



Next-Generation Proteomics

April 11, 2018, 13.30 – 15.30, Leibniz-Institut für Naturstoff-Forschung und Infektionsbiologie (HKI), Beutenbergstr. 11a, Gebäude A8, Seminar Room Alexander Fleming (E-40)

Bruker introduces the timsTOF Pro mass spectrometer, using proprietary trapped ion mobility spectrometry (TIMS) technology for higher-speed, higher-sensitivity and robust shotgun proteomics with outstanding single-shot peptide and protein identification performance. The dual TIMS analyzer allows ion to be accumulated in parallel in the first TIMS section while ions are released from the second TIMS section. This results in nearly 100% duty cycle. Moreover due to the time and space focusing of ions the timsTOF Pro provides high sensitivity. Deep proteome coverage can be achieved while using low sample amounts (\ll 200 ng).

Program:

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| 13:30 - 13:45 | Bruker Daltonik overview
Dr. Stephan Kuehne, Bruker Daltonik GmbH, Bremen |
| 13:45 - 14:15 | timsTOF Pro with PASEF: Dig deeper into the proteome with less sample amount
Dr. Scarlet Beck, Market Manager bottom-up proteomics, Bruker Daltonik GmbH, Bremen |
| 14.15 – 14.45 | The promise of PASEF: Applications in shotgun proteomics
Dr. Scarlet Beck, Market Manager bottom-up proteomics, Bruker Daltonik GmbH, Bremen |
| 14:45 - 15:15 | Q&A session |

We would be pleased to welcome you! Please register [here](#)