



17th April 2012: Workshop at Analytica

Success stories of microfluidics for analytical and diagnostic products



Since the early 1990's there is an exponential growth in papers and patents about microfluidics. Also market studies have predicted that the market for products using microfluidics for analytical and diagnostic purposes is a fast growing one. This is in line with a growing number of companies active in this field. However, there are still voices that claim otherwise.

Different questions will be addressed:

- Why was microfluidics used in the product and what is the advantage?
- Was there an alternative to microfluidics?
- What were the main challenges to bring the microfluidic product to market?

This workshop gives you the opportunity to hear these success stories and get an overview of microfluidic or lab-on-a-chip components that are essential for various devices on the market.

Target Group

- Managers of companies having or planning to have microfluidic products
- CEOs, CTOs & CSOs of companies producing or planning to produce microfluidic products
- Accounts being in charge of microfluidic products
- Researchers planning to bring microfluidic products forward

9:00 Get together

9:30 Welcome

9:40 Microfluidic market: Do the last 3 years show a real market take-off?

Frederic Breussin, Yole Développement

10:00 Factors that make microfluidics exciting for products

Klaus Drese, Institut für Mikrotechnik Mainz GmbH

10:20 Selected Microfluidics Enabled IVD Devices: Opportunities and Challenges

Gregor Ocvirk, Roche Diagnostics GmbH

10:40 Micro fluidics in a NAT-POC system

Torsten Schulz, Alere Technologies GmbH

11:00 Break

11:20 Quantitative Point-Of-Care Molecular Diagnostic System using capillary-flow based microfluidics

Max Sonnleitner, Lambda GmbH

11:40 Electrical Molecular Diagnostics (eMDx), Development and Application

Gerhard Hartwich, FRIZ Biochem Gesellschaft für Bioanalytik mbH

12:00 Point of Care Testing beyond the clinical use

Barbara Köhler, Abaxis Europe

12:20 Break

13:20 Product development challenges for microfluidics based products

Ronny van't Oever, Micronit Microfluidics bv

13:40 Evolution of the i-STAT Cartridge

Bruce Collier, Abbott Point of Care

14:00 Onsite pathogen and toxin detection using microfluidics

Jörg Weber, Analytik Jena

14:20 Microfluidics in Chemical Analysis – Status and Perspectives

Tom A. van de Goor, Agilent Technologies R&D & Marketing GmbH & Co. KG

14:40 Automated microchip capillary electrophoresis: a breakthrough in on-line/in-line Industrial Water & Process Monitoring

Anna M. Farrenkopf, Capilix B.V.

15:00 Break

15:20 Quantification of biomolecules on Trinean's platform: focus on microliter samples

Kris Naessens, Trinean nv

15:40 Advances in high throughput microfluidic assays in next gen sequencing workflow and biotherapeutics development

Hannes Arnold, Caliper Life Sciences

16:00 Functional Cell Assays – Based on Microtechnology

Roman Zantl, Ibidi GmbH

16:20 Genespress: integrated diagnostics platform for the detection of antibiotic resistance

Yann Marcy, Genewave

16:40 Get together

Location

Exhibition Hall A3, Meeting Room A32, 1st Floor Fairgrounds, 81823 Munich, Germany

Registration

The workshop is free of charge. Please register until **10th April 2012**.

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