AGENDA

November 22nd, 2016 | Maternushaus, Köln | Maternussaal	
09:00	**Welcome and introduction**	*Prof. Dr. Ulrich Schurr* *Forschungszentrum Jülich*
09:10	**ROXENSE** - Efficient redox sensing and engineering for optimization of biocatalysis	*Dr. Nick Wierckx* *RWTH Aachen*
09:30	**MetEvo** - Metabolic evolution of microorganisms for the efficient utilization of carbon sources	*Dr. Lars Regestein/Dr. Jan Marienhagen* *RWTH Aachen*
09:50	**MoniCon** - Establishing online-methodology to monitor growth of single species in fungal consortia	*Christoph Scheeren* *RWTH Aachen*
10:10	**Elevator pitches for the first poster session** **UstiOpt** - Defining optimum growth conditions for *Ustilago maydis* to increase the production of recombinant proteins *(Dr. Kerstin Schipper, HHU Düsseldorf)* **PectiLyse** - Activation of intrinsic enzymes for degradation of plant biomass side-streams *(Markus Müller, RWTH Aachen)* **BioExpresSPro** - Research and technology platform for the identification, production, secretion and optimization of enzymes *(Dr. Achim Heck, HHU Düsseldorf)* **CatIBs** - Catalytically active inclusion bodies: New carrier-free enzyme immobilisates for biocatalysis *(Dr. Ulrich Krauss, HHU Düsseldorf)* **BeProMod** - Incremental multi-scale and multi-disciplinary modeling of processes in bioeconomy *(Dr. Xiao Zhao, Forschungszentrum Jülich)* **SynComBio** -Future applications of synthetic microbial communities in bioeconomy *(Andreas Domröse, HHU Düsseldorf)* **HiQFlux** - Quantifying metabolic network operation in compartmentalized organisms - yeast as a eukaryotic model *(Dr. Birgitta Ebert, RWTH Aachen)* **BioDeg** - Boosting plant biomass degradation by combined use of lignin- and cellulose-degrading enzymes *(Dr. Katja Koschorreck, HHU Düsseldorf)* *More posters in this session:* *ROXENSE, MoniCon, MetEvo, BioBreak, GLUFACT, OrCaCel, Econ-BioSC → more information on the poster list*	
10:30	*Poster session with coffee*	
11:30	**BioBreak** - Enzymes for biomass breakdown	*Dr. Andreas Knapp* *HHU Düsseldorf*
12:00	**GLUFACT** - *Gluconobacter*-Factory: Strains and processes for stereoselective oxidative conversion of renewable carbon sources to industrial products	*Ines Kiefler* *Forschungszentrum Jülich*
12:30	*Lunch*	
13:30	**MoRe-Plants** - Towards alkaloids: Monooxygenases from plants in reaction cascades	*Prof. Dr. Jörg Pietruszka* *HHU Düsseldorf*
14:00	**DiPro** - Dirigent proteins in bioeconomy	*Dr. Thomas Classen* *HHU Düsseldorf*
14:20	**BioSAF** - Carotenoid cleaving enzymes for efficient biosynthesis of saffron	*Dr. Anna Joëlle Ruff* *RWTH Aachen*

14:40	**Elevator pitches for the second poster session** **P-ENG** - Efficient phosphate recovery from agro waste streams by enzyme, strain and process engineering (***Dr. Stefanie Hamer,*** *RWTH Aachen*) **PhytaPhos** - Optimizing the phosphorus cycle in the sugar Beet production process by phytase supplement (***Dr. Manfred Trimborn,*** *University of Bonn*) **PrimACs** - Priming-active compounds for plant protection (***Dr. André Müller,*** *RWTH Aachen*) **BiFuProts** - Bifunctional proteins for plant protection (***Dr. Felix Jakob,*** *RWTH Aachen*) **SPREAD** - Evaluation and development of the energy plant *Silphium perfoliatum* L. as a source of renewable raw materials (***Christian Wever,*** *HHU Düsseldorf*) **PlaMint** - Investigate plant-microbe interactions to improve plant health and productivity (***Dr. Vera Göhre,*** *HHU Düsseldorf*) **AquaPro** - Using invasive alien aquatic plant biomass for bioenergy production (***Dr. Nico Anders,*** *RWTH Aachen*) ***More posters in this session:*** ***MoRe-Plants, DiPro, BioSAF, BioCaPS, NovoSurf, VariSurf, RIPE, InducTomE, AlgalFertilizer → more information on the poster list***

15:00	*Poster session with coffee*	
16:00	**BioCaPS** - Structural insights of biohybrid catalysts for polylactide synthesis	*Daniel F. Sauer* *RWTH Aachen*
16:20	**NovoSurf** - Identification of novel natural microbial surfactants	*Dr. Sylvia Schleker* *University of Bonn*
16:40	**VariSurf** - Production of glycolipid variants for industrial application by smart genetic engineering	*Dr. Stephan Thies* *HHU Düsseldorf*
17:00	**Wrap-up**	*Prof. Dr. Ulrich Schurr* *Forschungszentrum Jülich*
17:30	*Get-together with snacks and drinks*	