

AGENDA

of the sixth meeting of the IVAM Focus Group Microfluidics
March 8, 2018, 11.00 - 16.00
MST.factory dortmund, Konrad-Adenauer-Allee 11, Dortmund, DE

- 11:00 Welcome and introduction of the agenda (D. Bouwes / D. Janasek)
Short Introduction of all participants
- 11:30 Applications of organs-on-a-chip
H. Becker, microfluidic ChipShop
- 11:50 Organ-on-a-chip – a system for nanotoxicity tests
T. Knoll, T. Velten, Fraunhofer Institute for Biomedical Engineering IBMT
- 12:10 3D printing of microfluidic structures for organs-on-a-chip
A. Cinar, G. Linz, RWTH Aachen University – Chemical Process Engineering
- 12:30 Discussion of presentation of the group
- White paper
- 12:50 Discussion of joint activities (T. Dietrich)
- B2B Meetings in cooperation with Medical Valley or BVMed
 - International MicroNanoConference – joint booth
 - Microfluidics in medical technology – certification issues (IVAM Focus Group Medical Technology)
- 13:30 Lunch break (lunch at own expense)
- 14:30 Meeting continues
- 14:30 Microfluidic components for organs-on-a-chip
H. Blok, micronit
- 14:50 Generation of cardiomyocytes in pipe-based microbioreactor
D. Spitkovsky, University of Cologne – Institute of Neurophysiology
- 15:10 Automated handling of small organisms, spheroids and organoids for advanced drug and toxicology screening
F. Kurth, V. Revol, CSEM
- 15:30 Summary of recent microfluidics activities (T. Dietrich)
- ISO project on interface standardization
 - new microfluidics association
 - review of Compamed Spring Forum
- Miscellaneous
- Topics, organization, date and place of next meeting
- 16:00 Meeting ends