

Microdissection – Micromanipulation – Imaging

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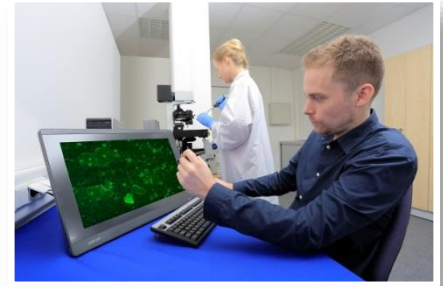
Agenda

Monday May 11, 2020

- 13:00 Welcome reception (including coffee & snacks)
- 14:00 Welcome remarks (Prof. Dr. Stefan Seeger, CEO MMI)
- 14:15 “The challenges of low amount of laser-capture microdissected FFPE samples in proteomic analysis”
Dr. Hannah Wyatt, Boehringer Ingelheim, Biberach, Germany
- 14:45 “Considerations for a Successful Microdissection Project”,
Dr. Yelena Golubeva, Leidos Biomedical Research, USA
- 15:15 Coffee break
- 16:00 Introduction and Live Demo MMI CellScan
- 17:00 Keynote lecture:
“Comprehensive approaches to pulmonary pathology”,
Prof. Dr. Danny Jonigk, MHH Hannover, Germany
- 18:00 Dinner & Historic Bowling

Tuesday May 12, 2020

- 09:00 Morning coffee
- 09:30 Invited talk
Prof. Guangdong Peng, Chinese Academy of Sciences, China
- 10:00 “Comparative transcriptomic analysis of TuMV-infected, micro-dissected Arabidopsis thaliana leaf tissue at two days after inoculation”,
Dr. Björn Krenz, DSMZ Braunschweig, Germany
- 10:30 Invited talk (tba)
- 11:00 Coffee break



11:30 “Isolation of Cellular Protrusions Using Laser Capture Microdissection for Subcellular Microproteomics Studies”,

Dr. Karine Gousset, California State University, Fresno, USA

12:00 Round table discussions

(Topic 1: Sample preparation methods, Topic 2: Extraction of DNA/RNA or proteins for successful downstream application and analysis)

13:00 Lunch

14:00 Guided tour to Brewery Aying

16:00 Closing remarks

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