



Pharma

- P01** Development of an improved primary in vitro model of the human small intestine as alternative for cell line-based models
Matthias Schweinlin, Chair Tissue Engineering and Regenerative Medicine, Universität Würzburg
- P02** Controlling cellular adhesion through micro- or nanopatterning of silicone-based surfaces to improve biomedical devices for in vitro based applications
Marina Scharin, Lehrstuhl für Elektronische Bauelemente, FAU Erlangen-Nürnberg
- P03** Immediate drop on demand technology – a new platform for cell applications in low-volume range
Andrea Traube, Fraunhofer IPA, Stuttgart
- P04** High-Throughput manufacturing of human epidermal models
Andrea Traube, Fraunhofer IPA, Stuttgart
- P05** Characterization of Protein and Protein Aggregates using Temperature controlled Hollow Fiber Flow Field-Flow Fractionation
Gerhard Heinzmann, Postnova Analytics GmbH, Landsberg
- P06** Smear detection for the automated image-based morphological analysis of bone marrow samples for leukemia diagnosis
Christian Münzenmayer, Fraunhofer IIS, Erlangen
- P07** Development and evaluation of new therapeutic methods for chronic skin diseases
Sofia Dembski, Fraunhofer ISC, Würzburg
- P08** Multifunctional Nanoparticles for Medical Imaging
Marion Straßer, Fraunhofer ISC, Würzburg
- P09** Three-dimensional skin equivalents for investigations on percutaneous helminth invasion
Maren Jannasch, Chair Tissue Engineering and Regenerative Medicine, Universitätsklinikum Würzburg
- P10** SPR-based overall system for continuous and automated in-process control of active antibody concentrations
Anja Henseleit, Institut für Lebensmittel- und Bioverfahrenstechnik, TU Dresden
- P11** Digital Pathology and Personalizing Healthcare
Stefanie Demirci, CAMP, TUM, München
- P12** One year cell survival without splitting on Xellulin
Günter Bertholdt, Bioregeneration GmbH, München
- P13** Getting closer – Novel functional test to evaluate cancer drugs using human cancer stem cells
Stefan Schuster, SIMFO Spezielle Immunologie Forschung + Entwicklung GmbH, Bayreuth
- P14** Noninvasive methods for hydration monitoring of biological samples
Rico Brendtke, senetics healthcare group GmbH & Co. KG, Erlangen
- P15** 3D multi-cell type human liver microtissues for safety assessment
Jens Kelm, InSphero, Schlieren (CH)
- P16** siPOOLS: target-specific RNAi with complex siRNA pools
Michael Hannus, siTOOLS Biotech GmbH, Planegg/Martinsried
- P17** RealTVac® - A novel strategy for immunotherapy of advanced cancer with Real-Time Tumor Vaccination
Piotr Jachimczak, RealTVac, Würzburg
- P18** Discover beyond vision - Cell imaging with Venneos
Jonas Lehmann, Venneos GmbH, Stuttgart
- P19** Purification of porcine gastric mucin
Veronika Schömig, Bioseparation Engineering Group, TU München
- P20** Visualization, counting and sizing of Extracellular Vesicles by Nanoparticle Tracking Analysis (NTA)
Dr. Clemens Helmbrecht, Particle Metrix GmbH, Dießen

Food

- F01** Sustainable production of novel bio-insecticides
Norbert Mehlmer, Fachgebiet Industrielle Biokatalyse, TU München
- F02** Detection of early postmortem metabolic state of porcine muscles using a hand-held Raman System
Rico Scheier, Forschungsstelle für Nahrungsmittelqualität (ForN), Universität Bayreuth
- F03** Metabolomics - Principle and Applications in Biomarker Discovery
Josephine Maria Wörseck, Metabolomic Discoveries GmbH, Berlin
- F04** Barrier coatings for biodegradable food packaging
Sabine Amberg-Schwab, Fraunhofer ISC, Würzburg
- F05** Energy density and dietary fibers
Anne Fischer, J. Rettenmaier & Söhne GmbH & Co. KG, Rosenberg
- F06** freshdetect – a fluorescence based handheld device for non-invasive detection of microbial spoilage of meat
Matthias Heiden, FreshDetect GmbH, Karlsfeld
- IB05** Online, multi-parametric sensor set-up to observe biofilms in pipeline Systems
Maria Ruhnnow, Institut für Lebensmittel- und Bioverfahrenstechnik, TU Dresden
- IB06** Sens-o-Spheres - A concept for location-independent acquisition of process measurement signals
Tim Lauterbach, Institut für Lebensmittel- und Bioverfahrenstechnik, TU Dresden
- IB07** The Penicillium verrucosum cellulase complex for the SSF-process with pulp
Gerhard Kerns, Sächsisches Institut für Angewandte Biotechnologie e.V. (SIAB), Leipzig
- IB08** An innovative solution for a higher throughput in liquid nutrition media production
Felix Lenk, Institut für Lebensmittel- und Bioverfahrenstechnik, TU Dresden
- IB09** High through-put isolation methods and optimization of halophilic microalgae
Johannes Schmidt, Fachgebiet Industrielle Biokatalyse, TU München
- IB10** One-step expression and enzyme immobilization for biocatalysis
Ilka Sührer, Lehrstuhl für Bioverfahrenstechnik, TU München
- IB11** Parallelized production of uniformly ¹³C-labeled cell-extract for quantitative metabolome analysis
Michael Weiner, Lehrstuhl für Bioverfahrenstechnik, TU München
- IB12** Advanced green biorefining: production of lactic acid and methane from maize and amaranth
Nicola Leonard Haag, Landesanstalt für Agrartechnik und Bioenergie, Universität Hohenheim
- IB13** Biotransformation of by-products from fruit and vegetable processing industry into valuable bioproducts
Annika Gering, ttz Bremerhaven
- IB14** Cascades in catalysis
André Pick, CASCAT GmbH, Straubing
- IB15** Potential Controlled Chromatography: New resin materials for biomolecule Separation
Markus Brammen, Bioseparation Engineering Group, TU München
- IB01** Single-stranded DNA production as scaffold for self-assembling nanomaterials
Benjamin Kick, Lehrstuhl für Bioverfahrenstechnik, TU München
- IB02** Efficient production of polymeric nano-compartments for biocatalytic applications
Sarah Poschenrieder, Lehrstuhl für Bioverfahrenstechnik, TU München
- IB03** CO₂ as carbon source: Control of sodium concentration improves gas-fermentations with Acetobacterium woodii
Christina Kantzow, Lehrstuhl für Bioverfahrenstechnik, TU München
- IB04** Automated qNMR for the parallel determination of 50 metabolites in fermentation samples
Roland Geyer, numares AG, Regensburg