

Danish Delegation Visit in Tuebingen

AGENDA

JANUARY 16 | 2024

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|---------------|--|
| 10:00 | Arrival in Tuebingen, Meeting point at CeGaT GmbH Paul-Ehrlich-Str. 23, 72076 Tuebingen |
| 10:15 – 11:30 | Visit at CeGaT GmbH |
| 11:30 – 11:45 | Walk to HB Technologies AG Paul-Ehrlich-Str. 5, 72076 Tuebingen |
| 11:45 – 13:00 | Visit at HB Technologies AG |
| 13:00 – 14:00 | Break – Lunch & Refreshments & Group picture at HB Technolgoies AG |
| 14:00 – 15:00 | Short presentations (10 minutes each) to initiate two discussion rounds Cytolytics GmbH Cyber Valley Mira Vision Microscopy GmbH Q&A Session I Discussion round |
| 15:00 -15:15 | Coffee Break |
| 15:15 -16:15 | IntegraSkin GmbH NMI Natural and Medical Sciences Institute at the University of Tübingen Q&A Session II Discussion round |

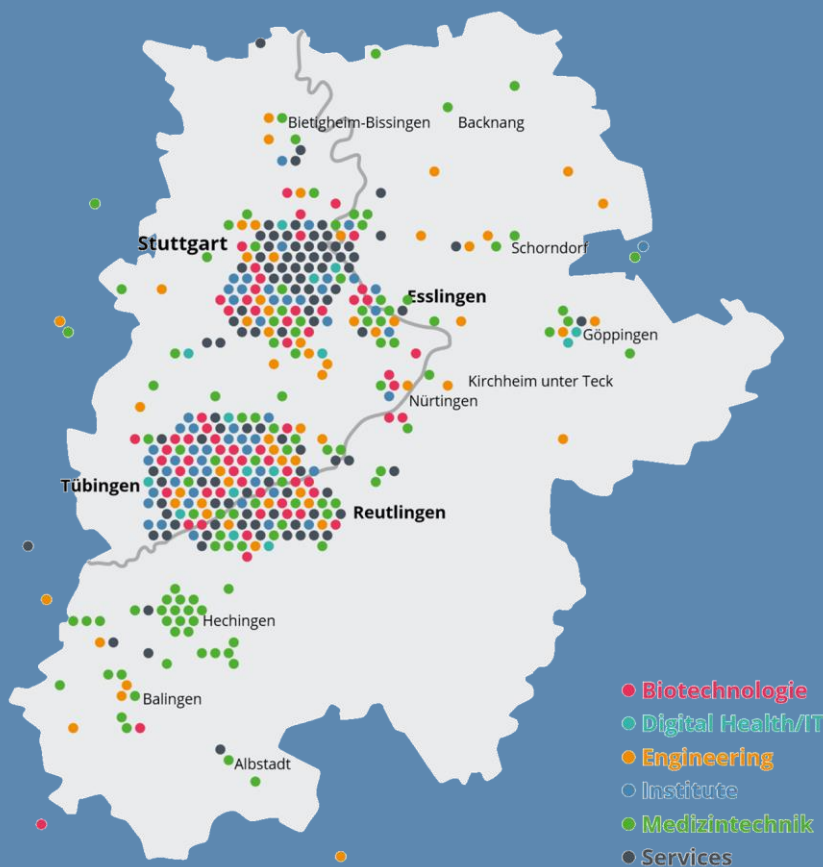


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- 16:15 – 17:00 Networking session with introductory rounds of Danish Delegates
- 17:15 – 20:00 Networking dinner at the restaurant Faros
Waldhäuser Str. 70, 72076 Tuebingen

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The STERN BioRegion covers the regions of Stuttgart and Neckar-Alb and the cities of Tübingen and Reutlingen – known worldwide for their automotive manufacturers – and is also home to over 120 small and medium-sized medtech companies. One of the cluster’s key features is its combination of established family businesses, hidden champions and over 110 fledgling biotech companies.



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ABOUT THE GERMAN SMES & RESEARCHERS

CeGaT GmbH

CeGaT is a global provider of genetic analyses for a wide range of medical, research, and pharmaceutical applications.

Founded in 2009 in Tübingen, Germany, the company combines state-of-the-art sequencing technology with medical expertise - with the aim of identifying the genetic causes of diseases and supporting patient care. For researchers and pharmaceutical companies, CeGaT offers a broad portfolio of sequencing services and tumor analysis. CeGaT generates the data basis for clinical studies and medical innovations and drives science forward with its own insights.

The owner-managed company stands for independence, comprehensive personal customer service, and outstanding quality. CeGaT's laboratory is accredited according to CAP/CLIA and DIN EN ISO 15189, and thus meets the highest international standards. In order to obtain first-class results, all processes are carried out in-house under scientific supervision.



HB Technologies GmbH

HB Technologies AG develops technical software for customers from the biotechnology and medical technology sectors and consists of the divisions In-vitro-Diagnostics (IVD) Development & Testing, Laboratory Processes, Health Software, Digital Assistants and Instruments. HB Technologies' interdisciplinary team develops innovative and efficient solutions using the latest methods from information technology, automation, data analytics and artificial intelligence.

HB Technologies is ISO-certified and has 30 years' experience in developing, testing and operating digital solutions for automation in industry and research settings and with laboratory devices across a wide range of applications.

The company was founded in 1992 and is located in Tübingen's Cybervalley. HB Technologies includes the subsidiaries Intavis Peptide Services GmbH & Co. KG, SensoRun GmbH & Co. KG and the US-based HB Technologies Inc. A worldwide network of customers and project and trading partners complement the organization.



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ABOUT THE GERMAN COMPANIES & RESEARCHERS

NMI Natural and Medical Sciences Institute, Reutlingen

Since its foundation in June 1985, an interdisciplinary team of scientists has been conducting application-oriented research at the interface of biological and material sciences. Our mission is the transfer of knowledge and technology into practice. Over the years, work at the NMI has laid the foundation for numerous economic innovations. Our research work has resulted in spin-offs that have successfully established themselves on the market, true to our guiding principle: NMI achieving results. We accompany companies and public research organizations from idea creation to market approval and market launch of new product and beyond, because we analyze and evaluate the results with the client after comprehensive testing and thus explore new areas together. Our service portfolio also includes sub-projects and individual services, such as first-class consulting, precise technology assessment, successful funding applications, concept development and/or project coordination. In addition, we offer testing services in the accredited area and thus guarantee the highest quality and reliability. Over the years, the NMI has established itself as a stable bridge between research and industry and has a solid network of collaborations and partners. In addition, the NMI is a member of innBW - the Baden-Württemberg Innovation Alliance.



MIRA Vision Microscopy GmbH

MIRA Vision was founded 2021 as a spin-off from the Pattern Recognition Lab of the Friedrich-Alexander-University Erlangen-Nuremberg. We develop AI-solutions for fast, accurate and reproducible quantitative image analysis in microscopy and digital pathology. At MIRA Vision Microscopy we are convinced that our innovative technology will bring the power of Machine Intelligence into microscopy to help researchers and pathologists to analyze data at unprecedented scales.



Cytolytics GmbH

Cytolytics is an innovative startup that offers automated analyses for flow cytometry data as a reliable cloud- solution. Leveraging advanced technology, Cytolytics streamlines and enhances the analysis of flow cytometry data, providing a user-friendly and efficient platform. Our mission is to empower researchers and professionals in the field by delivering accurate and timely insights, ultimately advancing the pace of discovery and innovation.



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ABOUT THE GERMAN COMPANIES & RESEARCHERS

IntegraSkin GmbH

At IntegraSkin GmbH we are one step ahead in AI for personalized medicine in dermatology. What we do:

1. Personalized skin and blood analysis of patients suffering from chronic inflammatory skin diseases (CISC), such as atopic dermatitis, psoriasis, contact dermatitis, urticaria and melanoma, among others.
2. Disease discovery for drug testing or repurposing: Using our repository of patient molecular data, we identify subphenotypes or endotypes of CISC patients who could benefit from a new drug candidate or an already approved drug for a different disease.

How we do it: By combining OMIC technologies and our AI pipeline, we identify disease mechanisms and optimal therapeutic approaches in each patient. Our OMIC technology generates high-throughput data from microcompartmentalization of a small skin sample, allowing us to generate deep neural network (DNN) algorithms robustly trained to identify disease mechanisms in each patient. These results are then compared with all available scientific literature using our natural language processing (NLP) system, which helps us to tailor the optimal therapeutic approach on a patient-by-patient basis. Finally, we perform proof-of-principle in vitro assays to validate the optimal therapeutic approach predicted by our AI pipeline.



Cyber Valley

Cyber Valley is Europe's largest and leading center for excellence in artificial intelligence and modern robotics. Its mission and public mandate are to advocate for research, development, application, and acceptance of technologies and methods in the field of intelligent systems. Cyber Valley attracts the best people worldwide to create the future with AI in which the full potential of intelligent systems is leveraged for the greater good of the world. The Cyber Valley Community is a network of AI researchers, entrepreneurs, investors, and start-ups, plus partners from academia, industry, and society. The Cyber Valley GmbH is owned by the State of Baden-Württemberg and the Max Planck Gesellschaft. It acts as the central organizer, service provider, and host for the Cyber Valley Community. The GmbH is located in Stuttgart and Tübingen but operates across Baden-Württemberg. As a national, European, and global driving force, it attracts the best people from across the world to create the future with AI.



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ABOUT THE DANISH DELEGATES



Alerto Care Technologies ApS

Jørgen Holm
Sensor, tracking and alarm technology



Bioneer

Kim Holmstrøm
Danish innovative specialty CRO, creating customized research service solutions that meet your needs



Brane ApS

Jens Branebjerg
Sensor technology for measurement of circadian rhythm



Copenhagen University Hospital—Mental Health Services

Nicole Lønfeldt
Research field, AI and ML assisted tools for children and adolescents with OCD & Other mental illnesses



Danmarks Tekniske Universitet (DTU)

Line Clemmensen
Research field, ML and statistical learning, in low-resource modeling, representation learning and evaluation of ML/AI



EvoPlexus Medics

Serkawt Khola
Focus on Precision Medicine and Individualised Healthcare using our own AI Platform and technologies



gMendel

Chris Kvriakidis
Combines Genomics, AI / Machine Learning, Blockchain for faster diagnostics

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Innovationsklinikken

Ivan Harry Butler

Focus on supporting and sometimes initiating new ideas for the benefit of patients and clinicians. The function of the department is both the classic Technology Transfer Office (TTO) as well as an innovation facilitator



Synaptic ApS

Eivind Antonsen Segtnan

A virtual medical laboratory that reduces expenses, advances diagnostics, and provides a fully automated scientific experience

ABOUT THE ORGANIZERS



Danish Life Science Cluster

Danish Life Science Cluster is the national cluster organization for life science and welfare technology in Denmark. We aim to convert Danish research and knowledge within life science and welfare technology into new and improved commercial solutions for the benefit of businesses, healthcare systems, municipalities, and citizens in Denmark.



BioRegio STERN Management GmbH

Since 2001, BioRegio STERN Management GmbH has been active as an economic developer for the life sciences. It promotes innovations and start-ups on behalf of the public sector, thus helping to strengthen the region and the industry as a whole. It is a central point of contact for founders and entrepreneurs, including those from cooperating high-tech sectors such as automation and IT.