application Director

WE ARE OFFERING

AEP Polymers develops new biobased polymers and building blocks, starting from byproducts of the agro-food and forestry industries. The derivatives are used in epoxy and polyurethanes industry.

WE ARE LOOKING FOR

We look for partners such as chemical companies that need tailor-made biobased building blocks and polymers or companies in the forestry and agro-food sectors looking for valorization of byproducts.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Development of new biobased aromatic epoxy hardeners, epoxy modifiers and epoxy formulations. Biobased polyols for polyurethane foams, elastomers and adhesives.

Evaluation of the opportunity for valorization biobased byproducts and polymers in epoxy, polyurethanes and other thermosetting materials

TECHNOLOGY / PATENTS

AEP develops products and technology in collaboration with industrial partners or on commission for third parties, mainly involving chemistry of biobased polymers for industrial application and product development for composites, coatings, elastomers, adhesives and sealants.

HISTORY / ASSETS / AWARDS / SPECIALS

AEP Polymers has developed a 95% biobased CNSL-derivative that has been used by Punch Powertrain Solar Team (www.solarteam.be) to produce the carbon-reinforced Punch Powertrain Solar Car, that ranked third in the World Solar Challenge (www.solarchallenge.org) from Darwin to Alberta in Australia.



Jens-Peter Müller
Director Business Development & Project Management

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Address Hermannswerder Haus 17
Postal Code/City 14473 Potsdam
Country Germany
Phone +49 331 2300 300
Email j.mueller@ac-discovery.com
Skype -
Website www.ac-discovery.com

WE ARE OFFERING

AnalytiCon Discovery offers a complete Natural Product (NP) drug discovery solution, ranging from biomaterial acquisition, extraction, fermentation and screening to computational and medicinal chemistry, delivering NP-libraries with fully elucidated structures. AnalytiCon's programs and collections of pure NPs (MEGAbolite) as well as of semisynthetic NP-analogues (NatDiverse) enable HT-screening of NPs.

WE ARE LOOKING FOR

We are looking for interesting new partnerships

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

- | | |
|---|-----------------------------|
| Explore what is in your product | Develop your product |
| - Chemodiversity Profiling | - Natural Product Synthesis |
| - MS and NMR Platforms | - Custom Synthesis |
| - High Throughput Structure Elucidation | - Hit Follow-up |

TECHNOLOGY / PATENTS

Our focus is on natural products – that is what AnalytiCon Discovery is all about. In the course of evolution, natural products have been optimized in various ways and for a wide range of biological effects. Hence, AnalytiCon is taking advantage of an opportunity that is already inherent in these small molecule compounds. The company is the globally preferred partner to companies in pharmaceutical, cosmetic, food and agriculture sectors. As a research and development company, we cover the entire spectrum from establishing substance libraries, identifying active ingredients and synthetically optimizing them to production on a commercial scale.

HISTORY / ASSETS / AWARDS / SPECIALS

AnalytiCon Discovery is the world's leading company for natural product-based drug discovery programs. We primarily serve as a partner for preclinical discovery projects from targets to leads. The Company is built on natural product and drug discovery expertise of more than 15 years and has successfully completed collaboration with more than 60 pharmaceutical companies.



Dr. M. Hecker

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WE ARE OFFERING

Lower production costs and / or more detailed knowledge about your process for you – if you run a spray process. Therefore, we offer: Analysis and Quality Monitoring for sprays and particles

WE ARE LOOKING FOR

Clients and application partners

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We offer hardware and services related to spray and particle measurement

TECHNOLOGY / PATENTS

Yes we have Technology and Patents

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 2013 after more than 10 years of research. We have a long list of reference costumers and a well established name in the market.



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Website www.apeiron-synthesis.com

Joanna Drygajło
Sales Manager

WE ARE OFFERING

Apeiron is a chemical company commercializing olefin metathesis, a Nobel prize-winning technology, through development of proprietary catalysts used to reduce costs and energy inputs while streamlining manufacturing processes in the pharma and chemical (polymer, personal care, fragrance) industries.

WE ARE LOOKING FOR

Industrial partners. Companies interested in optimizing their existing processes or/and looking for new products by implementing catalytic olefin metathesis technology.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Apeiron strives to offer the best metathesis catalysts suitable for a given reaction. Moreover we support our customers during the implementation stage to make desired process feasible. For example, one of our big pharma customers has been able to decrease the production costs 18 times for one process by using our catalyst. Our products have already been used by R&D centers in over 50 companies from pharma and chemical sectors and some of the developed processes are in the implementation stages.

TECHNOLOGY / PATENTS

Apeiron has developed a technology platform that consist of a broad portfolio of efficient catalysts that can satisfy nearly any process using olefin metathesis, supportive products, unique know-how and service capabilities to support our customers in industrial implementation. Apeiron owns proprietary technology which is the result of an extensive in-house research program (28 patents granted, 34 pending) as well as external intellectual property licensed from leading industrial and academic partners.

HISTORY / ASSETS / AWARDS / SPECIALS

In 2008 the founding team outperformed more than 550 participants in a multilevel competition and was named a top 9 finalist (and the only team from Europe) in the Intel + UC Berkeley Technology Entrepreneurship Challenge. Apeiron was founded in 2009 and since then the founders have raised over €6,5 million from private and government sources while keeping the majority of the company. The years 2014-16 were successfully spent on scaling up catalyst production from lab-scale to industrial quantities.



Simon Widmaier, PhD
CEO

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Website www.aquarray.com

WE ARE OFFERING

The Droplet Microarray (DMA) is Aquarray's patented technology for cell cultivation, high throughput screening (HTS) and miniaturized biochemical assays in an array format without physical barriers.

WE ARE LOOKING FOR

Partners interested in the integration of the DMA technology for miniaturization of cell based and biochemical screenings. Sales partnerships.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The superhydrophilic / superhydrophobic microarray allows the pipetting free self-organization of thousands of similar nano-droplets of aqueous solutions and cell suspension. Application examples are stem cell research and high-throughput primary cell drug screening, regenerative cell therapy and drug discovery. The benefits are over 99% lower reagent volumes and cell numbers, compatibility with standard staining and fixation protocols, SBS footprint and pipetting/robotics free HT drug screenings.

TECHNOLOGY / PATENTS

The Droplet Microarray technology is subject of six international patents and patent applications.

HISTORY / ASSETS / AWARDS / SPECIALS

Aquarray is a Spin-Off fo Karlsruhe Institute of Technology (KIT).



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Dr. Thorsten Gressling
Business Leader
Cognitive/AI

WE ARE OFFERING

A new type of wet laboratory environment based on artificial intelligence

WE ARE LOOKING FOR

First customers, Venture Capital and Partners

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Clever!Lab is an AI based system that supports the laboratory worker in his daily work to boost productivity and drive innovation. The system is context aware and learns and understands the tasks, processes and safety requirements. It provides the laboratory worker with information and guidance he needs at the right time and the right place. We will show a video of the full working prototype.

TECHNOLOGY / PATENTS

Clever!Lab is based on IBM Watson technology, IBM Watson IoT, Machine Learning and IBM Data Science Experience (DSX). The patent number is 10 2017 126 457.4 since Nov. 2017

HISTORY / ASSETS / AWARDS / SPECIALS

IBM Watson Build Challenge '17: Winner in Germany / European finalist



ASCA GmbH
Angewandte Synthesechemie
Adlershof

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Dr. Christine Wedler
CEO

WE ARE OFFERING

Custom synthesis and research cooperation, development of new synthetic pathways.

WE ARE LOOKING FOR

Research-based pharmaceutical companies, suppliers of fine chemicals and analytical standards, contract research organizations, governmental and private testing laboratories, universities and research institutions, who look out for capacities in advanced organic synthesis.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Reference materials for analytical purposes, such as Pesticide and their metabolites, mycotoxines, API's, sun-blocker and their metabolites. (Both native and labelled)

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 2000 ASCA GmbH is an independent and privately owned laboratory for chemical synthesis. The company is based in Berlin-Adlershof, Germany. A well experienced team of PhD chemists and technicians, 'state-of-the-art'- laboratory facilities, the required analytical methods and literature data bases are available.



Dr. Louis-Philipp Schulte
Co-Founder Business

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WE ARE OFFERING

We have established enzyme and oligosaccharide prototypes for food and feed applications and are currently working on product development. Our competence is the development of innovative enzyme solutions to enable higher resource efficiency and healthier living.

WE ARE LOOKING FOR

We are looking for partners who have customer access and experience in introducing products to the regulated food and feed markets to jointly bring products to the customer. We are open to discussing value added investments to our product portfolio with investors.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Enzymes: 1) improved structure and more volume in rye-based bakery products; 2) improved feed digestibility through thermostable enzymes; Oligosaccharides: 3) process for the production of a novel oligosaccharide by valorizing a plant-based sidestream used as; 3a) prebiotic feed additive, 3b) sweetener, texturizer and fiber for human nutrition.

TECHNOLOGY / PATENTS

We have engineered enzymes, developed our own production strain and established an oligosaccharide production processes. Our enzymes and oligosaccharide production process are covered by four patent applications (priority 2015-2017) all returning no major FtO findings. Further to that we have a pipeline of further enzymes/applications which is fed by our established toolbox of recombinant enzymes.

HISTORY / ASSETS / AWARDS / SPECIALS

Dr. Wolfgang Schwarz, Co-Founder Science, investigated the hydrolysis of plant biomass by bacteria for over 30 years at the Technical University Munich (campus Weihenstephan). The endeavor to develop the science of his working group one step further and bring it to the market was funded by the BMBF GO-Bio (2014-2016) and BMWi EXIST (2017-2018) startup grants and was among others awarded the BIO Germany innovation price (2015).



Dr. Helga Dögg Flosadóttir
CEO

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WE ARE OFFERING

Atmonia has developed a patented electrochemical ammonia synthesis process with high disruptive potential to enable the world's first ever distributed, clean and zero carbon, nitrogen fertilizer production from air and water. The company plans to announce a bench-scale proof of concept in Q1 2018.

WE ARE LOOKING FOR

Collaborators and investors with deep knowledge and network within the field of fertilizer, ammonia production, chemical catalysis, electrochemistry, analytics, regulatory systems and production processes. We are initiating our Series A investment round for \$5MM

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The first lab-scale prototype of the Atmonia process has shown a highly selective production of ammonia from N₂ and H₂O at room temperature and with feasible efficiency and energy requirements, the two major barriers to previous attempts to do what we have achieved. First steps towards scale up have already been taken and results are to be expected this year. There is intense international interest in this field as ammonia is key to sustainable agricultural food production for a growing global population.

TECHNOLOGY / PATENTS

Patent: 1) Electrolytic Production of Ammonia, Priority date 2014-06-13, Published in Iceland in July 2017. Priority number: IS20140050086 20140613; WO2015IS50012 20150612. Patent is pending in US, EU, CA, CN, IN, IL, RU.

HISTORY / ASSETS / AWARDS / SPECIALS

2012 – Research grant, using DFT calculations to simulate metal nitride surfaces and their catalytic activity for N₂ reduction. 2015 – Grant of Excellence, for bringing the previous results to life – moving from theory to experiments. 2017 – Atmonia ehf/ltd founded 2017 – Technological development funds awarded. 2017 – Atmonia's business case won the Gullegg competition in Iceland.



Martin Bellof
Business Development

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WE ARE OFFERING

Our cell surface display technology brings difficult target molecules to the surface of bacteria like E. coli. By circumventing aggregation of protein within the bacterial cell, MATE® enhances process economics and thus enables the use of proteins that currently require tedious steps of purification and refolding.

WE ARE LOOKING FOR

Researchers, who are experiencing difficulties with the expression of a desired target molecule and / or are looking to lower the costs of their enzyme-dependent or screening processes.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

MATE® Whole Cell Biocatalysts combine the benefits of free enzymes, immobilized enzymes and whole cell biocatalysts in one system, thus eliminating cost drivers of enzyme-dependent processes. MATE® can also be used in screening applications for the production of targets, activators / inhibitors and libraries thereof as well as for enzyme evolution. In oppose to existing systems, MATE® strains can be used directly without the necessity for purification and refolding.

TECHNOLOGY / PATENTS

MATE® Cell Surface Display Technology

HISTORY / ASSETS / AWARDS / SPECIALS

Should you have any questions, please get in touch. We're happy to explain.
And by the way, we're fun to work with. ;-)



Andreas Regnery
Co-founder

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WE ARE OFFERING

We are offering the first truly parallel and scalable purification technology for chemically synthesized peptides. Our Peptide Easy Clean (PEC) technology enables significant efficiency enhancements in peptide-related R&D and, perspective, in the industrial production of peptides.

WE ARE LOOKING FOR

We are looking for customers (e.g. in pharmaceutical R&D) with interest in an innovative, concept-proven peptide purification technology that enables high throughput peptide purification, excelling problems with preparative HPLC.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The superhydrophilic / superhydrophobic microarray allows the pipetting free self-organization of thousands of similar nano-droplets of aqueous solutions and cell suspension. Application examples are stem cell research and high-throughput primary cell drug screening, regenerative cell therapy and drug discovery. The benefits are over 99% lower reagent volumes and cell numbers, compatibility with standard staining and fixation protocols, SBS footprint and pipetting/robotics free HT drug screenings.

TECHNOLOGY / PATENTS

Batch-based catch&release purification technology with approved linker molecule and filter media suitable for purification of peptides and PNA; international patent (PCT) with application number PCT/EP2017/051932

HISTORY / ASSETS / AWARDS / SPECIALS

Belyntic (formerly: EnviroPep) is a spin-off project of Humboldt-University in Berlin. It was granted an EXIST Transfer of Research funding since 09/2016. Besides its pilot projects, Belyntic closely works together with the Department of Chemistry at Humboldt-University and the BAM, the German Federal institute in charge of safety regulations in technology and chemistry.



Sophie Roelants, PhD
Project Coordinator

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WE ARE OFFERING

We offer process development, scale-up and custom manufacturing of biobased products and processes. A wide and flexible spectrum of modular unit operations enables us to translate your biobased lab protocol into a viable industrial process. BBEPP enables the conversion of biomass (crude waste/side streams and/or refined substrates) into biochemicals, biomaterials, biofuels and other bioproducts.

WE ARE LOOKING FOR

We are looking for new collaborations in private (bilateral) and/or public (H2020 etc.) set ups. We are your partner for process development from basic idea/concepts and/or scale up for concept/product evaluation and custom manufacturing for initial market entry (also food processes/products).

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Biomass pretreatment (Mechanical, thermal, physico-chemical and enzymatical); (Gas) fermentation (industrial enzymes, fine/bulk biochemicals, biofuels, biosurfactants, food ingredients, nutraceuticals etc.); Biocatalysis (aqueous and solvent based); Green chemistry (ATEX proof hall and equipment) and product recovery and purification (centrifugation, filtration, ion exchange, chromatography, crystallisation, evalopartion, extraction and drying).

TECHNOLOGY / PATENTS

Profound expertise in abovementioned areas and dedicated modular equipment available at several scales: lab (benchtop 7L), small pilot (100 L) and pilot (up to 15 000 L) scale to develop and scale up your biobased processes. A full overview of our equipment can be found on our website. We guarantee complete confidentiality.

HISTORY / ASSETS / AWARDS / SPECIALS

We recently won the Regiostars award for our Bio Base NWE project: <http://www.bbeu.org/pilotplant/we-won/>. Several testimonials of clients of ours can be found on our website e.g. <https://www.youtube.com/watch?list=PL00RyxLNivXvKd1bAttigl-mLgIVRIhEM&v=Y6L3rcocbUI>

We are qualified by the ISO9001 quality and FSSC 22000 food certificates.



Frank Schäfer, PhD
Managing Director

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WE ARE OFFERING

Products and services in the area of isolation, detection and processing of nucleic acids (DNA, RNA) | Profound expertise in development of nucleic acid-based workflows and processes

WE ARE LOOKING FOR

We are looking for partners in the areas of i) Sample disintegration (eg, lytic enzymes), ii) Chromatographic & affinity matrices, iii) (Ultra-/micro-) filtration & membrane technologies, iv) Mol. Dx (eg, co-dev. of diagnostic workflows, POC), v) Clinical samples, vi) NGS & service providers, vii) Food testing

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We offer: CONSUMABLES (kits) for extraction of DNA/RNA from biological samples (cells, blood, tissues; human, animal, plant); consumables for biological sample storage and processing (clean-up, concentration) and analysis of nucleic acids | SERVICES around our single-step technologies; customized solutions for de-novo development and streamlining of your nucleic acids workflows (including high-throughput automation)

TECHNOLOGY / PATENTS

I) Single-step isolation of nucleic acids (native, low-salt conditions; fastest process available; highest DNA purity ever achieved; non-toxic process reagents ; 70% waste reduction); II) Single-step concentration based on superabsorbing polymer/SAP beads (DNA/RNA solutions, liquid biopsies, environmental samples) | Patents: applications and granted patents covering the single-step isolation technology and the SAP technology.

HISTORY / ASSETS / AWARDS / SPECIALS

BioEcho Life Sciences was founded in 2016 by a team of former Qiagen experts in genomic sample preparation (kit and process development) and in Sales & Marketing. BioEcho's product portfolio currently comprises 13 groups of consumables products and is constantly growing.



BIOPROCESS
PILOT FACILITY

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Eric Goossens
Director

WE ARE OFFERING

We are here to adapt to your specific piloting needs and bridge the gap between development and commercial scale production. Our first-rate facilities, combined with decades of industrial bio-process piloting experience, will help ensure your next innovation hits its commercial targets.

WE ARE LOOKING FOR

BPF offers first-rate facilities and a broad industrial biotechnology experience for companies
 1) to valorize their by-product streams 2) looking for a partner with a proven track record in scaling fermentation and DSP processes and/or 3) to validate and transfer their process to demo scale

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Focus area of BPF:

- 1) Pretreatment & Hydrolysis – Unlock the potential of your biomass feedstock
- 2) Fermentation & downstream processing – Convert feedstock to your wanted quality product
- 3) Scale-up / piloting – Kickstart the decision making to commercial scale. BPF has the availability of a Separate Food Grade plant meeting Food Regulations and Standards (FSSC 22000).

TECHNOLOGY / PATENTS

From feedstock pre-treatment to hydrolysis, fermentation and downstream processing, in a dedicated food and non-food environment, BPF can handle a variety of biomass feedstocks for commercial manufacture into end products for the biochemical, biofuels, pharmaceutical (e.g. non-clinical) and food industries.

HISTORY / ASSETS / AWARDS / SPECIALS

Located in Delft, Netherlands, the BPF facilities represent a scaled-down commercial plant including labs, BPF offers case-driven solutions and comprehensive analytical support. Open access and each client's IP confidentiality/protection are a given at BPF. Extensive trackrecord with international start-ups, SME's and corporates.



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Patrick Herzog
Sales Manager

WE ARE OFFERING

Solutions for application utilizing photo chemistry, biotechnology, light emitters and solely LED. We are covering the range from 265 to 1600 nm with single or multi-band systems. Laboratory, small production to mass production solutions. Standard Solutions as well as custom implementations in close cooperation.

WE ARE LOOKING FOR

Partners who want to bring existing photo chemistry application to the next level and leave the traditional and soon to be banned light sources behind. Also Partner who want to explore the possibilities of LED technology and reinvent their process with photochemistry based catalysis

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Systems to induce narrow bandwidth LED based light into photochemistry processes, for small volumes, LED Microreactor Photoreactor, medium volumes Contiflow & Tube Photoreactors, submersible Lighting System and custom solution. Various accessories for the Lab environment. All systems can be adapted for algae research and production.

TECHNOLOGY / PATENTS

Own LED manufacturing, LED Driving, LED lifetime management, software and cooling concepts, system design

HISTORY / ASSETS / AWARDS / SPECIALS

Design and implementation of the largest high powered LED-light simulation at the TUM AlgaeTec Center, Garching Germany.



Martin Plambech
CEO

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WE ARE OFFERING

Biosyntia build fermentation processes by leveraging our world-leading strain selection technology. This technology can test billions of cells in one test-cycle and hence solve the most challenging pathway bottlenecks. These solutions can enable or improve fermentation processes.

WE ARE LOOKING FOR

Problem to solve: Fermentation processes challenged by complex pathway bottlenecks, which cannot be solved by rational design and requires building a tailored, high-throughput testing system. Especially, we have developed unique understanding of solving selected pathway challenges.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Today, we have the best performing strains for selected B-vitamins, where we are looking for development partners in the scale-up phase. These vitamins are only produced by chemistry today. Further, we have developed unique technology that solves specific pathway challenges for molecules such as B-vitamins, terpenoids, valine, leucine, isoleucine, butanol and isobutanol. Naturally, we also offer our selection technology as a service.

TECHNOLOGY / PATENTS

Instead of screening, Biosyntia builds a selection system into the microbe itself. This system only lets the high-performing microbe survive. This drives a high-throughput system via self-selection. One can compare it to finding a needle in a haystack. Instead of searching the haystack straw-by-straw (screening), Biosyntia burns down the haystack and picks up the needle (self-selection). This dramatically increase throughput and makes it possible to solve the most complex pathway challenges.

HISTORY / ASSETS / AWARDS / SPECIALS

Biosyntia was founded in 2012 and today counts 16 scientists and business developers. We have our own lab and office facilities based in Copenhagen, Denmark. Our company has won more than 15 recognition awards, including being one of the most innovative SMEs in Europe (EuropaBio, 2014 & 2016). Our investor is Novo Holdings, who invests and manages assets valued at more than EUR 47 billion and holds 76 portfolio companies.



Dr.-Ing. Andreas Blaeser
CEO

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WE ARE OFFERING

Black Drop Biodrucker GmbH provides state-of-the-art bioprinting hard- and software, highly biofunctional bioinks, and bioprinted in vitro models for drug screening and toxicity testing. On request we construct individualized bioprinting systems and develop tailored bioinks.

WE ARE LOOKING FOR

We are looking for strategic partnerships:

- to establish our vascularized tissue models for drug screening and toxicity testing
- for international reselling of our hardware and bioink.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

- Hardware: 3D-bioprinter (Black Drop SuperFill), Hand-dispenser (DropGun),
- Software: Printer control software, 3D-STL slicer,
- BioInks: BlueDrop, GreenDrop, RedDrop, and SilverDrop,
- Tissue models: Liver-lobule model, kidney model, myocardium model.

TECHNOLOGY / PATENTS

Our technology: Drop-on-demand bioprinting and bioreactor chip technology

Our patents:

- Patent application for bioprinted tissue models: DE 10 2017 120 470.9.
- International patent for bioprinted tumor models: 2014070410553600DE.
- Patent for 3D-bioprinting process: DE 10 2012 100 859.0

HISTORY / ASSETS / AWARDS / SPECIALS

Black Drop Biodrucker GmbH was founded in April 2017 as a Spin-Off of RWTH Aachen University Hospital. Prior to this, Black Drop's technology has been applied successfully for more than 5 years in regenerative medicine research. More than 15 high ranking publications originated from this, for example:

- Mechanically Tunable Bioink for 3D Bioprinting of Human Cells. Adv Healthc Mater 2017
- 3D Bioprinting of Cell-Laden Hydrogels for Advanced Tissue Engineering. Curr Opin Biomed Eng 2017
- Shear Stress in 3D Bioprinting is a Key Factor to Balance Printing Resolution. Adv Healthc Mater 2016

B·R·A·I·N



Dr. Jürgen Eck
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WE ARE OFFERING

BRAIN promotes innovation in the field of bioeconomy and pioneers sustainable industrial biotechnology. BRAIN stands for the biologization of industries and consumer products with the aim of providing new breakthrough approaches, preserving valuable resources and replacing unfavourable solutions.

WE ARE LOOKING FOR

We are looking for collaborations for the development of novel enzymes, bioactive compounds (e.g. for cosmeceuticals, nutraceuticals, pharmaceuticals), performance microorganisms, producer strains as well as for business partnerships for marketing new bio-based products and circular economy solutions.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We have developed a multitude of innovations including speciality enzymes for food, detergents or wound care; producer strains with optimized multi-step bioconversion routes; special screening systems based on human taste cells for sugar substitutes and taste modulators (e.g. DOLCE program); active ingredients for cosmetics; extraction of precious metals from waste streams and ore for Urban Mining and Green Mining (e.g. BioXtractor program).

TECHNOLOGY / PATENTS

Our success factors are 25 years of experience in sustainability and biotechnology and a strong innovation culture. BRAIN develops sustainable innovations based on its proprietary BioArchive which includes a.o. some 53,000 highly diverse characterised microorganisms and more than 50,000 natural compounds. The Group owns a comprehensively protected high-tech portfolio and employs state-of-the-art technologies such as protein engineering, high-throughput sequencing, 3D-modelling and simulation.

HISTORY / ASSETS / AWARDS / SPECIALS

BRAIN delivers fast and reliable results in customized R&D collaborations and exclusive strategic partnerships including licensing agreements. BRAIN can look back on more than 100 successfully concluded collaborative projects. Economic efficiency and quality improvement in various industry sectors are a hallmark of BRAIN. In addition, internal R&D programs are pursued e.g. as coordinator in the NatLifE 2020 and the ZeroCarbFP innovation alliances.



Prof. Dr. Hermann Ehrlich
scientific advisor

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WE ARE OFFERING

Bromotyrosines; Aeroplysinin-1; Isofistularin; 3d chitinous scaffolds for tissue engineering; Verongioid sponges extracts.

WE ARE LOOKING FOR

Investors

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Secondary metabolites of bromotyrosines origin from Verongiida demosponges with anticancer and anti-babesiosis activities.. Methods for isolation of bromotyrosines and chitinous scaffolds from sponges cultivated under marine ranching conditions.

TECHNOLOGY / PATENTS

Express methods for isolation of bromotyrosines and chitinous scaffolds from verongioid sponges.

HISTORY / ASSETS / AWARDS / SPECIALS

Please visit our website: www.brommarin.com



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Dr. Ir. Nico J. J. Aelmans
CEO

WE ARE OFFERING

We are offering a production environment, where the gap between R+D and big scale production can be filled.

WE ARE LOOKING FOR

We are looking for

- Start-Ups and R+D organisations, that are growing out of their production infrastructure.
- Multinationals in the need of niche products, that do not fit in their streamlined production.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Custom manufacturing using flow- or batch-chemistry on kg to multi-ton scale.

TECHNOLOGY / PATENTS

Flow-chemistry, optionally in combination with batch-chemistry

Patent: Suzuki-Miyaura reaction on sterically hindered ortho-positions. While applying flow chemistry, we achieve 100% conversion of raw material.

HISTORY / ASSETS / AWARDS / SPECIALS

- Founded in 1988, we are a stable and profitable organisation.
- New ownership in 2014: start of renewing facilities, applying the latest technologies and chemistry
- Heavily involved in public/private-partnerships
- Custom made product will fly with the NASA Mars 2020 rover mission.



Reinis Spunde
CEO

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WE ARE OFFERING

Catalyco is offering to the industry more efficient catalysts and absorbents that will allow to save production resources. Our objective is to license our production method and know-how to catalyst and absorbent producers and help them produce improved products using our know-how.

WE ARE LOOKING FOR

We are searching for industry partners to approve our business model and establish good relationship with catalyst producers to test our production method and receive market approval. Looking for seed investment to prepare product samples, run tests and meet with potential customers and NEW CLIENTS.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We have 5 market ready products - finished catalyst formulas for following reactions: 1. Process of decomposition of methanol; 2. Purification of gas condensate from methanol; 3. Conversion of carbon monoxide with water vapor; 4. Adsorption of sulfur-containing compounds; 5. Catalyst-chemisorbent of sulfur-containing compounds. Our goals are to work with chemical companies, develop new products according to our method and know-how and develop industrial scale production process for licensing.

TECHNOLOGY / PATENTS

Based on 30+ years of research and development our scientists have developed know-how to increase active surface area (up to 5 times) and improve structural strength (by 1,5 times). This know-how is used in processes of preparation of catalysts, in which the main active components are the oxides of copper and zinc and production of adsorbents based on zinc oxide. This technology, does not require the use of expensive equipment and reagents, vacuum or inert gas atmosphere, neither very high temperatures.

HISTORY / ASSETS / AWARDS / SPECIALS

Proof of concept is received from the market. Catalysts according to earlier development stage of the method have been produced for many years. Also, later stage method is approved by market and catalysts have been produced and sold to the customer by the institute where the technology was developed. We have a team of keen entrepreneurs and experienced scientists as well as industry experts from USA and Canada with great experience within leading catalyst producers.



Helge Adleff
Business Development
Manager

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Website www.celldeg.com

WE ARE OFFERING

CellDEG offers a unique process for high-density microalgae cultivation overcoming carbon deficiency in strong light by applying diffusive CO₂ supply for turbulent cultures via flat membranes. Extremely dense axenic cell suspensions are cultivated at high growth rates avoiding CO₂ and water vapor loss.

WE ARE LOOKING FOR

We look for early-stage funding by investors with a strong life-science background. We are further interested in strategic industrial partnerships for joint development projects regarding pharmaceutical grade natural products and high-quality biomass production in lab and industrial scale.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

CellDEG already markets high-density microalgae cultivation platforms and the associated consumables in different sizes along with a specially designed CO₂ and light control focusing primarily the R&D market. Consulting, contract biomass/ inoculum cultivation and strain/ growth factor optimization are provided services. CellDEG developed concepts for industrial scale, high quality and low-cost microalgae cultivation which will be evaluated.

TECHNOLOGY / PATENTS

CellDEG's technology and processes are capable of scaling up. They are protected by two issued patents (DE102013015969 B4 and US 9200244 B2) and a further pending patent application (DE102015015816 A1). High-density cultivation of heterotrophic microorganisms is in progress and looks promising for all applications where insufficient gas exchange is limiting growth.

HISTORY / ASSETS / AWARDS / SPECIALS

CellDEG, founded in 2016, is a spinoff from Humboldt University of Berlin. CellDEG received an EXIST founder grant and is now supported by the ProFIT program of the Investment bank of Berlin (IBB). All know-how carriers are shareholders. Natural product researchers found that "High-Density Cultivation of Terrestrial Nostoc Strains Leads to Reprogramming of Secondary Metabolome," Guljamow et al. (2017) published in the J. of AEM. CellDEG products have already been sold in 10 countries.



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Skype	-
Website	www.cellshare.de



Dipl. Ing. (FH) Moriz Walter
Project Manager

WE ARE OFFERING

We are offering an online based approach to define, order, execute, and discover cell-based assays on an automated platform in shorter time, with higher reproducibility and transparency. Ordering cell based assays will be as easy as ordering online any other personalized product.

WE ARE LOOKING FOR

We are currently looking for partners, who are interested in outsourcing standard or specific cell-based assays on an automated plant and like to be part of a new way of running assays.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We have implemented several basic cell-based assays on our plant in Stuttgart for you, which can be configured via our online configurator right away. More assays will be implemented in the next time as well as user specific assays. After executing an assay on our plant, the detailed results are available as download in your personal workspace.

TECHNOLOGY / PATENTS

Seeding the initial cells for the assays in a homogeneous and gently way over many wells and plates is patented. This method guarantees a high quality of your results. Additional to that, our technology is based on a flexible automated platform, which enables us to implement new devices as well as new protocols in a short time.

HISTORY / ASSETS / AWARDS / SPECIALS

The team behind the future spin-off CellShare worked together for several years on the Fraunhofer project "Tissue Factory", building up human tissue models with primary cells on a fully automated plant. Down-sizing from running a production of skin models, we are now offering execution of customized cell-based assays. We are happy to have an interdisciplinary team of biologists, computer scientists, and engineers to realize our and your ideas.



Dr. Schwan Hosseiny
CEO

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WE ARE OFFERING

CEN-Mat offers highly specialized custom-tailored nano-materials for various types of applications in the field of energy, catalysis and pigments.

WE ARE LOOKING FOR

Potential customers with special demand of nano-material not covered by available solutions on the market to enhance their technologies and products. In the first instance, we are looking for customers from the electrolyzers, batteries, fuel cells, CO2 reduction, functional coating and magnetic pigment. market.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Products: Iridium, Ruthenium, Nickel, and Iron based nano-materials with and without support materials such as conductive ceramics – Services: Consulting, material supply, analysis and integration of nano-materials – Prototype: Electrolyser prototype with high efficiency, reduced costs, and higher catalyst life time for hydrogen production.

TECHNOLOGY / PATENTS

- DE202015106071.8 Economic synthesis method of a broad range of metallic nano-materials at ambient conditions adaptable to a wide range of customer's needs;
- DE102017114030.1 Modification of ion conducting membranes with a homogeneous and dense coating of metallic nano-particles;
- DE102015101249(A1) Reducing the hydrogen crossover in water electrolyzers by applying a novel coating technique.

HISTORY / ASSETS / AWARDS / SPECIALS

CEN-Mat is a DLR spin-off in the pre-founding phase. This undertaking is funded by the Helmholtz Association under the Helmholtz Enterprise Program and the German Aerospace center. Furthermore, our protected highly flexible and adaptable synthesis technology has received the f-Cell award 2016.



Christian Bürger
Managing Director

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WE ARE OFFERING

We are offering companies the chance to participate in the world's only Meta-Searchengine specialized on chemical offers and one of the largest B2B Online Platforms for Chemical Business, providing suppliers and buyers with vast information and features for getting together and conducting business.

WE ARE LOOKING FOR

We are looking for participants and business partners to enlarge chembid, to deliver even more value to the global platform and to join us in driving forward the digital transformation of chemical industry.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The heart of chembid is an innovative and specialized global search engine. It enables commercial buyers and sellers of chemicals and services to have simpler, faster and more efficient interaction with each other. Buyers can quickly and easily find chemicals and services they need from a wide selection of different online shops and online marketplaces. With the help of product- and vendor-specific filter functions, the search can be individualized and buyers can swiftly find their desired product.

TECHNOLOGY / PATENTS

Innovations are combinations of modern Web-Technologies in novel ways. The chembid platform is based on modern websearch-technology, API's, a global high-performance Cloud-Network and basic Artificial Intelligence to deliver high value and benefit for all Users, buyers and Suppliers.

HISTORY / ASSETS / AWARDS / SPECIALS

The chemical industry finally is on the edge of seriously engaging in B2B e-commerce activities. Chembid is one of the front runners in this sector and offers exciting possibilities with marginal effort and expenses for users, yet having all the chances inherent to this new form of engaging with buyers and sellers respectively.



David Schneider
CEO & Co-Founder

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WE ARE OFFERING

At ChemSquare, a young start-up from Frankfurt, we share the vision to drive digitalization in the chemical industry by building an independent marketplace which digitally connects suppliers, distributors and customers. We differentiate ourselves from other marketplaces by offering depth in selected product segments through strategic partnerships with leading players..

WE ARE LOOKING FOR

We know that we can only achieve our vision in collaboration with industry players. Therefore, we are looking for partnerships with chemical players (e.g., exclusive right to offer a specific product segment on our platform), potential investors and of course feedback on our business model.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We envision a digitally connected chemical industry. Our platform provides first of all an enhanced demand and supply matching. In addition, we develop supporting services that help facilitating the overall processes and unlocks new efficiencies gain for all parties involved.

TECHNOLOGY / PATENTS

We have developed our own proprietary technology stack, which is going live in Q2. Contact us for more details, exclusivity offers or a personal product demo.

HISTORY / ASSETS / AWARDS / SPECIALS

Our team is our asset and we are making history – starting now!

**ChiroBlock®**

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Dr. Oliver Seidelmann
Managing Partner

WE ARE OFFERING

Synthesis services bridging the gap between basic research and product development at manufacturers: unbiased consulting, route scouting, process development, synthesis of new compounds (mg to kg).

WE ARE LOOKING FOR

Customers of all branches of the „matter-based“ industries with the demand for new compounds and / or for new, optimized synthesis processes. Partners with complimentary technologies in making molecules.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

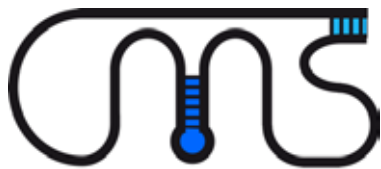
“MoleculeFactory” One-time synthesis of entirely new substances,
 “ReDesignFactory” Development and optimisation of synthetic routes,
 “IP-Factory” Generating and selling own synthesis IP by responding to open innovation challenges
 “SupplyChainFactory” QM-regulated syntheses of new compounds prior to the optional process transfer

TECHNOLOGY / PATENTS

Proprietary approach of managing internal + external synthesis know how, synthesis risks, quality and development projects resulting in a nearly absolute “fee-for-results” policy: no financial imponderabilities at client’s side. “IP-Factory” – Patents: WO2017032509 - new preserving agents for ophthalmica, cosmetics and materials. DE10107528, DE10062640, DE10055183 - enantioselective syntheses.

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 1999 – 19 successful and profitable years in the business of advancing / applying the latest synthesis know-how to industrial needs. Completely staff-owned and independent. 50% of the staff are scientists. State of the art facilities with all synthesis and purification technologies from lab scale to multi kg. Certified QM system (ISO 9001). Excipient syntheses under IPEC 2006PQG GMP regulations.



Clickmer Systems



Dr. Joachim Schorr
CEO

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Website -

WE ARE OFFERING

Clickmer Systems is a Company in formation. With its Clickmer approach, Clickmer Systems offers an alternative to antibodies for biological and clinical applications by employing detectors that are synthetic, more specific, highly reproducible, and cost effective.

WE ARE LOOKING FOR

The Company is looking for seed financing, while the financial need for the first 2 years of full operations will be \$1.2 Mio. The revenue stream of \$1.4 Mio after the 2nd full year is based on a 1 % market penetration and will result in approx. \$ 6.9 Mio. Revenues after year 5 of operations.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

To target the unreliability of antibodies, Clickmer Systems applies Clickmers as a new approach by representing fully synthetic equivalents to currently used antibodies, with 100% fidelity at 10% of the current COGS. Clickmers are sold as consumable products with direct shipping to customer sites and digital web based ordering process and customer service. Proof of concept has been shown by developing a Clickmer against protein p53, while the development of Clickmers for the 10 most used Protein Targets is in progress.

TECHNOLOGY / PATENTS

The technical solution applied by Clickmer Systems results from more than 20 years of experience in the development of synthetic protein binding molecules by the Profs. Famulok and Mayer at the LIMES Institute in Bonn. The core of this technology is the ability to create an unlimited variation of synthetic protein binders by a patented chemical reaction. (WO 2015/049359 & WO 2016/050850). Signed term sheets for world wide exclusive use of the technology by Clickmer Systems are in place.

HISTORY / ASSETS / AWARDS / SPECIALS

Antibodies are produced in biological systems, e.g. cell lines or mammals. The inability to produce reliable lot-to lot antibodies in biological systems without significant validation efforts is a dissatisfying waste of resources. If initial results cannot be reproduced by using a new production lot of the same antibody the scientific progress in itself is compromised. (Nature, 521:274-276). Clickmer Systems has been awarded as one of the best business cases by BioRiver 2017 and as Top Presenting Company 2017 by TechTour.



Dr. Sebastian Kunz
Head of Heterogeneous Catalysis

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WE ARE OFFERING

Stable colloidal dispersions of precious metal nanoparticles being free of organic surfactants. These “surfactant-free” nanoparticles can be used as colloidal dispersions. These “surfactant-free” nanoparticles can be used to coat substrates (e.g. for catalytic applications).

WE ARE LOOKING FOR

Potential partners for production
Potential partners for sales and marketing

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Products: Colloidal dispersions of “surfactant-free” precious metal nanoparticles and supported catalysts prepared from these colloids for applications in chemical industry, electrocatalysis, automotive, refinery.

Service: R&D for customers to adapt our technology to specific needs.

Proof-of-Principle: Tests from industry partners have demonstrated significantly enhanced activities compared to their state-of-the-art catalysts.

TECHNOLOGY / PATENTS

European patent submitted November 2016, PCT submitted November 2017.

Patent covers the nanoparticle preparation and products prepared from these nanoparticles.

HISTORY / ASSETS / AWARDS / SPECIALS

2nd in GreenTech category of the Venture Cup Denmark (business) Idea competition, January 2018 (among top 10 ideas out of overall 300 projects competing in 5 different categories).

2nd for the Social Media Award at the Venture Cup Denmark (business) Idea competition, January 2018



Dr. Jörg Ohl
Senior Business
Development Manager

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WE ARE OFFERING

- White biotechnology is Corden BioChem's business, your biotech hub in the heart of Europe
- Corden BioChem is an industrial manufacturing partner supplying into food, feed as well as pharma and fine chemical market
- Experienced team for industrialization and scale-up

WE ARE LOOKING FOR

B2B business in white biotechnology

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Contract Manufacturing Organization - large-scale industrial manufacturing partner for biotech based products in food, feed, pharma and fine chemicals. We offer scale-up, industrialization, commercial supply. FDA & European authorities approved site. Synergies with industrial park, secure & stable utility supply for continuous production.

TECHNOLOGY / PATENTS

Fermentation, Enzyme purification, large-scale production, two separate large-scale downstream lines (40m³ and 120m³ -scale) with high throughput

HISTORY / ASSETS / AWARDS / SPECIALS

Former Sandoz production site, fermentation cluster with total 3000 m³ fermentation capacity in industrial park of Hoechst, more than 60 years of experience in fermentation and downstream of biotech products



Dr. Marek Chęcinski
CEO and Managing Director

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WE ARE OFFERING

CreativeQuantum offers complete solutions for quantum mechanics-based investigations at the molecular level as an on-demand service for R&D divisions towards new chemical reactions or materials.

WE ARE LOOKING FOR

R&D teams from the chemical, pharmaceutical or functional materials industry, who want to avoid time-/cost-intensive trial-and-error experiments. We are looking for motivated R&D managers who are ready for the next level of modern R&D.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

CreativeQuantum GmbH is specialized in quantum mechanics-based simulations. We investigate chemical reactions and materials' properties at the molecular level for more than eight years with state-of-the-art methods. Our services provide our customers unique insight into their key reactions and properties of any atoms-based systems. With our help, our clients can evaluate the most promising new synthesis routes or novel functional materials faster and at much lower costs than with classical approaches.

TECHNOLOGY / PATENTS

CreativeQuantum is specialized on quantum mechanics-based computer simulations. We use robust, proven and accurate state-of-the-art methods to determine different kind of chemical and physical properties. We have developed several proprietary software tools and a hardware setup to speed up the entire simulation process from pre-processing to visualization. With our unique virtual high-throughput-screening capabilities and or virtual libraries, we are able to generate new IP in form of new catalysts or functional materials for our clients.

HISTORY / ASSETS / AWARDS / SPECIALS

We started to build up a soft- and hardware platform to provide a very efficient access to quantum chemistry as a technology in 2008, due to the conclusion that this technology is the fastest and most cost-efficient way to perform modern focused non trial-and-error research and development. CreativeQuantum has been awarded several prizes for its business strategy and sustainability and grows from its cash-flow without external capital, and provides this game-changing technology as an on-demand service to clients in industry or research institutes.



Dr. Gunther Steinfeld
CEO

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WE ARE OFFERING

Crystallization of small molecules; X-ray structure analysis including absolute configuration confirmation; Synchrotron radiation for small crystal size; Crystallization and X-ray structure analysis of specific polymorph forms or polymorphic hydrate systems; Consulting on crystallization problems.

WE ARE LOOKING FOR

We want to help you on those cases that didn't crystallize or failed to produce a successful X-ray measurement. We would like to be your trusted partner for crystallization and X-ray structure analysis.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Crystallization of samples with the aim to produce an X-ray crystal structure. Absolute configuration determination even for light atom molecules. Access on regular basis to synchrotron radiation for small crystals enhances our services. Where others have failed, Crystallise! has succeeded. We are well known in the crystallization community. A few examples of our success have been published at the Park Innovaare: www.parkinnovaare.ch/drug-discovery#competences

TECHNOLOGY / PATENTS

Our technology is based on more than 14 years of research in the field of crystallization and X-ray structure characterization. Using „not common“ crystallization techniques, we have crystallized substances which were tagged as „impossible to crystallize“. In three years of working with industrial partners, we have a 90 % success rate on crystallization experiments.

HISTORY / ASSETS / AWARDS / SPECIALS

Crystallise! grew single crystals of a penta-peptide API along with structure determination and absolute configuration confirmation – 3 international competitors had tried it before over a period of 4 years without success. Out of more than 80 different polymorphic forms of an API, Crystallise! succeeded in growing single crystals and producing the crystalline structure of two specific polymorph forms. One of them being a sensitive hemi-solvate system. Two joint publications with F. H.-La Roche are in preparation.



Dr. Michael Sokolov
COO

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WE ARE OFFERING

We offer digital solutions and consulting for the screening, monitoring, optimization, control and scale-up of chemical and bioprocesses. Our goal is to reduce the effort, risks and costs in process development and manufacturing as well as to gain deep understanding of the complex processes.

WE ARE LOOKING FOR

We are looking for customers and partners sharing our future vision where big data analytics and digitalization are at the heart of process excellence. We are interested in feasibility projects to evaluate our solutions and long-term partnerships for the integration of the technology on site.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We offer various services for clients including small companies to large industrial players facing the challenge to produce goods through complex chemical and biotechnological processes. Our consulting service is based on versatile solutions developed throughout several years of collaboration with leading companies mainly in the biopharmaceutical and chemistry sector.

TECHNOLOGY / PATENTS

Our innovative model-based technology transforms process expertise and process data into a wide range of applications in development and manufacturing and enables a solid basis for decision-making and automation. License-based software solutions are being developed for clients from the process industry as well as for suppliers of hardware and software solutions. With our strong partner network providing innovative sensors and IT platforms we are keen to digitalize and intensify your processes!

HISTORY / ASSETS / AWARDS / SPECIALS

We emerged as a spin-off company from ETH Zurich in 2017.



Dr. Sam Dylan More

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WE ARE OFFERING

DendroPharm GmbH offers a platform technology to deliver small molecular drugs into the skin and transdermally. We are also offer a technology to deliver drugs into inflamed tissue targeting peripheral pain. Our technology is based on biocompatible nano-polymers

WE ARE LOOKING FOR

We are looking for strategic partners to jointly develop our portfolio and platform technology. We are also looking for a strategic or financial investor to bring our non-addictive, non-sedative nano-opiate through clinical stages and into the US market to solve the ongoing US opioid crisis.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Products and services: Formulation development, manufacturing of nano-materials under GMP condition, clinical studies for veterinary applications, regulatory affairs. We have successfully applied our technology for skin penetration both in-vitro and in clinical studies in the veterinary field and have proven our inflammation targeting technology in mouse and rat models in-vivo.

TECHNOLOGY / PATENTS

Patent granted for CMS nanomaterials (prio 2004) and patent pending for nano-Opiate (prio 2015) , multi-dosage applicator for dermal delivery of 40 µl doses of semi-solids (prio 2015)

HISTORY / ASSETS / AWARDS / SPECIALS

Founded 2013. Achieved awards in the Science4life and Business Plan Wettbewerb Berlin Brandenburg, was awarded the Innovationspreis Berlin Brandenburg in 2016. DendroPharm has been ISO 9001 certified since 2015 and is currently pursuing GMP certification.



Dejan Husman
designated CEO

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WE ARE OFFERING

We are focused on the development and production of thin layer coatings for cell and tissue culture plasticware for Life Science applications. Our biomimetic coatings enable cells to experience an environment closer to the human body, and therefore offer more relevant experimental results to our customers.

WE ARE LOOKING FOR

We are looking for collaboration partners for the purchase and manufacture of raw materials such as peptides and various polymers. We are also interested in meeting potential investors interested in the fields of Biotech and Life Science.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We are developing two product types: the screenMATRIX, available from April 2018, which is a 96-well plate with a combination of multiple thin layer coatings targeted towards Life Science researchers. The myMATRIX, available from May 2018 which is a specialized thin layer coating composition for B2B customers intended for mass manufacture of coated plasticware. In addition to our product lines, we offer consulting to interested parties for discovering the ideal biomimetic thin layer coating for their application.

TECHNOLOGY / PATENTS

denovoMATRIX technology is protected through three patent families, with the first currently undergoing nationalization in US, EU and China.

HISTORY / ASSETS / AWARDS / SPECIALS

The denovoMATRIX team received EXIST-forschungstransfer funding in late 2016 (~€0.9 mio.) and has since then won awards at the Bionection in Germany (Technology Transfer Trophy) as well as the Tissue Engineering and Regenerative Medicine International Society Business Plan Competition in Switzerland (Bronze Award, and People's Choice Award).



Martin Spitznagel
CEO

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WE ARE OFFERING

Dust BioSolutions has its core expertise in the development, production and sales of new, innovative biological binders for industrial applications. Products are either liquid solutions or dry powders that contain soil bacteria that solidify different types of permeable materials ("biocementation").

WE ARE LOOKING FOR

Collaboration: any partners that want to understand potential positive interactions between their (often chemical) processes and our biological components, in order to improve existing or to develop new products. Sales / business development: any support that speeds up our international expansion..

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The first product family derived from our technology platform offers several industries (e.g. mining, solar, construction) a customized solution to control airborne dust more cost-efficiently and environmentally friendly than existing alternatives. Other products aim at the development and maintenance of unpaved roads, innovative construction materials and sustainable applications within agriculture. Three new product launches are planned for 2018.

TECHNOLOGY / PATENTS

Core technology is based on microbiologically induced calcite precipitation of specific bacteria, in which Dust BioSolutions is the pioneer in large-scale applications and commercialization. IP protection combines classic patenting and trade secrets regarding exact product formulations and production related aspects.

HISTORY / ASSETS / AWARDS / SPECIALS

Biggest asset of Dust BioSolutions is its international and interdisciplinary team. Currently 8 highly motivated engineers and natural scientists together with several strategic consultants execute the vision of improving profitability and sa



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Geschäftsführer

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WE ARE OFFERING

We are offering ecological flame retardants for application in wet processes as often used in the paper, textile, composite or wood-fibre industry. All products provide from own developments and we are able to modify or optimize specific parameters, which are important for the performance of customers products.

WE ARE LOOKING FOR

We are looking for industrial companies that need to pass flame protection standards but especially if at the same time ecological performance is required.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Biodegradable flame retardants that are halogen-free, solvent-free, not listed on the EU SVH list

Products suitable for spray application

Ammonia-free flame retardants with sustainable effects

Reactive flame retardants for cross-linking with isocyanates;

TECHNOLOGY / PATENTS

Ready to use flame retardants for various end uses • Production technology • Application technology • Surface technology • Hydrophobing agents • Laboratory capacity for customer projects • Large choice of raw materials and non-commercial substances for specific effects

HISTORY / ASSETS / AWARDS / SPECIALS

Achievements: DIN 4102 B1 für Textilien bei Verwendung von ECOAPHOS ASU auf Baumwolle und Polyester • Ausrüstung von Flammenschutztapeten gem. DIN 4102 B1/SBI • Flammenschutz für Wärmedämmung aus Holzfasern • Flammenschutz zum Aufdrucken auf Papier mittels Flexodruck • Flammenschutz für Wellpappe mittels Auftrag Leimpresse • Flammenschutz für den Sprayauftrag auf saugenden Materialien



Dr. Ulf Menyes
CEO

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WE ARE OFFERING

We are offering recognized expertise in using enzymatic processes for complex chemical synthesis; verify, develop and scale up chemo-enzymatic processes on customer demand. We provide biocatalysts for R&D, produce fine chemicals, APIs and intermediates and deliver selected chiral substances.

WE ARE LOOKING FOR

We are looking for joint development projects, R&D requests, participation in future H2020 projects and customers for catalog products (see homepage).

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Enzymicals offers a broad selection of recombinant ENZYMES suitable for research, development, production and diagnostics as well as a tailor-made protein expression and optimization service. We manufacture a range of CHEMICALS as chiral building blocks, intermediates and specialty chemicals as well we offer custom synthesis on request and provides SOLUTIONS in development, optimization and scale up of robust chemo-enzymatic processes.

TECHNOLOGY / PATENTS

The technologies are based on profound expertise in biocatalysis and in enzyme improvement for technical application in organic synthesis. Selected classes of enzymes and biocatalytical processes are in patent application. (example for an enzyme class: halohydrin dehalogenases, example for a process: preparing amines in transaminase-catalyzed reactions of carbonyl compounds by a novel process for in situ product crystallization)

HISTORY / ASSETS / AWARDS / SPECIALS

The company was founded in 2009 and meanwhile an interdisciplinary team of 17 scientists and technicians is working there. In 2012, Enzymicals was awarded a regional Entrepreneurs Price and 2014 the KfW Award. Enzymicals is part of a company network with seed investors BRAIN AG and BBG (Braun-Beteiligungs-GmbH) and cooperates with a number of other companies and institutions in customer and funded projects.



Berkay GÜRES
European Operations
Director

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WE ARE OFFERING

We are a biotechnology company that was founded as a research and development laboratory. Our focus-
es are industrial enzyme technologies. We aim to provide sustainable and environment friendly products
for biogas, textile, leather, paper, starch, detergent, rubber and biofuel industries.

WE ARE LOOKING FOR

We are looking for customers from industry, strategic or financial partnerships, joint projects, sale partners,
networking, technology transfer and RnD appointments.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

EpiCellulyse XT - The first enzymatic solution, facilitating production of "biogas" from paper plant's mill
sludge

TECHNOLOGY / PATENTS

EpiCellulyse XT is a novel technology, developed to convert paper industry waste into raw material to be
used in Biogas Plants. Paper mill sludge is mainly composed of cellulose fibers, which are made of glucose
subunits. Glucose is the most easily utilized energy molecule for organisms and can be converted to vari-
ety of substances including biogas. But cellulose fibers are formed of very long chains of glucose and they
are very hard to assimilate by microorganisms which are specialized for Biogas methane production. Our
patent filed EpiCellulyse XT achieves to break these long chains down to smaller and easily utilizable frag-
ments. Intellectual Property: "Use of a cellulose hydrolysate for biogas production" PCT/TR2016/050156 "

HISTORY / ASSETS / AWARDS / SPECIALS

Techin2B 2016, 1st Place

Seoul International Invention Fair 2016, Bronz Medal

Falling Walls 2017, Finalist

GCIP 2017 National Winner



EVOLED
Fiat lux



Aleksey Korabovsky

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WE ARE OFFERING

WE ARE LOOKING FOR

Despite the main application of OLED in light panels and displays, we are in search of partners for other technology application, namely: Bio-markers, lasers, sensors and etc.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Nowadays price for OLED displays loses to LCD, especially for large screens. One of the reason is the emissive layer based on organic iridium compound which is quite expensive.

TECHNOLOGY / PATENTS

Our scholars have unique expertise in applying aromatic carboxylates lanthanides as a thin film. These compounds are cheap and have high properties of luminescence and stability. But they are not soluble and not volatile. None of the known methods allows using these materials as the emissive layer in OLED. However, our scientists discovered the unique applying method, which solve this problem.

HISTORY / ASSETS / AWARDS / SPECIALS

EVOLED was established in Riga, Latvia in 2013 through Commercialization Reactor. The project technology was developed in Moscow State University. EVOLED received 395.000 € as R&D support from ERA. NET for designed prototyping program for 2,5 years which started in June 2016, with the purpose to create four unique prototypes based on different materials in accordance with SAMSUNG and market requirements. We already achieved first improvements of our prototype and we continue to work in that direction.



Geert Sergoyne
co-founder, CEO

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WE ARE OFFERING

We offer you the Gemsotec Digital Twin, a mobile platform that empowers operators and technicians while working in the field. It provides access to asset information, enables mobile service requests, augments procedures with a 3D asset view, tracks people and navigates you around the plant.

WE ARE LOOKING FOR

We are looking for chemical companies interested in using digital and mobile solutions to gain full operational control: Are your people working on the right equipment? Are they having the latest information? Do they find every asset in the field easily? Do you have an overview of ongoing works?

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Gemsotec is looking for chemical companies who want to experience the benefits of the Gemsotec Digital Twin on their site. Together we identify the most interesting use cases, define user requirements and elaborate a technical analysis. We define the scope and success criteria for a proof-of-concept and show the potential of the Digital Twin in real life.

TECHNOLOGY / PATENTS

The Digital Twin connects 3D models of installations with your existing digital resources such as maintenance software, work permit and document management system in a cloud-ready and connected environment. Combined with mobile apps, (GIS based) analysis modules and tracking technologies it opens up a myriad of added-value solutions to take the next step in operational excellence.

HISTORY / ASSETS / AWARDS / SPECIALS

Gemsotec has been founded mid 2017 by three engineers with over 30 years of cumulative experience in chemical operations, enterprise software development and innovation. Gemsotec secured a 1.5 year grant from the Flemish government to develop its Augmented Reality 3D application.



Thomas Volk
Chemist RD&QM

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WE ARE OFFERING

We are offering strong expertise in the development and the manufacturing of Hydrogel-Hybrid-Materials.

WE ARE LOOKING FOR

We are looking for new applications for our Hydrogel-Hybrid-Material.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Geohumus® is a soil additive used in agriculture and gardening/landscaping. Currently, new materials for technical applications e.g. storage of thermal energy are under development

TECHNOLOGY / PATENTS

Our core-technology is the syntheses of hydrogel-hybrid-materials. Based on this technology, we develop solutions for different applications, such as agriculture or engineering.

HISTORY / ASSETS / AWARDS / SPECIALS

From the very start, we were driven by one goal: how do we preserve the precious resources of our planet. Since 2005 we've been developing innovative Materials, focusing on materials designed for agriculture.



GLYCONIC
glycoactivates



Dr. Ulrich Rabausch
Project leader

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WE ARE OFFERING

GLYCONIC has established a unique platform technology that enables novel drug developments in the fields of cosmetic, pharmaceutical, and veterinary applications. Currently, a pipeline of active cosmetic ingredients (ACI) is offered for out-licensing to industrial partners.

WE ARE LOOKING FOR

We are seeking for seed capital from strategic investors to spin-off from university and we are looking for interested, experienced start-uppers to complement our team. Also, we are always interested in new co operations for platform technology and compound applications.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Two ACIs, the GlycoActive GA-HG with strong indication to stimulate hair growth and GlycoActive GA AA with UV-shielding, anti-pollution and rejuvenation bio-activities, will be ready to market from 2021. Both actives were toxicologically evaluated according SCCS in 2017 and are currently in further validation with industrial partners. Next milestones are first in human efficacy studies and process transfer.

TECHNOLOGY / PATENTS

Our unique platform enables the manufacturing of novel, glycosylated small molecules from various compound classes. These so called GlycoActives are patentable and possess enhanced efficacy, biocompatibility and bioavailability, as well as stability. Two running WIPO applications with positive ISRs are claiming our current ACIs and their uses as well as their production process. Both will head into nationalization in 2018.

HISTORY / ASSETS / AWARDS / SPECIALS

GLYCONIC is a spin-off-project of 3 founders plus team from the department Microbiology & Biotechnology at Universität Hamburg. The project was granted InnoRampUp, is finishing a GO-Bio phase before being financed within EXIST Forschungstransfer Phase 1 from 2018. We were awarded within three business plan contests (Hamburger INNOTECH-Preis 2014 (2nd), Science4Life venture cup 2014 (6th-10th), andACHEMA Gründerpreis 2015 (2nd)).



Rui Pedro Silva, MSc
Co-founder and CTO

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WE ARE OFFERING

Graphenest is a graphene-based technology provider that aims at this nanomaterial production through a fast, cost-effective and highly scalable proprietary method. We offer customizable and integrate graphene solutions at manufacturing processes.

WE ARE LOOKING FOR

The present challenge is related with the expansion of production capacity and R&D operations in order to bring graphene-based solutions to the market at an industrial level.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our services range from the production of raw graphene nanoplatelets dispersions and powder solutions to our customers, to the complete customizable integration of solutions to the industry. Our current customers are using developed graphene solutions as electromagnetic shielding coatings, gas barrier films and reinforced polymers for navy, automotive, defense and cosmetic markets.

TECHNOLOGY / PATENTS

Patent: WO 2017025926 A1 - Method and device for production of graphene or graphene-like materials

HISTORY / ASSETS / AWARDS / SPECIALS

Our CEO, Bruno Figueiredo is member of the 2017 Industry's class of Forbes 30 under 30 Europe; Since August 2017, Graphenest became an Associate Member of Graphene Flagship, the Europe's biggest research initiative; Graphenest holds 3 Seal of Excellence, attributed by the European Commission; Graphenest was selected for a € 200M co-investment fund (more info here: www.200m.pt).




Tim Boeltken, PhD
Founder and Managing Director

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WE ARE OFFERING

Technical solutions for gas conversion in synthetic hydrocarbons, greenhouse gas recycling, manufacturing of compact chemical reactors and plants

WE ARE LOOKING FOR

Partners for pilot, demonstration and industrial projects, partners for international expansion, meeting apotential investors

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Consulting in waste-to-value projects, engineering & construction of containerized chemical plants for Gas-to-Liquid, Power-to-Liquid and Power-to-Gas applications. Pilot plants in operations in all fields of application.

TECHNOLOGY / PATENTS

INERATEC holds several patents and patent applications in Fischer-Tropsch synthesis, methanation and synthesis gas generation from either methane or CO₂ and H₂.

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 2016 as spin-off from Karlsruhe Institute of Technology (KIT), own manufacturing and testing infrastructure, currently 13 permanent and 6 non-permanent employees. Awards 2017/2018: Umwelttechnikpreis Baden-Württemberg, Next Economy Award, Falling Walls Ventures (Finalist), Cleantech Open



Dr. Fraser Brown
Head of Chemistry

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WE ARE OFFERING

Ingenza is a world leader in the application of industrial biotechnology and synthetic biology. Our approach is based on the power of integrating our expertise in molecular biology, fermentation and process chemistry.

WE ARE LOOKING FOR

We are interested in meeting potential customers who require assistance in developing sustainable bioprocesses for the manufacture of chemicals, biologics, pharmaceuticals and biofuels from sustainable sources.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our capabilities include strain engineering and bioprocess optimisation; discovery, production and molecular evolution of biocatalysts, high throughput screening, enzymology, fed-batch fermentation and synthetic and analytical chemistry.

TECHNOLOGY / PATENTS

Our proprietary inABLE technology for combinatorial DNA assembly greatly accelerates bioprocess development through predictable recombinant protein synthesis, enzyme evolution and metabolic pathway engineering for commercial applications.

HISTORY / ASSETS / AWARDS / SPECIALS

Originally founded in 2002 as a spin out company from Edinburgh University, Ingenza currently employs over 40 staff who help provide cutting edge solutions towards the successful commercialisation of microbial production technologies. We were recently named Innovator of the Year 2017 at the Made in Scotland awards and finalist in the Life Sciences Company of the Year in recognition of the innovative approach we use in applying industrial biotechnology to tackle commercial challenges across different business sectors.

innomost.

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Sami Selkälä, Ph.D
Chief Executive Officer

WE ARE OFFERING

Producing ethically highly acceptable ingredients for cosmetic industry based on renewable materials such as forest industry byproducts. Other possible identified application industries for our products are lubricants, plasticizers, adhesives, binders, food industry, insulation materials, biocomposites and pharmaceuticals.

WE ARE LOOKING FOR

We are looking for manufacturing partners, customers and investors.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

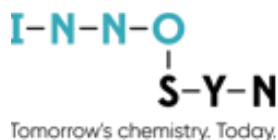
Dry birch bark powders, birch charcoal powders, birch sap concentrate, wood based azelaic acid, wood based polymeric oils, betulin and wood based carboxylic acid mixtures.

TECHNOLOGY / PATENTS

Production of polymeric polyester oils. Technology for separation valuable material fractions from birch bark.

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in November 2016. Participating Nordic Cleantech Open 2018.



Dr. Iwona Kaluzna
Marketing & Sales Director

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WE ARE OFFERING

InnoSyn delivers services for all phases of process/product/technology development starting from idea generation all the way to running business. We have a proven track record in delivering best-in-class solutions by integration of multidisciplinary teams in every aspect of our services.

WE ARE LOOKING FOR

We are looking for companies who would need help in inventing a new chemical routes/products or improving existing processes/products by using state-of-the-art technologies available at InnoSyn.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

InnoSyn BV is an innovative partner using state-of-the-art-technology in research and development of new and existing chemical processes. We invent and improve new and optimized cost-effective processes for the pharmaceutical as well as for fine- and specialty chemical industry. Recently we have introduced 3-D printed metal flow reactors giving the maximal flexibility to design the ideal assets for our customer's most challenging reactions (e.g. hazardous chemistry, with selectivity issue, etc.).

TECHNOLOGY / PATENTS

The over 25 years of experience and history as chemical R&D group at DSM (both fundamental research & chemical process design) has resulted in a broad synthetical competence base, using the most innovative technologies such as biocatalysis, chemocatalysis, flow chemistry, crystallization, photochemistry and circular economy.

HISTORY / ASSETS / AWARDS / SPECIALS

InnoSyn is a spin-out of R&D department from a large company into an independent chemical R&D service provider. InnoSyn offers a team of passionate & experienced problem solvers, applying innovative and cost-efficient technologies to advance competitiveness of our customers across the (fine) chemical industries. InnoSyn has a new name, however, over 25 years of experience and history as chemical R&D group at DSM, both fundamental and process research. Track record in successful development and implementation of new and improved processes to chemicals for all market segments.



Dr. Yves Dudal
CEO

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WE ARE OFFERING

We are offering our innovative enzen® technology to drastically improve all your enzyme processes. From biotransformation to bioanalysis and diagnostics, your enzymes can benefit from the increased stability and efficiency our technology provides.

WE ARE LOOKING FOR

We are looking for people working with enzymes in the Life Science industry, willing to obtain more from their enzymes.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We have demonstrated the benefits of our technology for many Life Science applications, such as biotransformation (10-fold increase in the specific activity of a chiral amine synthesis enzyme), biosensing (50-fold improvement in the stability of a diagnostic enzyme), digestion enzymes (resistance to urea enabling quantitative release of a biomarker), etc.

TECHNOLOGY / PATENTS

Shahgaldian P, Corroero R, Cumbo A, Corvini P (30-07-2013) Biocatalytical Composition, WO2015 014888

HISTORY / ASSETS / AWARDS / SPECIALS

INOFEA has successfully completed its Series A+ financing round in 2017 and is now fully deploying its commercial activities.



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Dr. Ralf Duempelmann
CEO and Founder

WE ARE OFFERING

Problems to understand the performance of your products? We are offering industry-oriented, straightforward access and guidance to innovative and unfamiliar analytical services, mainly but not only for surfaces.

WE ARE LOOKING FOR

We are looking for R&D managers who are not satisfied with pure application tests, who believe in deeper understanding, who are open to look outside the box and who are willing to be better than others by comprehensive insights to achieve science-based innovations.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our customers gain insights about physical-chemical properties of particles, fibres, polymers, porous materials and other products: surface energies, nano-morphology, surface polarities and acid/base properties, Hansen Solubility Parameters (HSP), diffusion coefficients, inner 3D-structure down to 16 nm, chemical composition of surfaces and layers – localized and down to 100 ppm and all results are well-understandable reports. In addition, we provide independent consultancy about analytical approaches.

TECHNOLOGY / PATENTS

Proven technologies: Inverse Gas Chromatography (IGC – surfaces are „sensed“ by 15-20 probe molecules), 3D Micro- and Nanotomography, Surface Mass Spectroscopy (ToF SIMS), Photoelectronspectroscopy (XPS), plus standard chemical analysis and material testing.

Strong network: 10 collaboration partners with best-in-class practises and expertises.

HISTORY / ASSETS / AWARDS / SPECIALS

Experience: 20 years experience as R&D director in the Special Chemistry Industry working in many different applications. Sandmeyer Award 2013.

Passion and believe: analytical methods, especially for surfaces, are unknown but can deliver most valuable insights about performances. Inolytix was founded 2014 to offer the industry a good way to explore unfamiliar analytical methods – in other words: decrease the activation energy, react faster!



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Christian Sonntag
Dipl.-Ing. M.Sc.,
Project Manager

WE ARE OFFERING

INOSIM provides high-performance software solutions for process simulation as well as consulting services to maximize the productivity, resource efficiency, and safety of your processes. We support you in simulation-based process design, optimization, scale-up, and maintenance and failure management, and we help you identify and remove bottlenecks in your production and logistics processes.

WE ARE LOOKING FOR

We are looking to establish new contacts with companies from related industries that are interested in boosting their productivity with process simulation and simulation-based services, such as chemical, pharmaceutical, food & beverage, biotech, and others. In addition, we are always interested in new contacts with potential cooperation partners and customers in the area of scientific research and development.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

INOSIM develops and distributes the Expert Edition, Process Edition, and Plant Edition simulation software suites. Plant Edition was designed for logistical and material flow analysis of single- and multi-product plants, and Process Edition is our process engineering tool for the comprehensive modeling, simulation, and analysis of processing systems based on material and energy balances. Expert Edition is our core product, offering a broad range of modeling options for both, batch and continuous processes for all process engineering stages. Our products can be extended with components for statistical analysis, mathematical optimization, and the inclusion of external thermodynamics databases.

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS

INOSIM Software GmbH was established in 2003 and has grown to become a leader in process simulation software, being a reference technology maker today. In 2010, INOSIM Consulting GmbH was established to provide support developing, analyzing, and optimizing the productivity and efficiency of industrial processes. Our customers and partners are global players such as Bayer, Siemens, BASF, CSL Behring, and Sanofi, but also smaller, highly specialized technology companies and renowned research institutes. INOSIM is an experienced partner in national and international scientific research projects, such as CLIB2021 and TOP-REF.



Christian Roemlein
CEO, CFO

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WE ARE OFFERING

We are offering highly innovative and unique fluids for professional cleaning that are free from harmful or dangerous substances. Intelligent fluids® are able to remove even persistent organic layers gently and effectively without harming sensitive surfaces. No chemical etching or dissolving processes take place.

WE ARE LOOKING FOR

We are looking for sales partnership in the industrial maintenance sector as well as investors that are active and involved in this field.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our highly innovative products are designed for industrial cleaning, material separation and stripping. They clearly demonstrate that gentle, eco-friendly ingredients and an outstanding effectiveness are not mutually exclusive. They achieve outstanding and fast performances while at the same time reducing process costs. Furthermore, intelligent fluids® are lacking toxic or potentially harmful chemicals and meet today's standards for eco-friendliness by using only biodegradable and pH neutral ingredients.

TECHNOLOGY / PATENTS

The groundbreaking technology of intelligent fluids® causes the penetration, fragmentation and gentle lift-off of adherent organic layers. During the process even sensitive substrates and surfaces are spared. Intelligent fluids® are composed of net-like as well as highly dynamic structures. Molecular interactions cause an intelligent, physico-chemical mechanism of action with targeted functionality and unique effectiveness. A variety of worldwide roof and application patents are granted.

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 2006, the major milestones of intelligent fluids GmbH included the market entry of its Antigraffiti systems in 2008, the market entry in printing industry in 2011 and the market entry in microelectronics in 2013. Furthermore, ongoing development collaborations as well as sales cooperations with worldwide renowned research institutes and companies shape the company's profile since the beginning.



Dr. Julian Bosch
CEO

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WE ARE OFFERING

We are offering highly advanced, nanoparticle based environmental groundwater decontamination technology

WE ARE LOOKING FOR

We are looking for partners for nanoparticle large-scale production

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We offer the whole spectrum of modern technologies for *in situ* soil and groundwater remediation: competent planning and design, high-resolution site investigation and modeling, innovative geotechnical methods and procedures, and precision sampling. Intrapore is also the world's first company that specializes in the development, commercialization and application of "NanoRemediation", i.e. the use of reactive nanoparticles and microparticles (NMP) for groundwater remediation.

TECHNOLOGY / PATENTS

Nano- and microparticles-based remediation methods (NMP- or nanoremediation), represent a significant advance in the *in situ* decontamination of soil and groundwater pollution. In the last 10 years, NMPs have been developed for a variety of pollutants in numerous research projects. The treatable spectrum of pollutants on an industrial scale currently includes VOCs, BTEX and heavy metals.

HISTORY / ASSETS / AWARDS / SPECIALS

Intrapore received an award as "outstanding research-based start-up project" and was classified by the German Federal Office for Economic Affairs as an innovative company..



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Dr. Nadine Heßler
CEO

WE ARE OFFERING

JeNaCell GmbH is a specialist for the development and technology leader for the production of biotechnologically derived cellulose. This high-tech biopolymer is a platform material for innovative medical and life style products as well as technical applications. The core for all our product lines is an IP-protected manufacturing process and implemented according to ISO 13485 standards.

WE ARE LOOKING FOR

- cooperation partners to development new products
- further investors for Series B funding planned in 2019

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

JeNaCell operates both as a manufacturer in the B2B business and as a distributor of proprietary products to specialist users.

- One of the major product lines, wound dressings, are sold worldwide as epicite+ hydro by QRSkin (CE registration of class IIb)
- Further product line in the field of dermatology and cosmetics (epi nouvelle+ naturelle)
- A high-tech biopolymer as base material for medical and cosmetic products (white label)
- A range of services for customer-specific order development and quality control is offered to the customer

TECHNOLOGY / PATENTS

- JeNaCell's product lines are based on an efficient serial production by "Horizontal-Lift-Reactor" (HoLiR)-production process, a globally unique (semi-) continuous production process of planar BNC
- Exclusive license for the use of a highly productive bacteria strain
- JeNaCell's planar BNC:
 - => allows a variety of modifications of the BNC material properties during the running production process
 - => allows for optional length and adjustable thickness on an industrial scale

HISTORY / ASSETS / AWARDS / SPECIALS

- Founded in 2012
- JeNaCell technology and production is protected by a comprehensive patent family
- This pioneering products and technology was awarded by, e.g., the Scienc4Life Venture Cup, the Thuringian Research Prize and Falling Walls Venture



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Dr. Aliz Kiss
CEO

WE ARE OFFERING

Kemialytics mission is to provide digital solutions for analytical chemistry. The company offers its Kemialytics Cloud, an integrated data management platform, as well as services such as digitization of documents and literature research and evaluation.

WE ARE LOOKING FOR

We are looking for new customers and potential investors.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The company recently launched the Kemialytics Cloud, a web-based tool for development, integration and administration of analytical methods across several laboratories in a company, but also in collaboration with external partners. Together with this platform, Kemialytics offers also the service of digitizing existing data and print files and providing ready to use literature reviews and evaluations.

TECHNOLOGY / PATENTS

At the very early stages Kemialytics developed mining systems and special search systems for analytical methods. Furthermore, the company developed algorithms for literature analysis by working with publishing houses to make research in analytical chemistry much faster. Just recently, Kemialytics developed an innovative platform for managing analytical methods together with the experience of software partner Peakfactor GmbH. Strong network: 10 collaboration partners with best-in-class practises and expertises.

HISTORY / ASSETS / AWARDS / SPECIALS

In 2013 Dr. Aliz Kiss started to think about several business ideas in analytical chemistry. The idea evolved from a complex database system over literature analysis algorithms to the current Kemialytics Cloud. Over the years Kemialytics was funded by the ESF scholarship, the EXIST program at the technical university Berlin and Climate-KIC Berlin. In 2016 the GmbH was founded.



Frank Mumme

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WE ARE OFFERING

Chemical vapour deposition (CVD) low temperature (< 450°C) film technology for thermal barrier, antisticking and corrosionprotection for metal surfaces in industrial processes

WE ARE LOOKING FOR

Clients, further application development, research/industry collaborations, funding. – Investors who are interested in an engagement in the field of surface coating technology

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Conformal coatings with excellent 3D ability for surface treatment of complex molds, tools and components. Metaloxides films with nano- or multilayerstructure with superior thermal barrier and sealing behavior.

TECHNOLOGY / PATENTS

- Metallorganic low temperature CVD technology.
- Processdesign- and Equipment development.
- Surface characterization.

HISTORY / ASSETS / AWARDS / SPECIALS

- Founded in 2013
- Development of CVD Equipment, 2 reactors for research and industrial coatings
- 2016/2017 international R & D collaboration with aerospace application



Pedram Zolgadri

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WE ARE OFFERING

Disposable plates that are entirely made of leaves

WE ARE LOOKING FOR

Business partners & investors

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

1m units sold in 2017

TECHNOLOGY / PATENTS

First, a highly efficient process of extracting cellulose from particular creeper leaves, and second, a water-repellant paper made from leaves only.

HISTORY / ASSETS / AWARDS / SPECIALS

Winner of more than 20 awards worldwide, e.g. Forbes Magazin for best EU Innovation 2016, German Startup of the Year 2014, KPMG Award for Best of Munich 2014



Dr. Christian Klose
Head of Research and Development

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WE ARE OFFERING

We are offering comprehensive, absolutely quantitative lipid analysis services for clinical and biological samples on a high-throughput scale. Customers and applications include biomarker identification for pharma, functional food development for the food industry and claim support for the cosmetics industry.

WE ARE LOOKING FOR

We are looking for customers with a need for lipid analysis: (1) biotech, pharma, clinical research: for drug discovery and biomarker identification, (2) cosmetics/ dermatology: cosmetic claim support, topical drug development, development of personalized cosmetics (3) food: development of functional food

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Lipid analysis as a service with the following USPs: (1) Global lipidomics with coverage of more than 2,300 individual lipids in 30 different lipid classes, (2) Absolute quantitation (internal standards), (3) Worldwide only lipidomics platform for which inter-site reproducibility and validation could be shown, (4) Robust technology with technical variation < 10%, (5) High-Throughput allows data delivery within 2 weeks, (6) Minimal sample amount needed (e.g. 1 µl of blood plasma, 60,000 cells)

TECHNOLOGY / PATENTS

Our lipid analysis services are based on our Lipotype Shotgun Mass Spectrometry Lipidomics Technology. Key publications about description and validation of our platform are:

Surma et al 2015; DOI: 10.1002/ejlt.201500145

Sadowski et al 2017; <http://dx.doi.org/10.1038/srep43761>

HISTORY / ASSETS / AWARDS / SPECIALS

Since 2014 Lipotype offers lipid analysis services with a primary focus on industrial and academic customers in Europe and North America. Lipotype is part of international networks such as IMI2 and Horizon 2020. Lipotype received various start-up and innovation awards. Lipotype is part of the program of the German Accelerator Life Sciences (GALS). Today, Lipotype is a leading provider for lipidomics analyses.

**Dr. Friedrich Streffer**

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WE ARE OFFERING

LXP provides LX-Technology by licenses and offers services for process integration to existing and new downstream processes. Furthermore, the products of the LX-Technology can be sampled, starting from amorphous LX-Cellulose up to D95 glucose and sulphur free LX-Lignin.

WE ARE LOOKING FOR

LXP is actively seeking partners that are interested (a) in integration to specific existing or new downstream processes or (b) in serial production of LX-plants or (c) in a co-investment opportunity.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

LX-Plants extract lignin and cellulose from a wide variety of plant residues for further biotechnological / chemical processing to a wide range of fuels and other chemicals. Compatibility with different fermentation processes like biomethane, bioethanol, lactic acid etc. has already be shown. With Serie A financing led by MIG AG and a €2.0m funding package from the ILB which just recently announced LXP ordered the construction of the first industrial LX-Demo-Plant with a volume of €2.5m at the end of last year.

TECHNOLOGY / PATENTS

In a nutshell, the LX-Technology is a chemical pre-treatment at ambient pressure and low temperatures (~70°C), ideal for using waste heat, providing amorphous cellulose and sulphur free lignin. In total, all major process areas like carbohydrate precipitation, lignin extraction and lignin purification are protected globally by 26 issued patents and 17 more patent applications in 4 patent families.

HISTORY / ASSETS / AWARDS / SPECIALS

2012: LXP seed financing, 2013: LX-Pilot-Plant operational, 2014: Integration to biomethane, 2015: Integration to cellulosic ethanol, 2016: Integration to lactic acid fermentation and isolation of sulphur free lignin, 2017: Serie A financing and engineering of LX-Demo-Plant completed, 2018: commissioning of LX-Demo-Plant, 2017 Finalist in PlanB Competition Bavaria in 2017 and winner of resource innovator award 2017



Alex Michine
CEO

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WE ARE OFFERING

1. On-shelf enzymatic solutions for biorefineries.
2. New chemo-enzymatic routes to renewable chemicals and plastics from lignocellulosic sugars
3. Affordable lignin fractionation process for smaller molecules in water-soluble conditions.

WE ARE LOOKING FOR

1. Customers for on-shelf enzymatic solutions
2. Strategic partners interesting in licensing MetGen technologies
3. Companies interested in developing new enzymatic process for bio renewable chemicals

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

1. SUNO Hydrolysis and saccharification
2. LIGNO Lignin fractionating to value added chemicals
3. PURECO Conversion of sugars to value-added chemicals

TECHNOLOGY / PATENTS

MetGen's enzymes are developed with its ENZINE® Technology Platform, which combines protein evolution technology and fermentation process development, enabling the recombinant expression of tailored enzymes that fulfil customer requirements, both technical and economic. MetGen is having 18 patents and patent applications

HISTORY / ASSETS / AWARDS / SPECIALS

MetGen was named in the prestigious 2013 and 2014 Global Cleantech 100 lists, produced by Cleantech Group, which highlights the most promising cleantech companies worldwide. In 2012, MetGen was among the top 25 Cleantech Start-ups from Nordic Cleantech, reaching the top 10 Cleantech Start-ups in the Nordics (Nordic Cleantech Open). MetGen was selected as Cleantech Company winner of the Eurecan European Venture Contest 2010. In October 2016 MetGen was selected by its industry peers as the most innovative technology presented in European Forum of Industrial Biotechnology (EFIB) and received the John Sime award 2016



Dr. Dirk Rosencrantz
Director Business
Development

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WE ARE OFFERING

System Engineering; Industrial Planning and Conception; Turnkey Solutions for Metal Free Clean Rooms; Particle Free Production; Testing Barrier Systems, Turnkey Metal Free Air Management, Data Management i4.0; Electronic Design; 95% Inhouse Production.

WE ARE LOOKING FOR

Corporate Partners, Corporate Ventures for Key Technology

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Metal Free Clean Rooms; Laminar Flow, Room in Room Solutions, PLC-Controlled ISO 14175-3; Remote Controlled; Glove Testing System fully Automatic WiFi; Data Migration; Integration of Data; Air Ventilation, Metal Free Filter Banks; Fully integrated in Data Management Systems; Development Programming (PLC, µC, Software); Design and Programming for Internet Of Things (IOT)

TECHNOLOGY / PATENTS

Own Developments and several Patents around our Products. MK-Versuchsanlagen is World Product / Market Leader of Glove Testing Systems

HISTORY / ASSETS / AWARDS / SPECIALS

30 Years Old, Founded in 1988; approximately 55 Employees, Nominee Clean Room Award 2016 (Clean Zone Frankfurt)



Klaus Schepers, PhD
Managing Director

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WE ARE OFFERING

LXP provides LX-Technology by licenses and offers services for process integration to existing and new downstream processes. Furthermore, the products of the LX-Technology can be sampled, starting from amorphous LX-Cellulose up to D95 glucose and sulphur free LX-Lignin.

WE ARE LOOKING FOR

We are looking for financial investors and strategic partnerships for future growth. For the time being we already have some opportunities which we would like to evaluate further.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our products include permanent active antimicrobial coatings (physical mechanism, free of biocides, no nanoparticles) and permanent active antimicrobial additives for plastics.

TECHNOLOGY / PATENTS

Our products are based on various independent patented technology platforms.

HISTORY / ASSETS / AWARDS / SPECIALS

Development of the technologies since 2011 with a focus on environmentally friendly solutions.



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Website www.myriamed.com



Dr. Timm Eifler

WE ARE OFFERING

Stringent preclinical screens will facilitate market entry of drugs. We offer a novel element to the preclinical drug development pipeline: Myriamed's Multi-Organ Toxicity/Efficacy Screen (MOSES) Myriamed offers a wide array of relevant 3 D organ surrogates for preclinical safety pharmacology and in vitro PD/PK.

WE ARE LOOKING FOR

Partners to use and develop our testing method.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Myriamed offers to screen the most promising compounds in your drug development pipeline and stratify their risk based on predefined safety and efficacy parameters. The most promising substances will be labeled as "myriamed approved" and stratified to guide late stage preclinical and early stage clinical development.

TECHNOLOGY / PATENTS

3 D cell based screening systems for use in drug development and safety pharmacology.

HISTORY / ASSETS / AWARDS / SPECIALS

Göttinger Innovationspreis 2014:
www.goettinger-tageblatt.de/Nachrichten/Wirtschaft/Regional/Myriamed-aus-Goettingen-prueft-Wirkstoffe-mit-kuenstlichem-Gewebe



Guido Hoettecke,
Owner

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Website -

WE ARE OFFERING

We are offering a fast track solution to make our customers ready for industry 4.0

WE ARE LOOKING FOR

We are looking for network partners to find and set up new use cases on our platform.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

n-kubus creates the digital twin of buildings and production sites. Using this data, we provide local based data services like process digitalization, indoor navigation or floor plans.

TECHNOLOGY / PATENTS

Our M3 mapping trolley is equipped with a 360 degrees camera system and 3D laser scanning and can scan up to 40000 m² per day. Our Indoor Viewer is a browser based publishing platform with many interfaces to connect ERP, asset management, web shops and many other applications.

HISTORY / ASSETS / AWARDS / SPECIALS



Dr. Christoph Geers
CEO

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WE ARE OFFERING

NanoLockin develops instruments for the detection and analysis of nanoparticles in consumer products. Besides the commercialization of these instruments, we are offering services for the characterization and analysis of nanoparticles in consumer products and in other complex environments like polymer compositions.

WE ARE LOOKING FOR

We are looking for customers either interested in purchasing instruments or using our analytics services as well as partners to further develop the detection and analysis of nanoparticles in consumer products.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

A first prototype exists and a first small series of instruments is under development. Further we have access to a very wide range of instruments (e.g. electron microscopes) for validation of our measurements.

TECHNOLOGY / PATENTS

The technology uses light of different wavelength for nanoparticle stimulation. Using lock-in thermography, an ultrasensitive infrared imaging technique, nanoparticles can be detected even in complex environments. Two patents were filed on the technology.

HISTORY / ASSETS / AWARDS / SPECIALS

The company was incorporated on the 31.01.2018. We passed stage 1 of the Venture Kick startup competition and were awarded TOP 25 in the venture.ch business idea competition.



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Dr. Tobias Neumann
CEO

WE ARE OFFERING

We are eliminating complexity of multiscale simulations, thereby enabling the uptake of scientific state-of-the-art modeling methods by industry and the incorporation of modeling into the product design cycle, and hence boosting the digitization of the R&D process.

WE ARE LOOKING FOR

We are looking for partners (SMEs or large enterprises) willing to incorporate/upscale modeling efforts in their R&D process with the aim to minimize experimental trial&error efforts. Being at an early stage, we appreciate thorough testing and feedback in order to adapt our solutions to the users' needs.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The workflow platform SimStack allows the quick incorporation of scientific software modules from any source and the drag&drop construction of complex simulation workflows within few hours. With minimal training, end-users can perform complex multiscale simulations on remote resources with high scalability and reproducibility. SimStack was successfully tested in the field of Organic Electronic materials (see www.nanomatch.com).

TECHNOLOGY / PATENTS

SimStack consists of a special client-server setup enabling the rapid prototyping of complex workflows, while hiding the complexity of high performance computing for the end-user. The server is based on the UNICORE architecture, handling job submission, job monitoring and the file transfer between software modules.

HISTORY / ASSETS / AWARDS / SPECIALS

SimStack was developed in line with the H2020 project "EXTMOS" funded by the EU.



Michael Steiner, Ph.D.
CEO

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WE ARE OFFERING

Our proprietary MJR®-Technology creates innovative micro/nano particles, fine emulsions, and encapsulations of a precisely defined size. The continuous, low-cost production process allows for practically unlimited industrial scale-up. We offer MJR® laboratory and production machines.

WE ARE LOOKING FOR

We look for cooperation partners with product know-how and strong global marketing & sales capabilities in specialty chemicals. Our business strategy is based on licensing and joint venture models.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

- Inorganic Disbarit nano (nano BaSO₄) dispersion additive for paints & coatings.
- Cement additives: NC Road for soil stabilization and concrete roads, NC CEM for all types of cement.
- Product development services and setup of on-site MJR® production capacity

TECHNOLOGY / PATENTS

MJR® technology with broad patent coverage.

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 2013, we work in many specialty chemicals sectors with many global customers and won a number of awards: Brandeins Innovator of the year 2017, Industriepreis 2016 microsystems category, Finalist German Industry Innovation Award 2016, Gips-Schüle Research Award 2015



Dr. Wolfgang Brysch
Business Development

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WE ARE OFFERING

We are offering two related technologies

- 1 Process to upgrade mixed waste oils/fats (plant/animal/fossil) to fully compatible (EN) drop-in diesel
- 2 Low-pressure, catalyst-free, process to convert lignocellulosic biomass to pure, stable H-C bio-crude

WE ARE LOOKING FOR

We are looking for: Investors (Equity) for scale-up to production scale and market entry. Strategic partners: i.e. Future operators of conversion plants; co-development/co-marketing; end users (refineries, chemical industry, Electric/heat utility companies looking for energy storage solutions).

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Technology and process to convert plant/animal triglyceride oils and fats into mixed-chain-length C8-C18 hydrocarbons with low-to-zero oxygen content => renewable low/no CO2 footprint diesel drop-in fuels. Developmental stage: pilot scale (0.5 t/d product), extended stable continuous process operation PoC. Lignocellulosic biomass-to-hydrocarbon (stable liquid bio-crude) conversion: lab-scale pilot (50kg/d)

TECHNOLOGY / PATENTS

International Patent portfolio for technology and process. Fully owned by company.

HISTORY / ASSETS / AWARDS / SPECIALS

Basic technology was developed at German University. Acquired by Nexxoil and further developed into operating process variants up to pilot scale (oil upgrading and lignocellulosic biomass-to-liquid process).



Dr. Klaus Schröder
CEO

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WE ARE OFFERING

Customized polymer synthesis, scaffolds for tissue engineering customised with biological actives

WE ARE LOOKING FOR

Collaborators, Investors

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Synthesis of Polyphosphazene polymers of defined length, scaffolds for tissue engineering, biocompatibility in vitro

TECHNOLOGY / PATENTS

Polyphosphazene chemistry, polymerisation, AT515955B1, PCT/AT2015/050151

HISTORY / ASSETS / AWARDS / SPECIALS

October 2016: Foundation of the company; 2017: Winner Business Idea Best of Biotech, Vienna; Winner Business Idea EDISON, Linz



Philipp Bürling
Co-Founder & CFO

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WE ARE OFFERING

NUMAFERM offers a robust and efficient platform technology for the production of recombinant peptides.

WE ARE LOOKING FOR

We are looking for customers that are either interested in our custom synthesis services or in antimicrobial or adhesive building blocks

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

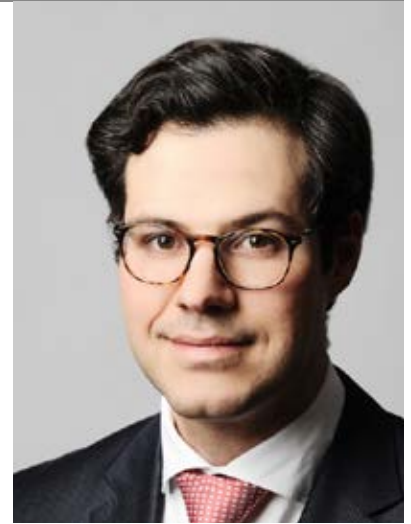
Custom Synthesis of Peptides, Feasibility Studies, Peptide Optimization, Antimicrobial Peptides, Adhesive Peptides

TECHNOLOGY / PATENTS

WO 2013057312A1 & WO 2014170430A

HISTORY / ASSETS / AWARDS / SPECIALS

NUMAFERM is a venture capital backed startup that was incorporated in January 2017. Amongst the investors are Qiagen co-founders and business angels Prof. Detlev Riesner and Dr. Jürgen Schumacher, High-Tech-Gründerfonds & Evonik Venture Capital. NUMAFERM has recently been awarded 2nd place in the "2017 EuropaBio Most Innovative SME Award"



Mr. Felix Weger
Sales Manager

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WE ARE OFFERING

The efficient digital solution to manage your industrial packaging in circles + the platform to match buyer and seller of used packagingactives

WE ARE LOOKING FOR

People who are interested in reducing the carbon footprint of their packaging, circular economy and waste reduction; Startups

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Packwise Marketplace Real Time Web Application

TECHNOLOGY / PATENTS

Real Time Web Application based on Meteor.js technology

HISTORY / ASSETS / AWARDS / SPECIALS

Speaker at Handelsblatt Convention „Tag der Chemie; Speaker at Achema Trade Show“



Dr. Peter Fröhlich
managing partner

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WE ARE OFFERING

PARFORCE offers an innovative and flexible technology, which enables the economic recovery of phosphate from a large number of raw materials like e.g. insoluble phosphates, sewage sludge ash, byproducts of wastewater treatment plants, filter ash.

WE ARE LOOKING FOR

The PARFORCE Engineering & Consulting GmbH is looking for partners and clients to establish its technology successful at the market. Potential partners and clients are companies, investors, organizations and associations for sewage treatment, which want to recycle their phosphate containing raw materials or act in comparable fields and markets.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The PARFORCE Engineering & Consulting GmbH offers consulting and practical studies, basic engineering of chemical plants comprising the PARFORCE technology, licensing of PARFORCE technology. The main product of the PARFORCE process is independent from the treated raw material phosphoric acid – a universal bulk chemical for the chemical industry. The proof-of-principle is done by a demonstration plant with a throughput of 1 ton per day input material, located in Freiberg, Saxony.

TECHNOLOGY / PATENTS

- DE 10 2016 212 242 8 & EP 17 179 487.8 Verfahren zur Herstellung von Phosphorsäure aus phosphorhaltigen Primär- und Sekundärrohstoffen
- DE 10 2015 208 690.9 & EP 16 169 183.7 Elektrodialytische Herstellung von Phosphorsäure und Vorrichtung
- DE 10 2015 203 395.3 & EP 16 157 263.1 Verfahren zur elektrodialytischen Herstellung von Lithiumhydroxid aus verunreinigten lithiumhaltigen wässrigen Diluaten

HISTORY / ASSETS / AWARDS / SPECIALS

The current phase of public funding amounts to over one million Euros over a period of 24 months and comes from the EXIST-Program, which is part of the German Ministry of economic affairs' High-Tech-Strategy. Aim of the funding is to bring the technology to market and to financially secure the seed-company's first steps. An additional funding of a quarter of a million Euros comes from the European Regional Development Fund (EFRE) provided by the State Ministry of Saxony for Higher Education, Research and the Arts.



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Alexander Lakemeyer, CEO
Heribert-Josef Lakemeyer,
COO

WE ARE OFFERING

We offer expertise in digitalized procurement and sales of different kinds of chemicals. Originally based in the plastics industry, we know the challenges of procuring and selling raw materials in the sector and have developed a deep understanding of how to utilize digitalization to optimize these processes.

WE ARE LOOKING FOR

In order to fully depict the European chemicals market on PINPOOLS, it is imperative to spread the word about this new technology and explain its various advantages. As a result, we are hoping to attract new users for our platform and partners in the industry helping us to further improve our technology.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

PINPOOLS is an online marketplace for chemicals. Following our slogan „pooling the world of chemistry“, we aim at connecting European suppliers and purchasers of chemicals. Purchasers publish requests for quotes (RFQs) on PINPOOLS and suppliers give their quotes accordingly, out of which the purchaser then chooses his best fit. The transaction takes place between the purchaser and supplier directly; PINPOOLS is merely the tool used to make contact and handle the transaction.

TECHNOLOGY / PATENTS

We use a matching algorithm to find potential business partners. Each supplier uploads a product portfolio and receives an automatic message once a matching RFQ has been published, thus gaining new customers without much effort. Purchasers, on the other hand, get access to previously unknown or inaccessible suppliers. As a result, the supply chain is secured and additional competition leads to an optimization in procurement costs.

HISTORY / ASSETS / AWARDS / SPECIALS

PINPOOLS is the only European platform which is entirely independent of manufacturers and merchants of chemicals, making it equally attractive for all suppliers and purchasers. Since going online in May of 2017, both the number of users and the amount traded via PINPOOLS have increased steadily; by now, almost all major German chemical merchants are presented on the platform. In the near future, PINPOOLS will implement services such as data sheet handling and logistics coordination.



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Dr. Jan-Christoph Wolf
Managing Director

WE ARE OFFERING

With our SICRIT®-Technology, we are offering the most sensitive and robust volatile organic compound analysis technique (electronic nose) in the market. Our technological approach is unique and applicable to almost every market like bio analytics, quality control, security & forensics, emission control, ...

WE ARE LOOKING FOR

We are looking for an investment of 250-500K to foster our position in laboratory market and to particular tap into industrial market. Furthermore, we are looking for innovative industry partners that are interested to establish a proof of concept of a new cutting edge industrial sensor technology.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We provide an „one for all“ measurement system which enables direct screening of volatile compounds. This system is offered as add-on module for mass spectrometers. Furthermore, the base system can be extended with additional modules e.g. the GC/SPME-module to combine the direct screening with gas chromatography. Furthermore, we plan to offer an all in one direct screening system for industrial purposes.

TECHNOLOGY / PATENTS

Existing patent in Germany, respective PCT procedure ongoing with priority date pendent. Second patent for Germany registered.

HISTORY / ASSETS / AWARDS / SPECIALS

Exist scholarship of the Federal Ministry for Economic Affairs and Energy, Nominated for TUM entrepreneurship award. Two patents (1 granted, 1 registered), product development for laboratory market finished, CE certified, strategic partnerships established (CTC Analytics, ETH Zürich, Axel Semrau) first reference customers won (EAWAG, Tofwerk, JRC (Laboratory of the EU). Since foundation (Mid 2016) 100k Revenue; exclusive distribution contract in laboratory market for ASG + Benelux



Kristians Grundstoks
Founder, CEO

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WE ARE OFFERING

Polylabs is an innovative chemical manufacturing company. We produce and sell bio polyol. Polyol is one of key raw materials in the polyurethane industry. Our bio polyol is produced using natural oils (rapeseed and tall oil). These polyols are then used to produce PU foams for thermal insulation products.

WE ARE LOOKING FOR

We are primarily looking for Investors for our next investment round 5m EUR. Joint product development partners are our interest as well.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We have three bio polyols ready, REACH pre-registered and upscaled for production. We have product stock and already buying customers. Our products are represented in 19 countries so far, mostly in Europe, by dominating chemical distributors like Brenntag, Biesterfeld, BCD chemie and other. Another three new polyols are in final phases of development. We have also developed a PU system for one customer. Our scientific capacity allows us to offer after sales service and PU system fine tuning.

TECHNOLOGY / PATENTS

We produce our bio polyols from renewable resources - natural oils (rapeseed and tall oils) and amines. Our production process is a one step chemical process which creates no waste and no hazardous emissions – green chemistry process. Our technology and access to local raw materials allows us to sell the product for a price in the same price range as crude oil based product. Our technology is based on know how of over 45 years of experience in polymer science.

HISTORY / ASSETS / AWARDS / SPECIALS

Founded 2014, partnership with one of top 3 best rated scientific institutes of Latvia, raised 200k EUR investment in 2014-2016, current production capacity 3000t p.a., Finished Green technology incubator, in 2017 accepted in Cleantech Scandinavia accelerator. Awarded in 12.2017 as the best start-up company from scandinavia by Business angels network Germany (BAND).



Dr. Jürgen Stebani
CEO

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WE ARE OFFERING

We are offering contract development of materials (monomers & polymers) ranging from lab (100 g) to pilot plant scale (100 tons) using the major polymerization techniques, technical consulting and high speed compound development via the "X-Plorator"® technology combined with design of experiments.

WE ARE LOOKING FOR

We are looking for companies aiming to realize their material ideas and looking for a partner in developing and/or taking their materials to the industrial scale as well as companies looking for material solutions for specific problems and applications or trying to speed up their innovation pipeline.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Contract R&D, polymer and monomer synthesis, compound development, design of experiments, consulting. We can help you find solutions for your process specific material requirements even on a small scale. New (support)polymers for 3D printing, biopolymers, polymerization process and blends based on PLA technology. New non-flammable foams/sheets for building insulation

TECHNOLOGY / PATENTS

Methods and devices for producing homogenous mixtures and for producing and testing moulded bodies
 DE20212963 (U1) US2005017412 (A1) EP1419040 (A2) EP1419040 (B1) WO03018287 (A2)
 Comprising the proprietary Polymaterials' "X-Plorator"® technology
 Planetary roller extruders (PRE)

HISTORY / ASSETS / AWARDS / SPECIALS

14 lab hoods	4 Startup awards	Sites: Kaufbeuren,
Lab synthesis (0,01 – 1 kgs), analytical methods	3 Innovation awards	Leverkusen
Compounding, injection molding, X-Plorator technology		
Mini plant synthesis (0,01 – 100 tons), 2019: Contract manufacturing (10 – 1,000 t/year)		



rise



Neil Jordaan
Head of Marketing

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WE ARE OFFERING

rise is an extensive software platform that enables the digital collaboration in field service as well as the documentation and storage of generated expert knowledge. Running on smart glasses using AR technology, rise helps to increase machine uptime and lower operational expenses.

WE ARE LOOKING FOR

We are looking for new customers and partners whom we can help to transform their service operations, increase machine uptime and lower their operational expenses.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

rise is a software as a service platform that can also be operated on premise. rise is already used from 15+ customers in a variety of industries on a day-to-day basis and can be delivered out of the box. Together with key partners, we are constantly developing the platform further. Additionally, we are offering workshops and consulting to make the most out of the implementation and resell the newest smart glasses in the market.

TECHNOLOGY / PATENTS

Core of rise is its video conferencing technology that works on all devices including smart glasses. It is specifically optimised for low bandwidth environments e.g. in industrial settings.

HISTORY / ASSETS / AWARDS / SPECIALS

rise was founded in 2015. Since then the startup grew into a dynamically growing software company with 13 employees. In under 3 years rise managed to work together with globally leading customers like Zeppelin Caterpillar.



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Email Martin.Reiber@chemie.tu-freiberg.de
Skype -
Website -

Martin Reiber, M.Sc.
coordinator RMF

WE ARE OFFERING

Production and recycling competences for many high technology metals, i.e. In, Ga, Ge.

WE ARE LOOKING FOR

Potential technology investors, support in customer/supplier contact, contacts or potential partnerships in the technology metals industry, exchange on recent developments in the field of metal processing.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The Proof of Principle has been given and published for indium, however, the method can easily be modified to other technology metals

TECHNOLOGY / PATENTS

Patent application DE Nr. 10 2017 107 097.4, patent application DE Nr. 10 2017 213 956.0, patent application DE Nr. 10 2016 225 288.7

HISTORY / ASSETS / AWARDS / SPECIALS

Supported by: Institute of Chemical Technology and Dr. Erich-Krüger-Stiftung (Freiberg University of Mining and Technology)

Sensospine

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Email christoph.janott@sensospine.com
Skype christoph.janott
Website under construction



Christoph Janott
Co-Founder

WE ARE OFFERING

10-20% of adults suffer from chronic neck pain. Muscle training is an effective therapy. However, to date, no existing training concepts adequately address this complex body region. Sensospine develops the solution for effective therapy of neck pain: a virtual-reality-based neck muscle training device.

WE ARE LOOKING FOR

Sensospine requires pre-seed funding for CE-certification (class IIa medical device), manufacturing of first batch for reference centers, initiation of clinical post-market trials.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Sensospine's unique design corresponds to the natural anatomy of the cervical spine. Virtual reality technology provides optical motion stimulation, fully controlled trajectories, physiologically adapted resistance forces. Results: Effective training reaching the important deep neck muscles, objectively measurable therapy results that are superior to existing therapy concepts.

TECHNOLOGY / PATENTS

Several clinical trials have been performed and published or are in press. The results show the superiority of visually triggered, somotoric neck muscle training with regards to muscle growth, range of motion, proprioception. The technical and medical proof of principle has been shown with predecessor prototypes. A patent has been granted for prototype design. Patent pending for current mechanics design.

HISTORY / ASSETS / AWARDS / SPECIALS

The project is based on more than 15 years of clinical research, co-funded by the German Research Foundation (DFG). Two major German rehabilitation centers are lined up as pilot customers and clinical partners.



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David Schönauer, M.Sc.
Managing Director

WE ARE OFFERING

You are using enzymes in your processes and products? SeSaM-Biotech tailors enzymes to your needs as a fee-for-service enzyme engineering provider offering "all-in-one" solutions

WE ARE LOOKING FOR

Industry worldwide employing enzymes in their processes and products. Partners from industry and academia for collaborative research on enzymes and peptide-related product development through publicly funded R&D projects (national, international, EU)

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

QuEst-Service: the premium enzyme engineering service following the „KnowVolution“ strategy including library generation (random/rational), computational protein modeling, protein expression studies, assay development (e.g. FACS), protein characterization studies, lab-scale protein production and consulting as well as attractive IP ownership agreements

TECHNOLOGY / PATENTS

- „KnowVolution“ – the Directed Evolution 2.0 to engineer enzymes effectively and efficiently
- State-of-the-art mutagenesis technologies "SeSaM" and "OmniChange"
- Proprietary expression platforms for *E. coli*/*B. subtilis*/*S. cerevisiae*/*P. pastoris*
- ToolBox for expression of toxic proteins
- Vast spectrum of ready-to-use assays to determine enzyme performance due to >20 enzyme classes already evolved

HISTORY / ASSETS / AWARDS / SPECIALS

- Founded 2008
- Science-4-Life Award for Business Model in 2009
- 4 enzymes patented by industry that were evolved by „KnowVolution“ strategy



Dr. Jakob Lopez
Geschäftsführer

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Website <http://logs-repository.com>

WE ARE OFFERING

We are offering interested parties the chance to invest in, or collaborate with, a young startup company that has discovered a pressing need for automatic and digitized research data repositories in academic and corporate research departments.

WE ARE LOOKING FOR

Due to a rapidly increasing interest from an international research community, we are in need of expansion, and are consequently looking for financial investors and companies interested in working with us to integrate and develop our product further.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our product is LOGS, an innovative data repository that retains research laboratories primary data and associated metadata by automatically storing measurements directly from the instruments. The data is kept in a central server, e.g. in the local lab, and enables scientists to access, filter, search & share scientific data using just the conventional web browser. LOGS is neither a LIMS nor an ELN, and can enhance the functionality of both by interfacing with these.

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS

Founded ca. 5 years ago, Signals GmbH & Co. KG is a startup company by former scientists from the J.W. Goethe University in Frankfurt am Main.



Prof. Dr. Stefan Seeger
Founder

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Email sseeger@silana.ch
Skype -
Website www.silana.ch

WE ARE OFFERING

SILANA offers materials and coatings for antiwetting applications including water and oil repellence and sustainable flame retardant solutions. Precise control of surface liquid interaction leads to unique properties and opens the doors for separation filter technology. SILANA's flame retardant materials offer the environmental safe replacement of environmentally hazardous chemicals.

WE ARE LOOKING FOR

We are looking for partners to commercialize SILANA's technology further in thermal insulation market including insulation of buildings, fabrics and flame retardant applications. Marketing partners in filter/separation industry and suppliers of thermal insulation raw materials (non-woven etc.) are required.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Superantiwetting thermal insulation materials, in particular nonwovens are available. We provide 100% environmental safe building insulation including flame retardancy from renewable materials. Further, we offer several filter systems, e.g. for continuous flow high efficient oil/water separation. Production plant is available.

TECHNOLOGY / PATENTS

SILANA's intellectual property is protected internationally in matters of technology, process, and application.

HISTORY / ASSETS / AWARDS / SPECIALS

SILANA is built on more than 10 years of research and development. Based on a strong IP fundament we have developed coating and composite products for mass markets.




Paulius Jovaišas
Director of Commerce

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Website -

WE ARE OFFERING

Organic nano fertilizers. Contracted manufacturing and ability to create fertilizers (chemical, organic or bacterial) in three months.

WE ARE LOOKING FOR

To inform people about nano fertilizers. That they are available at the market. Fertilizers that: 1) reduces water contamination, compared to sprayed nitrogen; 2) stimulates plants grow and yields up to 30 per cents. 3) reduces amount of nitrates in the plant

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Organic fertilizers

TECHNOLOGY / PATENTS

Patents are being prepared

HISTORY / ASSETS / AWARDS / SPECIALS

INOFEA has successfully completed its Series A+ financing round in 2017 and is now fully deploying its commercial activities.



Dr. Jörg Rathenow
general manager

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WE ARE OFFERING

"We care about concrete" and have innovative inorganic coatings for corrosion protection, sealing and decorative design of concrete. Therefore, we are shaping the future through individual protection of concrete through solution-oriented, environmentally friendly high-performance materials.

WE ARE LOOKING FOR

We are looking for strategic and / or financial partners for marketing and sales development and internationalization for our products (certified and ready to sell). Further we are looking for potential customers in the field of protection from hazardous goods, microbiological protection (biotechnology and food industry), clean room wall and floor protection, design floors and concrete protection.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We offer ready to use and certified powder products and liquid impregnation products as floor coating, easy-to-clean treatment, corrosion protection or waterproofing layers. We also offer the application of this products also under running production conditions, specialized for the chemical industry with e.g. explosion protection as a certified professional service company for WHG. Our products are tested positively with several reference applications like Sydney opera house, Thyssen Krupp or BASF plants.

TECHNOLOGY / PATENTS

A future for concrete! Target are innovations in the construction through the development and sale of coatings and construction materials based on inorganic binders. The products combine in sensational way unique properties with more comfortable and safer processing with excellent environmental compatibility. The products are suitable to replace polymer coatings and cement products. There is an international patent base existing about the material class, the manufacturing process as well as the applications.

HISTORY / ASSETS / AWARDS / SPECIALS

The Sinnotec Innovation Consulting GmbH is a company incorporated in April 2009. The Sinnotec products have a much better resistance and therefore a greater long-term durability with excellent physical and environmentally properties. They are innovative, sustainable, unique, environmentally friendly, labelling free, recyclable, CO₂-neutral and can be effectively produced and processed with existing systems know-how. Because of the interesting technology and promising business planning, Sinnotec was laureate of the "Hessischen Gründerpreis" and winner of the "Gründerpreis der Region Wiesbaden".



Christian Gulde
Head of BigData

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WE ARE OFFERING

Data acquisition, Data storage systems, Data analysis, Real time evaluations

WE ARE LOOKING FOR

New cooperation, Knowledge transfer

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Data evaluation system including storage solution and user defined analysis.

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS

STABIZYM

leading transglutaminase innovations



Dr. Stefan Marx
Managing Director

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WE ARE OFFERING

We are offering unique transglutaminase products for food, feed and biomedical applications. Transglutaminase is an enzyme capable of cross-linking and functionalizing a broad spectrum of proteins

WE ARE LOOKING FOR

We are looking for partners interested in food & biomedical applications applying transglutaminase, cooperation in R&D possible

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Stabizym offers a broad range of highly concentrated transglutaminase products, either in liquid or powder form. Furthermore, special formulations could also be delivered.

TECHNOLOGY / PATENTS

Largest production plant for transglutaminase production, sophisticated downstream processing. Patent application for liquid transglutaminase formulation (PCT/CN2016 /082178, pending)

HISTORY / ASSETS / AWARDS / SPECIALS

Company founded 07.2017, Management has long history of experience on transglutaminase R&D, products and applications; direct access to industrial production and R&D facilities



Sascha Knauer
Founder, Managing Director

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WE ARE OFFERING

Sulfotools offers an alternative to the state of the art peptide manufacturing process with cost savings up to 50%. Applying the proprietary Clean Peptide Technology, organic solvents can be completely replaced with water – finally combining sustainability with cost optimization.

WE ARE LOOKING FOR

At the moment, we are focused on the optimization and scale-up of the process. We are looking for investors and strategic partners, who are interested in a side-by-side scale-up of our technology.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

The Clean Peptide Technology developed by Sulfotools is based on water-soluble protecting groups. Their intrinsic fluorescent properties, allow for the first time for a real-time monitoring of the reaction progress. Additionally, Sulfotools has developed an efficient purification concept and a simple waste water treatment option. The technological proof-of-principle was validated at laboratory scale. At the moment we are working on the scale-up of the process with industrial partners.

TECHNOLOGY / PATENTS

As the proof-of-principle of the Clean Peptide Technology was successfully validated at laboratory scale, the process was filed in as PCT application. The technology can be transferred to other fields of application and expanded into a technology platform. Therefore, two additional patent applications were filed in 2017 to secure and extend the technology.

HISTORY / ASSETS / AWARDS / SPECIALS

The Sulfotools GmbH was founded in March 2016. At the moment, Sulfotools is working on the scale-up of the technology and the manufacturing of market relevant pharmaceutical and cosmetic peptides for the validation and generation of prototypical models with industrial partners. By successful positioning within the Science4Life Venture Cup 2015, StartGreen Award 2015, Winner German Brand Award 2017 etc., substantial interest of potential customers could be generated within the last 3 years.



Dr. Christian Mathis
Business Development
Manager

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WE ARE OFFERING

SuSoS AG is a Swiss company specialized in innovative coatings and surface analytics. With our technology we add value to products, for example by making a catheter more lubricious, a microfluidic channel permanently hydrophilic or a cell-culture consumable resistant to biomolecular attachment.

WE ARE LOOKING FOR

SuSoS AG is looking for companies eager to penetrate existing markets and create new markets through surface technological advancement. Over the past decade together with our partners we have successfully improved existing technologies and brought new innovative products to market.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

SuSoS AG owns a library of molecular platform technologies able to modify even the most challenging material surfaces. This proprietary coating technology combined with an array of in-house analytical instruments, able to characterize surfaces down to the nano-domain, and a state-of-the-art industrially automated coating center make SuSoS a unique partner to advance product development, launch interim production and deliver to global markets.

TECHNOLOGY / PATENTS

SuSoS AG holds a constantly growing portfolio of patents on surface reactive chemistries and surface functionalization techniques.

HISTORY / ASSETS / AWARDS / SPECIALS

SuSoS AG was founded in 2004 by Dr. Samuele Tosatti (CEO) and Dr. Stefan Zürcher (CTO) as a spin-off from the ETH Zurich. In 2007, the company moved into its own research and production facilities with a total area of more than 700 m². Over the past years, our science-based, practical applications have been successfully brought to the market.



Dr. Akshay Patel
CEO

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WE ARE OFFERING

Solve your toughest materials and manufacturing process innovation problems. Simulation software and decision reports service that powers up to 100x faster R&D iterations by helping you deal with increasing R&D complexity and reduce time-to-market for products that meet complex market demands

WE ARE LOOKING FOR

New customers and partners to deliver business value with 10x ROI

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Simulation software, Reports service, Data service

TECHNOLOGY / PATENTS

Integrated simulation of product and process performance, manufacturing costs and brand risk (regulatory and environmental) with machine learning capabilities and data acquisition support

HISTORY / ASSETS / AWARDS / SPECIALS

Existing customers include Fortune 100 company, Partnership with SAP



Yogesh Shinde, Ph.D.
AGM-Business Development

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WE ARE OFFERING

A suite of integrated, end-to-end discovery, development and manufacturing services for novel molecular entities across industrial sectors including pharmaceutical, biotechnology, agrochemicals, consumer health, animal health, cosmetic, nutrition and polymer companies.

WE ARE LOOKING FOR

Innovator companies who are searching for the right partners for outsourcing of discovery, development and manufacturing services for their novel molecular entities.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Contract Research, Contract Manufacturing, Discovery Chemistry, Biology and Biologics, Bioinformatics, Oligonucleotides and Clinical Development Services.

TECHNOLOGY / PATENTS

1. asymmetric Synthesis, organometallics, asymmetric Hydrogenations, flow chemistry, chiral resolutions, heterocyclic chemistry.
2. Development of polymers via ROP, FRP, RAFT, ATRP and poly-condensation routes, silicone polymerization to develop PDMS and functional PDMS

HISTORY / ASSETS / AWARDS / SPECIALS

Incorporated in 1993, Syngene is a global scientific service provider offering end-to-end drug discovery, development & manufacturing services. Our global clientele includes leading industry players from the pharmaceuticals, biotechnology, nutrition, agrochemical, animal healthcare, cosmetics industries. Syngene's competitive advantage comes from its world-class R&D & manufacturing infrastructure spread across 1.3 Mn sq. ft. area, a large scientific talent pool of over 3100 qualified scientists and an impeccable track record of quality and compliance. It has to its credit six successful USFDA and 2 EMA certifications. Syngene was awarded the Bio Services Excellence Award, 2017 at the Bangalore Tech Summit.



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Guy Helin
CEO

WE ARE OFFERING

Syngulon introduces a new genetic technology (US Patent 9,333,227 + NEW patents filed in 2017) focusing on the control of microorganisms for biocatalysis. The patent is based on the use of bacteriocin/immunity in any bacteria, yeast or algae for controlled growth of microorganisms.

WE ARE LOOKING FOR

We are looking for companies using microbial fermentation looking for key issues:

Gene containment / Yied increase / Contamination prevention / Genetic drift / Antibiotic-free selection

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Syngulon has demonstrated at lab scale the efficacy of its selection technology and is working with customers to use its selection technology for the production of recombinant products. Syngulon is also providing services in order to identify contaminants in biocatalysis processes by metagenomic analysis. We have already analysed samples from 4 bioethanol plants in Europe based on sugar beet and starch in order to identify the bacterial contaminants they are facing.

TECHNOLOGY / PATENTS

US Patent 9,333,227: Controlled growth of microorganisms (Patent pending in EU, China, India and Brazil)
+ US Divisional aplication 20160213005

US Patent Application 62552835: Methods and compositions for making bacteriocin

EPO Application 17208600.1: Fermentation process

HISTORY / ASSETS / AWARDS / SPECIALS

Syngulon is a synthetic biology startup founded by Dr Philippe Gabant, CSO and Guy Hélin, CEO. Dr Philippe Gabant is the inventor of 2 other selection technologies, the first one for bacteria (clones) having recombinant plasmids (ULB patents), exclusive license Invitrogen (now Thermo Fisher), the second one for biopharma expression system without antibiotics (ULB patents), licensing via Delphi Genetics, non exclusive licenses to Sanofi Pasteur, GSK and Merck/MSD.



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Fabian Rühle
CEO

WE ARE OFFERING

Tagxter's „Site Guide“ is a mobile app which offers navigation and orientation on industrial sites (e.g. chemical parks). The „Site Guide“ can also be used from any desktop computer and can be used to manage road works/construction areas and communicate them to site's visitors or employees.

WE ARE LOOKING FOR

Operators of industrial or chemical sites which are searching for a safe, smart and digital navigation (truck, car or pedestrian) and orientation solution for their suppliers, visitors or employees, which takes all the construction areas, ex protection zones etc. into account while guiding the user to his destination.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Together with our customers we have realized several „Site Guide“ projects on many different sites over the last three years. The system is usable on any site and can be adjusted to all the specifics of the respective site. Please contact us for further information on the different projects and the possibilities that come with our product.

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS

Founded in 2015 by four business IT specialists at the University of Cologne, Tagxter has been awarded with a scholarship by the German Federal Ministry for Economic Affairs and Energy (BMWi) and was official representative of North Rhine-Westphalia's digital industry at the CeBIT in 2016.



Youri R. Mesmoudi
Executive Vice President

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WE ARE OFFERING

Contract research, custom organic synthesis (e.g. reference standards, polymeric dispersions, dyes, additives, functionalized monomers), process development and production from µg up to 1000 kg/a.

WE ARE LOOKING FOR

Companies from diverse industries like coatings, printing inks, paints, lubricants, sealants, adhesives, performance plastics, consumer goods etc. with a demand for customized fine and specialty chemicals.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Taros's services cover the full range of organic chemistry research and production from lab scale to 1000 kg/a. This includes route scouting and retrosynthetic analysis to help you to reduce costs, eliminate process steps and increase independency from third party key raw materials vendors. We are also involved in national and international funded research collaborations and local grant agencies.

TECHNOLOGY / PATENTS

Taros has developed TarosGate®, a unique software suite putting cost, time and chemistry information at a project leaders finger tips – 24/7 from anywhere in the world. Recently our scientists successfully propelled our customer's patent application. The invention relates to a novel thermoreversible hetero Diels-Alder crosslinker for applications in the field of, for example, self-healing or recyclable materials.

HISTORY / ASSETS / AWARDS / SPECIALS

Since our inception in 1999 Taros successfully delivered more than 10,000 syntheses, research and process chemistry projects to a global base of more than 250 customers.

Since 2013 we are heading the chemistry efforts of the largest single-funded drug discovery project (European Lead Factory, 196 Mio EUR).



Marcel Tilmann

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WE ARE OFFERING

Novel extreme pressure additives in the use for lubricants. The EP- Bioadditives replace toxic chlorinated paraffins. The product does not harm the human health or does not pollute the environment. We offer the intellectual property plus the know-how of two years of development work.

WE ARE LOOKING FOR

Either licensees, investors, or purchaser of the complete IP bundle

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our formulations are ready for use in state of art lubricants. The technical performance of our additives meets industry standards. Numerous industry-compliant test series prove the positive properties. We recommend our applications in metalworking, gear/motor, and machineries in the food or pharma industry, hydraulic machinery operating in environmentally sensitive areas

TECHNOLOGY / PATENTS

WO2015/024561A2, EP000003036313A2; US020160201001A1

HISTORY / ASSETS / AWARDS / SPECIALS

Several years of development work by an excellent chemist



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Website www.thesixthelement.com.cn



Bernhard Münzing
Sales Director

WE ARE OFFERING

We are offering the graphene oxide, reduced graphene oxide and graphene including suspensions

WE ARE LOOKING FOR

We are looking for partners to develop graphene enhanced materials in Europe similar to the success we have already in China.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Sixth Elements graphene types are used already in China in corrosion protection coatings (existing market product), touch panels of watches (existing product), batteries (existing product), in fibres, tyres, EPS, PE pipes (ready to be launched).

TECHNOLOGY / PATENTS

Proprietary production technology (patent protected), 42 patent families (production and application)

HISTORY / ASSETS / AWARDS / SPECIALS

Founded 2011, stock listed company with a capacity of 130 t/a of graphene and 100 000 m²/a graphene film, leading graphene supplier, REACH registration ongoing (member of Graphene Consortia) .



Timm Witte
Co-Founder & CRO

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Country Germany
Phone +49 176 241 708 56
Email Timmwitte@therapyguide.eu
Skype -
Website www.therapyguide.eu

WE ARE OFFERING

The focus of TherapyGuide GmbH is on, elicitation, aggregation and the distribution of data from the health-care sector.

WE ARE LOOKING FOR

We are looking for strategic- and cooperation partners, as well as potential market operators how could be interested in the acquisition of TherapyGuide.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

TherapyGuide is offering an B2B software solution that allows customers from the pharmaceutical industry, to analyse and evaluate healthcare data, provided by doctors and patients about prescript medicine and therapy adherence for example.

TECHNOLOGY / PATENTS

The TherapyGuide system has a modular structure, the doctors have a cloud based patient and therapy dashboard where the doctor could set up the individual therapy for each patient. The so created therapy, which includes all medication, activities and vital data the patient should measure (blood glucose, blood pressure, etc.), will be automatically transferred to the TherapyGuide patient smartphone app.

HISTORY / ASSETS / AWARDS / SPECIALS

2015 Founded

2016 Winner of the "Plug & Work program" from the economic promotion "Hannover Impuls"



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Email Wilfried.hatke@topas.com
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Website www.Topas.com



Dr. Wilfried Hatke
Manager Marketing & Sales
Europe

WE ARE OFFERING

TOPAS Advanced Polymers is the world's leading maker of COC (cyclic olefin copolymer), a glass-clear polymer for healthcare, optics, packaging, and electronics applications. From insulin delivery, prefillable syringes, medical diagnostics to food contact films, TOPAS is the high performance material of choice.

WE ARE LOOKING FOR

We are looking for projects that can take advantage of the benefits our products offer for application development in packaging and diagnostic applications.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Based on more than 15 years of experience in the described fields, we can support you in finding the most suitable material for your intended application.

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS



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Country USA
Phone +49 176 202 555 70
Email kurt.herrenknecht@unchainedlabs.com
Skype Kurt.herrenknecht
Website www.unchainedlabs.com



Kurt Herrenknecht, PhD.
Strategic Account Manager

WE ARE OFFERING

Unchained Labs is a provider of automated, high-throughput workflow solutions for materials discovery, organic chemistry/catalysis, formulations and analytics. The products are fully configurable and enable parallel, microscale, and large scale experimentation across a range of chemical & biologics applications.

WE ARE LOOKING FOR

We are looking for customers who want to optimize their R&D activities to increase productivity (i.e., dramatically reduce costs per experiment) while driving innovation for challenging development activities by rapidly exploring large design spaces with minimal amounts of precious material.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Our range of products comprise the Freeslate full automation workflow platforms, Junior automated benchtop solutions, automated analytical walk-up systems, systems for automated buffer exchange and concentration, and a comprehensive LEA data management suite that brings together the context of experimental design, sample processing information (composition, process conditions, etc.) and analytical results.

TECHNOLOGY / PATENTS

Unchained Labs owns >300 patents including those that cover critical elements of reaction screening workflows such as heated liquid dispense, heated sealed filtration, sampling and addition during a reaction, automated in-situ sampling from pressurized reactions, monitoring gas uptake, and performing arrays of reactions. Additional technology and patents cover other automated, parallel sample processing (e.g., buffer exchange) and analytics for high-throughput characterization.

HISTORY / ASSETS / AWARDS / SPECIALS

The automated, high-throughput workflow solutions (hardware and software) from Unchained Labs have more than 20 years of successful deployment, originating with technology from Symyx, and subsequently Freeslate and Unchained Labs have further enhanced capabilities and added applications. Our high-throughput systems have led to a range of novel discoveries in the industry, from novel formulation conditions to commercialized catalysts for a range of chemistry applications.



Prof. Dr. Jan Münch
Prof. Dr. Frank Kirchhoff

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Skype frank.kirchhoff2
Website www.uniklinik-ulm.de/molecular-virology.html
www.uni-ulm.de/nawi/nawi-zfp/

WE ARE OFFERING

We are offering 1) peptide libraries of human origin allowing the identification of therapeutic peptides against cancers, infectious diseases and other disorders; 2) transduction enhancers to boost retroviral gene transfer, and 3) CXCR4 antagonists for treatment of cancer and inflammatory diseases

WE ARE LOOKING FOR

Industrial Partners with interest in utilization of human-derived peptide libraries for drug discovery, licensing of novel effective and safe peptide nanofibrils as transduction enhancers, and licensing/development of a novel class of CXCR4 antagonists for therapy of CXCR4-linked diseases (cancer, inflammation, other

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

Peptide libraries derived from human body fluids and tissues for drug discovery (PoP shown in various studies/projects); optimized peptide nanofibrils as safe and highly efficient enhancers of retroviral gene transfer in vitro, ex vivo and in vivo (PoP for in vitro and ex-vivo gene transfer); optimized peptidic antagonists of CXCR4 for the treatment of CXCR4-associated oncologic or inflammatory diseases (PoC shown by in animal studies)

TECHNOLOGY / PATENTS

Peptides with antagonistic activities against natural Cxcr4. PCT/EP2014/062252; CXC chemokine receptor 4 (CXCR4) antagonistic polypeptide. PCT/EP2008/058566; Viral infection enhancing peptide US8652483B2.

HISTORY / ASSETS / AWARDS / SPECIALS

Publications in Cell, Nature and others; more than 15,000 citations; several awards from academia and industry, ERC Advanced Grant, Leibniz Award, SFB1279



Fabian Eschenbach
Head of Healthcare and Logistics

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Website www.va-q-tec.com/de/

WE ARE OFFERING

We are offering highly efficient tech products and solutions in the field of thermal insulation and cold chain logistics. The company develops, manufactures and sells innovative, thin vacuum insulation panels ("VIPs") and phase change materials ("PCMs").

WE ARE LOOKING FOR

We are looking to introduce chemistry industry experts to the unique products and services offered by va-Q-tec in the field of cold chain insulation.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

va-Q-tec has been pioneering the development of innovative solutions in the insulation industry on the basis of energy efficient, space saving and environmentally friendly vacuum insulation panels (VIPs). In addition to VIPs, va-Q-tec develops high-performance thermal packaging and airfreight containers as well as heat and cool storage elements (PCM). The efficient technology saves expensive energy costs in the transport of pharmaceutical products, appliances, automobiles, buildings, technology & industry.

TECHNOLOGY / PATENTS

va-Q-tec offers the worldwide largest VIP product portfolio and holds more than 50 active international property rights, including the copyright for our unique quality control solution va-Q-check®. Additionally, va-Q-tec undergoes regular certification procedures by TÜV SÜD in accordance with DIN EN ISO 9001, ISO 5001, and ISO 1401. We are specialists in the manufacturing of other components like cold and heat storage units (phase change material - PCM), specially produced in our own facilities.

HISTORY / ASSETS / AWARDS / SPECIALS

The success story of va-Q-tec began in 2001 with the spin-off from the ZAE Bayern, the Centre for Applied Energy Research, in Würzburg. This is where CEO Dr Kuhn and Head of Development Dr Caps worked together on researching the development of new insulation materials. va-Q-tec now has over 15 years of experience with the manufacturing and processing of VIPs and is regarded as a hidden champion and the largest VIP manufacturer in the Western world.



Marcus Stein
CEO

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Website www.watttron.de

WE ARE OFFERING

We are offering a revolutionizing heating technology initially developed for thermoforming processes. Our heating system can heat up materials, such as plastic foils, defined, very precise and heterogeneously. Thus savings on material and energy are possible through optimal thermoforming processes.

WE ARE LOOKING FOR

We are looking for new partners and new applications. Our heating system cannot only be used in thermoforming processes, but everywhere where defined temperature distribution and/or an efficient heating is needed.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

We offer several products. cera2heat is our standard matrix heater that can be used in many heating processes. cera2seal is designed for sealing applications. We also build customized heaters for specific customer needs and new applications. In addition, we offer simulation services for the optimization of polymer processes.

TECHNOLOGY / PATENTS

Our heating system is protected by several patents (granted as well as registered). As a result of numerous publications and winning several awards, the trade marks of watttron are already well known. Therefore, the trade marks are registered as well. During the past years of development watttron has acquired a lot of internal knowckledge about the technology – invaluable IP that is necessary for the dimensioning, manufacturing and simulation of the heating system.

HISTORY / ASSETS / AWARDS / SPECIALS

watttron was founded in February 2016 as a spin-off from Dresden University and the Fraunhofer Institute. The founders are the three inventors of the patents plus an Economist with industrial experience. watttron has already acquired many customers, amongst them many global players. The company has just started a first development project for a customer from the chemical industry and is now looking forward to more application areas and new customers in this industry.



Dr. Oliver Rhode
Founder & CEO

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Email oliver.rhode@xenopschemicals.com
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Website xenopschemicals.com

WE ARE OFFERING

Customer specific sourcing of critical raw materials. If you have any molecule which is hard to find – challenge us!

WE ARE LOOKING FOR

New business and networking contacts.

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

XENOPS Chemicals is a new specialist sourcing company focused on the fine chemicals and life science industries. Our core business is to find new intermediates and new sources for established raw materials or single-source chemicals. Our dedicated team consists of local senior experts, who have an international industry background. We understand and fulfill the expectations of our clients regarding quality, compliance, sustainability and price.

TECHNOLOGY / PATENTS

HISTORY / ASSETS / AWARDS / SPECIALS

XENOPS Chemicals was founded in late 2016. We are privately owned and not obligated to any stakeholders. Consequently, everything we do at XENOPS Chemicals is designed to fulfill the needs of our clients.



Mr. Herman Bottenberg
Marketing & Sales Manager

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Website www.zeton.nl

WE ARE OFFERING

As the world's leading designer and builder of innovative Lab Scale Systems, Pilot Plants, Demonstration Plants and Small Modular Production Plants, Zeton helps its customers bring their new technology and processes to market, faster, with less risk and lower costs.

WE ARE LOOKING FOR

Are you looking for a partner, which provides the expertise in designing and building process systems to prove your scaled up technology?

PRODUCTS, SERVICES / PROTOTYPES / PROOF-OF-PRINCIPLE

With state-of-the-art, integrated design-build facilities in Enschede, The Netherlands, and Burlington, Ontario, Canada, Zeton provides the following: Modular design and fabrication of complete process plants across a broad range of industries and applications. Comprehensive factory testing and training of our customers' operators. Packing, crating and preparation for transportation to final destination. The modular nature allows for a minimum site interruption for reassembly and acceptance testing.

TECHNOLOGY / PATENTS

Zeton applies scale specific solutions in engineering and construction of skid mounted process plants. Projects are realized in a vast range of industries, amongst which Oil&Gas, Pharma, Chemicals, Biobased fuels and chemicals, CO2 utilisation, Petrochemicals, Food, Paper & Pulp. Solutions are successfully provided for lab- and pilot environment and industrial locations, including full automation. For standalone plants or large scale projects, an integrated building/process plant delivery is possible.

HISTORY / ASSETS / AWARDS / SPECIALS

Throughout our history, Zeton has continually achieved new milestones. We credit our success to dedication in meeting or exceeding customer requirements and expectations, an extraordinarily high staff retention rate, industry-leading expertise and the loyalty of our valued customers worldwide. Zeton was founded in 1986 and has completed more than 750 projects in over 45 countries across 6 continents.

Exhibitor profiles



BCNP
Consultants

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Tobias Kirchhoff

COMPANY DESCRIPTION

In its four core areas of expertise, Biotech, Chemistry, Nanotech and Pharmaceuticals, BCNP Consultants offers a speedy and efficient access to and overview of each topic to assess technologies, for marketing or financing purposes.

- BCNP Strategy & Market - Tobias Kirchhoff
- BCNP Connect & Business Development - Dr. Holger Bengs

INNOVATION IN CHEMICALS & MATERIALS

Brightlands Innovation Factory

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Email Patrick.vandermeer@brightlands.com
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Patrick van der Meer
Director Dealflow
Management

COMPANY DESCRIPTION

What we offer: Networking, cross-innovation workshops, consulting, offices for rent and services for entrepreneurs, start-up companies and young enterprises within the chemistry-oriented sector. What we look for: Entrepreneurs, start-up companies and SMEs within the chemistry-oriented sector.



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Cornelia Gärtner
Leiterin des Kreisverbandes
Wirtschaftsregion
FrankfurtRheinMain

COMPANY DESCRIPTION

The German Association for Small and Medium-sized Businesses. The BVMW is a politically independent association which caters for all commercial branches and professions, and represents the interests of small and medium-sized businesses in politics, with administrative authorities, with trade unions and with major companies. BVMW concentrates the power of small and medium-sized businesses

- fights for an improved economic and political framework at national as well as at regional and local levels
- influences legal Bills and regulations
- creates a platform for the opinions of small and medium-sized businesses.

ADCS, DTT, SMALL MOLECULES, PHYTOCHEMICALS



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Website www.cfmot.de



Michael Schaeffler
Project Manager

COMPANY DESCRIPTION

Cfm Oskar Tropitzsch GmbH – your GDP-Certified supply partner for pharmaceutical-, biotechnological products as well as for excipients. We supply the product you are looking for. To achieve these goals we use our excellent know how and worldwide network of qualified experts.

Contract manufacturing • Payloads for ADCs • Phyto Reference Materials • Small Molecules



Name chem2biz im TZL-TechnologieZentrum
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Innovationszentrum Ludwigshafen

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Website www.chem2biz.de



Dipl.-Wirtsch.-Ing. Michael Hanf
Geschäftsführer und
Projektleiter

COMPANY DESCRIPTION

What we offer: Networking, cross-innovation workshops, consulting, offices for rent and services for entrepreneurs, start-up companies and young enterprises within the chemistry-oriented sector. What we look for: Entrepreneurs, start-up companies and SMEs within the chemistry-oriented sector.

CGMP MANUFACTURING



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Website www.chemcon.com



Hirsch Reinhard
Head of Business
Development

COMPANY DESCRIPTION

ChemCon is a CDMO producing specialty chemicals, advanced excipients, and drug substances on demand to your specifications. We specialize in transferring research and development projects from chemical synthesis development, via process scale-up and validation, into fully cGMP-compliant processes. Our facilities are optimized for the production of small to medium quantities (g to multi 100 kg p.a.). We also offer external analytical services, independent from production services.



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Website www.chemiepark.de



Max Fuhr
Director Corporate Investment

COMPANY DESCRIPTION

Plug & play offices, laboratories, pilot plants and greenfields; full market access to services & integrated feedstock (eg. Cl, HCl, SiCl₄): ideal conditions for scale up while minimising cost for Startups, SMEs and corporations. Covering 1,200 hectares, the Chemical Park Bitterfeld-Wolfen is one of the largest areas for chemical and pharmaceutical companies in Europe. By its extensive infrastructure, developed industrial estates and comprehensive service providers, the location offers optimal conditions for successful growth and cost minimization.

CRM, CUSTOMER ENGAGEMENT



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Vincent Rijnbeek
Sales Manager

COMPANY DESCRIPTION

CRM Partners is one of the leading implementation partners for Microsoft Dynamics CRM in Europe. Everything we do is focused on making you loved by your customers. We believe that being loved leads to customers who stay longer, buy more and recommend you to others. We build systems of engagement and create the right mindset at organizations all over Europe to let them become customer engagement companies. We are specialized in Chemicals/Agri, Professional Services and Finance.



The Planetary Roller Extruder

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Website www.entex.de



Dipl.-Ing. Thomas Malzahn
Marketing Manager

COMPANY DESCRIPTION

The planetary roller extruder covers the whole bandwidth of the compounding technology. It is used in the Plastic, Colour, Rubber, Chemical, Food, WPC Industry. Service worldwide.

TRANSLATION



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Ms. Kristina Bitvai
Managing Director

COMPANY DESCRIPTION

Eurideas Language Experts provides professional translation and interpretation services. We specialise in chemical, technical, medical translations, as well as in other fields such as EU legislation, law, environment, health and many more. Our native speaker chemical translators are experts of the REACH regulation and other related EU, international and local legislations. We have a great experience in translating SDSs and other regulatory documents, we have translated more than 3 million words during the last year. We work in more than 50 languages.

EXPERTANTS®

...always one step ahead!

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Özlem Weiss, PhD
CEO

COMPANY DESCRIPTION

Expertants delivers everything that is needed to set up a new business. On-demand! You need it? You get it! You're done? We're gone! Interested in our start-up mind-set? Send your teams. Are ideas waiting in your drawer? We'll prototype them. More? We'll finalize your product. Regulated industry? We make sure your medical devices are compliant. Expertants combine the agility of a start-up, the solution-driven methods of a consultancy and a comprehensive technical and industry expertise in materials, additive manufacturing and medical devices.

BIOBASED ECONOMY



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Skype -
Website -



Dr. ir. Stefan Ruyters

COMPANY DESCRIPTION

Flanders Biobased Valley is a non-profit organisation supporting the development of sustainable bio-based activities through collaborative projects, innovation support to companies and communication. FBBV established an industrial cluster on biofuels and -energy in the port of Ghent and cofounded Bio Base Europe Pilot Plant. Currently, FBBV coordinates SuperBIO, a H2020 funded project that builds new value chains and provides innovation support to start-up and SMEs. A unique opportunity!

**FLANDERS
INVESTMENT
& TRADE**



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Phone +49 221 254928
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Skype -
Website www.flandersinvestmentandtrade.com/invest/en



Katharina Desmet
**Economic and
 commercial attaché**

COMPANY DESCRIPTION

Interested in doing business in Flanders, the heart of the Benelux? Want to know more? Let us help you!
 • We can introduce you to other companies, banks and regulators • We organize site visits. • We assist with legal aspects of setting up a business • We are the official government agency • Our services are completely free • We are a team of international experts

LEARNED SOCIETY



GESELLSCHAFT
 DEUTSCHER CHEMIKER

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 (GDCh, German Chemical Society)
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Dr. Hans-Georg Weinig
**Director Education, Career
 and Science**

COMPANY DESCRIPTION

The German Chemical Society (GDCh) is the largest chemical society in continental Europe with more than 30.000 members from academe, education, industry and other areas. GDCh with its 27 divisions, 60 local sections and 54 young chemists local groups supports chemistry in teaching, research and application and promotes the understanding of chemistry in the public.



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Website www.houseofpharma.de



Dr. Otto Quintus Russe
Managing Director

COMPANY DESCRIPTION

Particular focus of the House of Pharma & Healthcare is placed on: Encouragement of cross-linked, future-orientated research in the pre-competitive area. Training of highly qualified staff and junior executives. Establishment of an independent and neutral discussion platform for an interdisciplinary solution to problems in the health system.

CATALYSIS – FROM IDEA TO IMPLEMENTATION



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Josefina Jernberg
Research Engineer & Marketing

COMPANY DESCRIPTION

At Hulteberg we have specialised in research, development, production of catalysts and their implementation to enhance the time-to-market of our customers. We also perform other services related to our core business such as scale-up and toll manufacturing of catalysts.



Erik Driessen
Head of Industrial Water

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COMPANY DESCRIPTION

Isle is a global independent technology innovation consultancy that revolutionises the way that sustainable solutions are commercialised. Through scouting and due-diligence we unearth early stage technologies and connect them with end-users and investors in the following ways: 1) TAG – a network of >150 Utilities and industrial water users, disseminating technologies collaboratively. 2) Online Databases – general as well as topical repositories & expert communities. 3) Consultancy – bespoke services such as technology overviews, market surveys, site audits etc.

Save the Date!

3rd European Chemistry Partnering



26 February 2019
Frankfurt, Germany

2019

www.ecp2019.com



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Dr. Battist Rábay, CEO
Dr. Adrian Stelzer, CTO

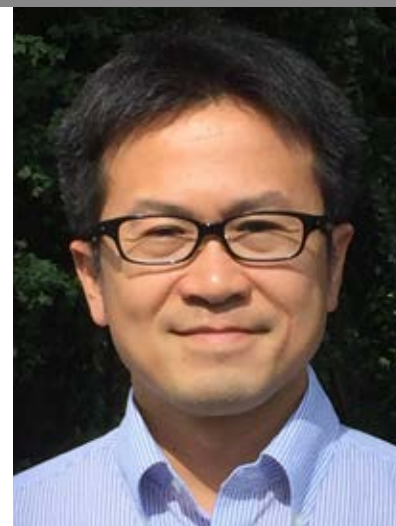
COMPANY DESCRIPTION

We produce and sell sinter pastes, e.g. silver sinter paste for assembling of high performance electronics. In addition, we offer personalised sinter solutions and process implementations of our materials. With our materials the performance and the life time of nearly each high performance electronic device can be improved clearly.

GAS DETECTION & SENSORS



Name RIKEN KEIKI GmbH
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Website www.rikenkeiki.com/de/



Shintaro Ono
Managing Director

COMPANY DESCRIPTION

Gas detection and portable gas monitors for your industry - In July 2017 the Japanese gas detector manufacturer RIKEN KEIKI Co., Ltd., with more than 75 years of experience in gas detection, established a subsidiary in Frankfurt am Main, Germany. RIKEN KEIKI GmbH is looking forward to support the chemical industry as well as laboratories and R&D facilities to create a safer work environment.



Dr. Peter Wonerow
Project Lead

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COMPANY DESCRIPTION

Science4Life is a German initiative to support founders of start-up companies in the field of Life Sciences, Chemistry and Energy. Science4Life is focused on the annual business plan competition specialized in Life Sciences, Chemistry, and Energy – the Science4Life Venture Cup. More than 300 expert advisers from over 190 institutions are supporting the initiative by acting as coaches. The spectrum of partners covers all areas that are essential for new innovative entrepreneurs.

‘SMART’ ANTICORROSIVE ADDITIVES



Frederico Maia, PhD
R&D Director

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Country Portugal
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Skype fred.maia83
Website www.smallmatek.pt

COMPANY DESCRIPTION

- Production and development of multifunctional additives for incorporation in 'smart' coatings and admixtures used in Aeronautic, Automotive, Maritime and Construction industries.
- Monitoring, characterization and co-development of coatings for corrosion and biofouling protection, using new and innovative nanotechnology solutions, including controlled release of active species.

**Dr. Peter Koeberle**

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Website www.tcichemicals.com/de/de/index.html

COMPANY DESCRIPTION

TCI (Tokyo Chemical Industry) is a leading, Japan-based manufacturer of specialty reagents and bulk chemicals. The company's product portfolio contains more than 28,000 products, from which 1/3 are unique to TCI. Up to 1,500 new products are added to the portfolio per year. TCI's products are dedicated especially to researchers engaged in synthetic chemistry, life science, glycoscience, materials chemistry, and analytical chemistry, as well as other research fields. Additionally, TCI provides custom solutions including contract synthesis and bulk manufacturing.

CONCRETE INNOVATION



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COMPANY DESCRIPTION

VERHAERT New Products & Services is an 'integrated product and services development' and 'innovative engineering' company active in innovation for almost 50 years. We can help you as we differentiate through our 'CONCRETE IDEATION', our focus on TECHNOLOGY TRANSFER (running the ESA TTPO European Network) and by focusing on multi-disciplinarity (OI) where we activate our own Labs with experts out of our international network, making these working together using our own approach and expertise.



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COMPANY DESCRIPTION

VITO is your reliable partner to increase the sustainability and profitability of your chemical and biochemical processes. Since 25 year we assist industry with innovative separation technologies, developing new value chains from renewable resources, and creating new intensified processes. VITO will further assist you in derisking innovation, bridging the gap from gram to ton scale with a fleet of skid mounted pilot units.

CSR SOFTWARE



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Website www.wesustain.com

COMPANY DESCRIPTION

WeSustains CSR software enables companies to establish a software-supported non-financial reporting, as well as manage, improve, and report their sustainability performance on a global basis while mitigating sustainability risks. Based on our modular approach, a perfectly fitting solution can be easily tailored for each individual customer. WeSustain was founded in 2010 by an experienced management team and is today one of the leading software providers of Enterprise Sustainability Management.

Moderators

DR. CORNELIA BÄHR



Cornelia Bähr is project manager at b.experts GmbH, active in the technology transfer and company building in the non-pharma biotechnology and chemistry. Cornelia supports the company building through her technical expertise as biochemical engineer and her strong background in innovation management from different positions at the cluster CLIB2021 and the Association of the German Chemical Industry.

DR. OSWALDO DA COSTA E SILVA



Oswaldo da Costa e Silva is an accomplished global executive with proven track record of creating value in human nutrition, pharma, bio-based performance materials and agricultural biotech industry leaders for 20 years. He is a strategic adviser of pharma and life sciences companies on strategic growth initiatives on innovation themes: market insights, business model creation, business alliances and Venture Capital funding.

ANETTE HABERMANN



Corporate Excellence Consulting performs Business Partner Matchmaking, Leadership Consulting and Business Development. Our passion is to take our clients to the next level! We connect e.g. clients with innovative patents in the Sustainable Industry with investors and Project Developeris and leverage our broad, international Business- & Diplomatic Networks to contribute to our clients success.

DR. DOROTHEE KRONE



Dr. Dorothee Krone founded in 2002 together with four colleagues from VIATRIS (former ASTA Medica) the Prolytic GmbH - an independent GLP/GCP testing laboratory. Prolytic analyses biological samples delivered mainly from pre-clinical and clinical studies. The experienced Prolytic team develops and validates analytical methods according to FDA/EMA guidelines and evaluates pharmacokinetics.

ANINDYA MUKHERJEE



Anindya Mukherjee, founder of i2i Consulting, is a Global Business Executive with 20 years of enterprise leadership success for high-growth organizations. His background covers strategic operations, M&A leadership, new business development, finance, innovation management and acceleration, change management, and staff management. Anindya has steered 6 technology start-ups and M&As across 3 continents.

i2i-Consulting is a Management Consulting Practice focused on Biotechnology, Plastics and Chemicals and is based in the United States and in Germany.

DR. ULF STALMACH



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PROF. DR. CARSTEN SUNTROP



Prof. Dr. Carsten Suntrop is managing partner of CMC≤ GmbH - a consultancy for strategy development, organizational design and organizational performance, which focuses on chemical producers, chemical sites and chemical logistics.

In addition, he is a professor of business development and organizational performance at the European University of Applied Sciences (EUFH).

DR. MARCEL VAN BERKEL



Marcel van Berkel is CEO of VanBerkel Consultancy and an accomplished, versatile and passionate Business Professional with 20+ years' experience. With experience in business development, business strategy, marketing & branding and business management, VanBerkel Consultancy bridge your company to the next level of success. Offering support in defining and executing your business development and market strategy. VanBerkel Consultancy is specialized on the markets Clean-tech, Renewables, Polymers & Materials, Petrochemicals.

DANIEL WAUBEN



Daniel Wauben studied economic geography at the RWTH Aachen and started working for ChemCologne in 2009, since 2015 as the managing director. ChemCologne is an initiative with the goal of developing competitiveness within the Rhineland chemical industry, increasing awareness, and making it more attractive to domestic and foreign investors.

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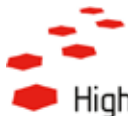
DROOMS GMBH



Drooms is supporting due diligence processes for biotechnology companies and pharma corporations as part of financing processes, licensing, M&A transactions and the protection of intellectual property when exchanging documents with third parties. For the first time, Drooms NXG

introduces self-learning software into its virtual data room. The findings manager feature helps to speed up the due diligence process and assesses potential risks and opportunities.

HIGH-TECH GRÜNDERFONDS MANAGEMENT GMBH



High-Tech Gründerfonds

High-Tech Gründerfonds (HTGF) is a powerful engine that drives the success of tech-driven start-ups. Armed with expertise, entrepreneurial spirit and passion, the experienced team of investment managers and start-up experts guide top companies on their journey until the exit phase.

HTGF focuses on high-potential start-ups active in the sectors of software, media, internet, hardware, automation and robotics, life sciences (medical technology, diagnostics, biotechnology) and chemicals.

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pharmaceutical therapies to treat cancer or multiple sclerosis, cutting-edge systems for scientific research and production, to OLED materials for displays and lighting.

WESUSTAIN GMBH



WeSustain develops modular software for companies that need future-oriented solutions to manage their sustainability and CSR activities. These include data management, the value chain, non-financial reporting and the optimization of business processes while reducing sustainability risks. The company

was founded in 2010 by an experienced management team and is today one of the leading CSR software providers.



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