

CoLaborator Symposium

Protein Biomarkers: Technologies and Applications

Tuesday, 22 Sep 2015, 10am-5pm, Bayer CoLaborator, Müllerstr. 178, Berlin

Agenda

- 10:00 - 10:15** **Welcome.** Dr. Jörg Knäblein, Bayer HealthCare, Berlin;
Dr. Christoph Sachse, NMI TT Pharmaservices, Berlin
- 10:15 - 11:45** **Session I.** Chair: Dr. Hans-Dieter Pohlenz, Berlin
- 10:15 - 10:45 Antibody-based and mass spec proteomics in biomarker research: current status and limitations. **Prof. Dr. Hanno Langen**, F. Hoffmann-La Roche, Basel
- 10:45 - 11:15 Multiplexed immunoassays for biomarker research: achieving sensitivity and addressing complexity. **Dr. Thomas Joos**, NMI, Reutlingen
- 11:15 - 11:45 Biobanking & biomarkers: concepts and case studies.
Dr. Arndt A. Schmitz, Bayer HealthCare, Berlin
- 11:45 - 13:00** **Lunch & Discussion.**
- 13:00 - 14:30** **Session II.** Chair: Prof. Dr. Siegfried Neumann, TU Darmstadt
- 13:00 - 13:30 Biomarkers in drug development & patient care: we discovered so much, but what is needed to achieve clinical utility? **Prof. Dr. Siegfried Neumann**, TU Darmstadt
- 13:30 - 14:00 Multiplexed profiling of cellular signal transduction pathways for identification of biomarkers. **Dr. Markus Templin**, NMI, Reutlingen
- 14:00 - 14:30 Capturing and molecular analysis of circulating tumor cells: potential as predictive biomarkers in clinical studies. **Dr. Thomas Krahn**, Bayer HealthCare, Berlin
- 14:30 - 15:15** **Coffee & Discussion.**
- 15:15 - 16:45** **Session III.** Chair: Dr. Thomas Joos, NMI, Reutlingen
- 15:15 - 15:45 Predictive molecular pathology: A prerequisite of personalized medicine.
Prof. Dr. Manfred Dietel, University Clinic Charité, Berlin
- 15:45 - 16:00 Provitro's approach to target validation. **Dr. Manrico Paulitschke**, Provitro, Berlin
- 16:00 - 16:15 Diagnostics of biomarkers: the need for customized recombinant antibodies.
Dr. Michael Drosch, Calico, Berlin
- 16:15 - 16:45 Potential and limitations of using exosomes and other extracellular vesicles for detection of biomarkers. **Dr. Julia C. Gross**, University of Göttingen
- 16:45 - 17:00** **Closing Remarks.** Dr. Thomas Joos, NMI, Reutlingen

Venue Bayer HealthCare, 13353 Berlin, Müllerstr. 178, CoLaborator, S141, Room 019

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Registration Free of charge. Sponsored by Bayer HealthCare and NMI TT Pharmaservices.
Important: Registration by [email](#) is essentially required due to limited space!