

Spot your future

MMM Workshop 2019

30th September – 1st October 2019
Vienna, Austria

Spot your future MMM Workshop 2019

30th September

09.00 – 9.30 **Registration with coffee break**

09.30 – 09.45 **Introduction**

Ron Wolbert, MSc, M24You GmbH, Mario Nitzsche, M2-Automation

Section A

09.45 – 10.10 ***Novel POCT technologies: An overview on revolutionary products and their disruptive influence on process optimization and digitalization in the hospital***

Prof. Dr. Peter B. Lupp, TUM, Inst. for Clinical Chemistry and Pathobiochemistry (Germany)

10.10 – 10.35 ***Epigenomics and Immunomics pipelines assisting minimal invasive diagnostics & biomarker development***

Dr. Andreas Weinhäusel, AIT Vienna (Austria)

10.35 – 11.00 ***The enhanced requirements in the new European In vitro diagnostic regulation (IVDR) for clinical performance evaluations with IVD in order to obtain the CE certification***

Dr. Jens Hain, Triga-S, Germany

11.00 – 11.25 ***Microarrays in glycol-peptides***

Prof. Dr. Ulrika Westerlind, Umeå University, Dept. Chemistry (Sweden)

11.25 – 11.55 **Coffee break**

11.55 – 12.10 ***Snappy 15 minutes with:***

Fluigent

12.10 – 12.25 ***Snappy 15 minutes with:***

Dr. Fridtjof Lechhart, PolyAn GmbH

Section B

- 12.25 – 12.50 **Routinely applied analyses based DNA-analysis in translational**
Dr. Per Hoffmann, Institute of Human Genetics, Division of Genomics Life & Brain Research Centre (Germany)
- 12.50 – 13.15 **New approach to creating DNA microarray**
Dr. Andrey Tronin, MBU (Russia)
- 13.15 – 14.15 **Lunch break**
- 14.15 – 14.40 **Overview on application performed by M2-Automation dispensing technology**
Dr. Robert Wellhausen, M2-Automation, (Germany)
- 14.40 – 15.05 **Protein microarray technology for the diagnosis of human infectious diseases. Developing, evaluation, usage and challenges**
Dr. Olga Stukolova, CRIE (Russia)
- 15.05 – 15.20 **Snappy 15 minutes with:**
Pavel Bankovsky, Bioscience Media, SIA (Latvia)
- 15.20 – 15.50 **Coffee break**
- 15.50 – 16.05 **Snappy 15 minutes with:**
Sonja Smith, z-microsystems (Austria)

Section C

- 16.05 – 16.30 **Targeting mitochondria in human disease.**
Dr. Fulvio Santacatterina, Universidad Autónoma de Madrid, Centro de Biología Molecular "Severo Ochoa", (Spain)
- 16.30 – 16.55 **Continuous real-time glucose and metabolic monitoring**
Dr. Berta Ben-Shachar, QuLab Medical Ltd., (Israel)
- 16.55 – 17.20 **It takes two to tango – microfluidics and array technology for diagnostic and life science applications**
Dr. Holger Becker, microfluidic ChipShop GmbH (Germany)
- 17.20 – 17.30 **Closing of the first day**
- 19.00 **Leaving for Social event with dinner**

1st October

Section C

- 09.00 – 09.25 **ALEX: Allergy Explorer: Disruptive Innovation for allergy diagnostics**
Dr. Christian Harwanegg, Makroarray DX GmbH, Wien (Austria)
- 09.25 – 09.40 **Snappy 15 minutes with:**
James Downs, Schott (Germany)
- 09.40 – 09.55 **Snappy 15 minutes with:**
Dr. Denise Dietrich, Sensovation AG (Germany)

Section D

- 09.55 – 10.20 ***Printing of bone cell networks in microfluidic chips to study cell-cell communication***
Dr. Charlotte Yvanoff, ESA, Vrije Univ. Brussel (Belgium)
- 10.20 – 10.45 ***The CTSelect system: fully automated single cell dispensing***
Dr. Sabine Alebrand, IMM Fraunhofer (Germany)
- 10.45 – 11.15 **Coffee break**
- 11.15 – 11.40 ***Enhancing detection speed and sensitivity of microarrays in a microfluidic chip for liquid biopsy***
Prof. Dr. Rafael (Yong-Ak) Song, NYUAD (United Arab Emirates)
- 11.40 – 12.05 ***PAcrAm™-Biosense: a single-step biofunctionalization for highly sensitive diagnostics***
Dr. Samuele Tosatti, SuSoS AG (Switzerland)
- 12.05 – 12.20 ***Snappy 15 minutes with:***
Alfred Paris, Stratec Consumables GmbH (Austria)

Section E

- 12.20 – 12.45 ***Nanophotonic Microarray Biosensors***
Filiz Yesilkoy, Assistant Prof., University of Wisconsin Madison (USA)
- 12.45 – 13.45 **Lunch break**
- 13.45 – 14.10 ***MYCOTOX-ARRAY: Development and production of membrane-based arrays for the on-site detection of mycotoxins in grain and feed***
Dominik Gary, MSc., FZMB (Germany)
- 14.10 – 14.35 ***Title will be added***
Dr. Alexei Gratchev, PrimeBioMed LLC (Russia)
- 14.35 – ***Discussion and evaluation of the workshop. Wrap up.***