

The Laboratory of the Future in Dubai

European LabTech visionaries presented the Laboratory of the Future at the Merck X-Innovation Summit on November 23, 2017, in Dubai, United Arab Emirates (UAE).

Dubai 12/04/2017: The X-Innovation conference in Dubai was one of the highlights of the intensive work of Merck's innovation team in 2017. This event brought together innovators from the pharmaceutical, life science, digital health, and lab tech industries. The participants included former and current start-ups from Merck's Accelerator Program as well as experts from Merck and Dubai.

Under the title "The laboratory of the future: How start-ups can disrupt the industry", labfolder presented together with the British sharing platform Clustermarket and the Karlsruhe-based start-up cubuslab on how to use laboratory data and resources more efficiently.

"We believe that the division of work in the laboratory will continue to increase in the near future," says Dr. Simon Bungers, CEO of labfolder. "But the real challenge is that laboratory processes - from ideation to the choice of the optimal experiment design to implementation and documentation - is a highly specialized value chain."

To help scientists gain access to specialist knowledge and high-tech equipment, Johannes Solzbach co-founded the London-based start-up Clustermarket. "On our platform researchers can find equipment that other labs are offering to share. You can access the hardware that is too expensive for you to purchase yourself, and even more: You can find the experts for the respective application as well," he states.

When the necessary lab instruments are found, that is where cubuslab comes into play. The cubuslab platform enables the remote control and monitoring of laboratory equipment and data extraction. "Our users can virtually monitor every work step in real time and thus always understand whether everything is running smoothly in the lab," explains Julian Lübke, Head of Product and co-founder of cubuslab.

The data generated in this way can then be directly adapted and structured with labfolder so that all individuals involved in the process can have controlled access to the results.

By interconnecting their services, these three visionaries want to make possible what has long been standard in the IT industry: the simple and cost-effective outsourcing of tasks that are not part of their customers' core competencies, secure monitoring of processes, and the seamless combination of the work results on one common platform.

"The digital revolution was only possible because specific technology and knowledge became accessible to start-ups via the Internet. The combination of our services is an

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enabler for the industry as it makes usually expensive experiments many times cheaper and more accessible," Bungers noted during his presentation at the Innovation Summit.

Munya Chivasa, head of the Merck Accelerator and organizer of the event, is happy about their close relationship with the young innovators: "As a company that conducts its own research and at the same time is active as a laboratory supplier with brands such as Sigma-Aldrich and Millipore, we intensively think about what the laboratory of the future will look like. This future is also very much driven by start-ups, so we're happy to be in touch with labfolder, cubuslab and clustermarket as lab-tech disruptors of tomorrow."

Press kit

Link to photos, videos and screenshots: [17-11-29 Press kit - labfolder cubuslab clustermarket](#)

About labfolder GmbH

labfolder provides a well-designed productivity platform for research teams, supporting scientists in their quest to make groundbreaking scientific discoveries. labfolder's software as a service (SaaS) makes it easier to record, retrieve, share, discuss, & validate research data as a team.

labfolder is used by more than 16,000 international scientists in all disciplines. It is used in academia as well as by industrial and pharmaceutical scientists in R&D, analysis, and production labs. labfolder offers a free version for up to three team members, whilst prices for the advanced version are available at www.labfolder.com/pricing

labfolder was founded in 2013 by molecular biologist Simon Bungers (CEO) and biophysicist Florian Hauer (COO), who were later joined by Yannick Skop (CCO) and Mario Russo (CTO).

The increasing demand of digital solutions for managing growing amounts of scientific data in a regulated environment has resulted in the continuous growth of labfolder, which is supported by investors such as Peppermint Ventures, the IBB Beteiligungsgesellschaft, Vogel Ventures and a consortium of other expert business angels.

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About cubuslab GmbH

cubuslab helps scientists in their daily work by connecting, integrating, and automating digital processes, thereby increasing efficiency and creating space for more creativity and curiosity.

With the cubuslab internet-of-things platform, laboratory devices, and equipment, can be remotely controlled and monitored. Data is stored centrally and is always available everywhere. Digital data acquisition avoids

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errors compared to manual data transfer to a laboratory book or LIMS system and, thanks to automated documentation, experiments can be reproduced without any additional effort.

The cubuslab GmbH was founded in 2015 in Karlsruhe by Dr. Dominic Lütjohann (CEO) and Julian Lübke (Head of Product), and it works with various DAX 30 companies from the pharmaceutical and chemical industry on solutions in the areas of monitoring, asset management, and lab execution.

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About Clustermarket

Clustermarket is an online marketplace helping scientists to get easy and affordable access to equipment and services they need for their research. The equipment and services listed on Clustermarket are offered by universities, other research institutions, and businesses. The London based company aims to foster innovation by supporting collaboration and enhancing transparency between academia and industry. Existing resources can be used more efficiently, hence research becomes more affordable and less time consuming.

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