

PRESS RELEASE

Fraunhofer ISIT scientists and CURIT Biotech Holding GmbH establish CAMPTON Diagnostics UG

New On-Site Diagnostics Helps Quickly Identify Viral Diseases and Improve Patient Care

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CAMPTON Diagnostics UG was founded in 2016 as a spin-off from the Fraunhofer Institute for Silicon Technology and is now being launched. The company develops and markets complete measuring systems for point-of-care diagnostics, i.e. for on-site examinations of patients. The founders come from Fraunhofer ISIT and CURIT Biotech Holding GmbH. With the establishment of the company, they hope to advance the certification and market launch of their research products. The focus here is on rapid infection diagnostics for the detection of hepatitis, zika, ebola and malaria infections.

Jürgen Brink, Managing Director of CAMPTON Diagnostics UG, explains the potential of the new company: "In contrast to most devices on the market, ours is easy to use, with short analysis times of direct whole blood measurements. This enables fast and accurate on-site measurements for diagnosis, but also for therapy monitoring, e.g. for general practitioners.

CAMPTON Diagnostics UG combines biotechnological and engineering know-how under one roof. The current biochip platform from Fraunhofer ISIT is used for this point-of-care diagnostic developed by CAMPTON. The tests are particularly fast, highly sensitive and enable the simultaneous measurement of several parameters in one sample with a mobile complete system.

ISIT directors Dr. Axel Müller-Groeling and Prof. Dr. Wolfgang Benecke are also optimistic about the company's future: "We are delighted with the establishment of CAMPTON Diagnostics UG and are convinced that the company will take a successful path. Fraunhofer ISIT expressly supports the new company in its plans and in joint projects."

CAMPTON Diagnostics UG is currently planning to establish an interdisciplinary team at the Itzehoe site for the certified development and manufacture of its medical products. Once the device has been approved as a medical device, the company plans to start manufacturing and marketing biochips. In two to three years, the founders intend to bring more than 100,000 biochips per year to the diagnostics market. The company is interested in strategic partnerships for the development of new tests and the expansion of production capacities.

About the Fraunhofer Institute for Silicon Technology (ISIT)

The Fraunhofer ISIT in Itzehoe is one of Europe's most modern research facilities for microelectronics and microsystems technology. At the heart of the institute are the cleanroom facilities, large enough not only to carry out research, but also to manufacture the microchips developed on an industrial scale.

In close cooperation with partners from industry, 190 scientists at ISIT develop power electronic components and microsystems with fine moving structures for sensor technology (pressure, motion, biochemical analysis, etc.) and actuators (valves, scanners, mirror arrays, etc.), including the necessary housing technology.

About CURIT Biotech Holding GmbH

CURIT Biotech Holding GmbH is a private holding company and participates in interesting start-up companies and projects in the field of medical biotechnology.

The products to be exploited are antibody-based biological tests for in vitro diagnostic systems and immunocytological or immunohistochemical applications. On the other hand, they are antibody-based, targeted therapeutics for the treatment of various human diseases.

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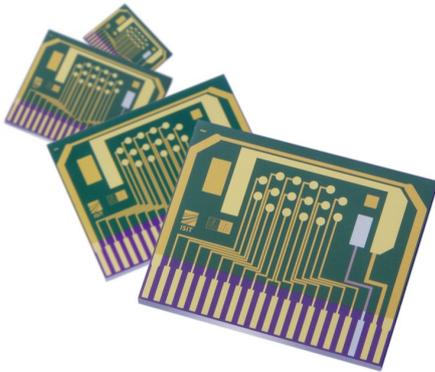
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Left: Electric biochip for multiparameter diagnostics.

Right: Portable meter with reagent block and disposable measuring cartridge.