

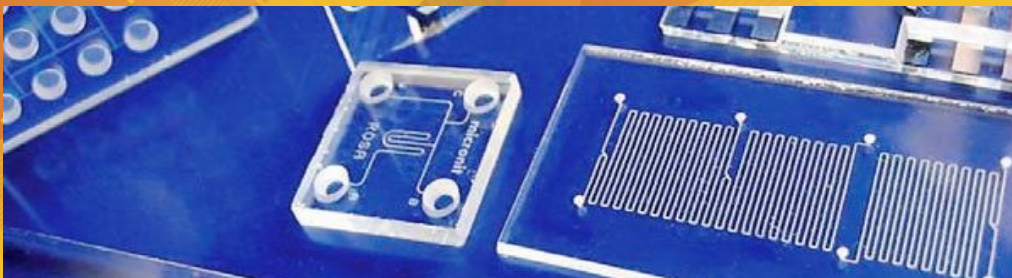
Microfluidics meets Bioscience

Afternoon Symposium & Life Science Café
Leiden Bioscience Park, Thursday, January 12, 2012

- 13.00 Coffee
- 13.15-13.25 Welcome and Introduction by Chairman
Paul Vulto, Leiden/Amsterdam Centre for Drug Discovery
- 13:25-13:40 Inspiration & Collaboration in Bio Science
Nettie Buitelaar, Leiden Bio Science Park
- 13.40-14.00 Microfluidics for Next Generation Metabolic Profiling
Thomas Hankemeier, Netherlands Metabolomics Centre, Leiden University
- 14.00-14.20 Applications of SPR Imaging Arrays Produced with 48 Micro Flow Cells
Richard van Schasfoort, IBIS Technologies
- 14.20-14.50 Coffee Break**
- 14.50-15.10 Opportunities for Microfluidics in Drug Development and Production
Michel Eppink, Synthon
- 15.10-16.00 Panel Discussion: Making the Difference in Bioscience: Defining the Grand Challenges
Martin van Acht, MA3
Heiko J. van der Linden, LACDR, Leiden University
Annemarie Lekkerkerker, Galapagos
Emmanuel Gustin, Janssen Pharmaceutica
Discussion Leader: Kees Groeneveld, MinacNed
- 16.00-16:30 Coffee – Transfer to “de Stal”**
- 16:30 –17:00 μ -bition: A Product on a Name Card
- 17.00-17.10 Introduction to Microfluidics & Wrap-up of the Afternoon
Paul Vulto, LACDR, Leiden University
- 17.10–17.30 Massive Parallel Data Generation and Sample Preparation using Microfluidics
Wilbert van Workum, ServiceXS
- 17.30-19.00 Borrel and μ -bition

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Microfluidics is the science of handling and processing extremely small liquid volumes. Massive parallel operations allow tremendous upscaling of the number of data points per run, while miniaturization enables cost reduction and automation of sample prep leads to time reduction. Microfluidic progress is strongly intertwined with progress in bio-science, as no other field is making such fast progress and is in continuous need of new innovative technologies. This is exemplified by leading companies such as Fluidigm and Caliper Lifesciences.

The Netherlands is a pioneer in the microfluidics arena and the Leiden Bioscience Park is the heart of bioscience business in the Netherlands. This meeting aims to build bridges between the two communities. Together we will define today's technology challenges and application requirements in order to create a roadmap for the future. Both communities have a lot to offer to one another and we are therefore looking forward to creative discussions and constructive networking.

Location: Auditorium Pharming BV
Darwinweg 24, Leiden

Registration: <http://bit.ly/sINYB5>

Admission: € 100 ex.VAT for FHI & MinacNed and € 235 ex. VAT for non-members

Free entrance for members of *MicrofluidicsNL*, *Leiden Bio Science Park Community* and *Leiden University*

Further question? Contact Loes Beijersbergen beijs_l@lacr.leidenuniv.nl

 **MinacNed**
Vereniging voor microsysteem- en nanotechnologie



LEIDEN BIO SCIENCE PARK
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