

16th International Life Science Meeting May 08, 2019	
Room: International Meeting Center, Wing G1, Room E.21, IMC FH Krems	
Meeting Opening	
09:00	Welcome Speech
	Martin Waiguny Chair of the Academic Board / Head of Institut Business Administration & Management, IMC University of Applied Sciences Krems Head of the Institute of Biotechnology, Programme Director Medical and Pharmaceutical Biotechnology
09:05	Opening Speech for the 16th Life Science Meeting
	Harald Hundsberger IMC University of Applied Sciences Krems, Department of Life Sciences, Head of the Institute of Biotechnology, Programme Director Medical and Pharmaceutical Biotechnology
Session: Immunology and Cancer Chair: Susanne Waizenauer, Ines Aykara	
09:15	Cancer vaccines – Using virus-like particles for immunotherapy
	Katrin Kramer Department of Pathology, Dunedin School of Medicine, University of Otago
09:35	Regulation of group 2 innate lymphoid cells (ILC2) in inflammatory diseases, tissue homeostasis, and cancer
	Jörg Fritz McGill University, Research Center on Complex Traits, Canada
09:55	Gender aspects and epigenetics in lung cancer
	Rita Seeböck IMC University of Applied Sciences Krems, Project Manager Department Life Sciences
Session: Applied Chemistry Chair: Lisa Rausch, Oskar Schlesinger	
10:15	Next Generation Chemistry Program in Krems
	Uwe Rinner IMC University of Applied Sciences Krems, Programme Director Applied Chemistry, Institute Biotechnologie
10:35	Asymmetric Synthesis of Heterocycles
	Raid Abdl-jalil College of Science Sultan Qaboos University Muscat-Oman, Chemistry Department
10:55	A cost-effective combination of methods to verify authenticity and provenance of PGI Styrian pumpkin seed oil
	Michael Lukas JR-AquaConSol
11:15	Coffee Break
Session: Biomedical networks Chair: Caroline Schätz, Nico Fischer	
11:45	Network medicine — From protein-protein to human-machine interactions
	Jörg Menche CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences
12:05	Data Analytics in NGS and NNGS
	Gerald Lirk University of Applied Sciences Upper Austria (FH OÖ), Research Group Bioinformatics
12:30	Lunch Break

Session: Pharmaceutical Biotechnology and Enzymes in Biotechnology Chair: Asena Boyadzhieva, Alon Tal	
14:00	Enzymes based processes in biomedical application
	Georg Gübitz BOKU - University of Natural Resources and Life Sciences- Vienna, Institute of Environmental Biotechnology, Department of Agrobiotechnology - IFA Tulln
14:20	Case Study: Process Transfer of a Bacterial Antigen production process into Single-Use Equipment
	Udara Yapa MSD Animal Health Danube Biotech GmbH.
14:40	Bioanalysis of NBEs: Measuring Antibody Concentration as Prerequisite for the Assessment of Therapeutic Efficacy
	Wolfgang Rist Boehringer Ingelheim / Drug Discovery Sciences / Bioanalysis
15:00	Enzyme engineering for environmental applications
	Doris Ribitsch BOKU University of Natural Resources and Life Sciences- Vienna, Institut für Umweltbiotechnologie, IFA Tulln
15:20	Coffee Break
Session: Medicine and Biotechnology Chair: Michaela Fehringer, Lena Hinterstoisser	
15:50	Targeting Transcription Factors for Multiple Myeloma Therapy
	Klaus Podar Karl Landsteiner University of Health Sciences, Project Leader "Signal Transduction and the Tumor Microenvironment", Head of the Multiple Myeloma Program, Attending Physician
16:10	Interaction of C-Reactive Protein with Extracellular Vesicles
	Viktoria Weber Vice Rector for Research Danube University Krems, Head Christian Doppler Laboratory for Innovative Therapy Approaches in Sepsis, Deputy Head of Department for Health Science and Biomedicine, Deputy Head of Center for Biomedical Technology
16:30	Phenotype switching in Melanoma
	Mario Mikula Medical University of Vienna, Institute of Medical Genetics
16:50	Latest Challenges in Melanoma Therapy
	Franz Trautinger Department of Dermatology and Venereology, University Hospital of St. Pölten Clinical Departments of the Karl Landsteiner University of Health Sciences
17:10	Let's degrade! A new treatment approach for ALL
	Ingeborg Menzl Institute of Pharmacology and Toxicology, University of Veterinary Medicine, Vienna
17:30	Nanobiotechnology in Bioscience and Clinic
	Urs Häfeli University of British Columbia, Faculty of Pharmaceutical Sciences / University of Copenhagen, Department of Pharmacy
18:30	Heuriger Müllner "Students, Graduates, Lecturers, Coaches and R&D Partners"

16th International Life Science Meeting May 9, 2019	
Room: International Meeting Center, Wing G1, Room E.21, IMC FH Krems	
Session: IMC Research Focus Group Chair: Constanze Raitmayr, Alexander Hubalik	
	Novel 2D and 3D-Cell Screening Strategies
09:00	Christoph Wiesner IMC University of Applied Sciences Krems, Department of Life Sciences, Insitut of Biotechnology, Research Assistant
	Adenovirus combating strategies
09:20	Reinhard Klein IMC University of Applied Sciences Krems, Department of Life Sciences, Insitut of Biotechnology, Head of Research Laboratories
Session: Practical Training Semester Presentation Award Chair: Barbara Entler	
09:40	Practical Training Semester Presentations 3 selected Bachelor Students of the Institute of Biotechnology IMC Krems Klavdija Bastl Elucidating the physiology of KRAS-amplified gastric cancer Mathias Binder Detection and quantification of Gas6/soluble Axl complexes in human serum Florian Richter 3D Bioprinted Vascularized Cardiac Spheroids: a Novel in vitro Model to study Heart Angiogenesis?
Session: Tampere University of Applied Sciences Chair: Barbara Entler	
	Introduction to project studies at Tampere University of Applied Sciences
10:30	Marita Hiipaka Tampere University of Applied Sciences Biomedical Laboratory Sciences Laboratory Engineering
10:50	Coffee Break
Round Table Discussion " Education and Career in Life Sciences"	
11:15	Chair: Uwe Schlokat Vice President Global Project Management, Ottobock Discussion Board: Georg Weingart BIOMIN Holding GmbH,Austria, Biomin Research Center, Team Analytical Chemistry Martin Kern MSD Animal Health Danube Biotech GmbH, Austria Katrin Kramer Dep. of Pathology, University of Otago New Zealand IMC Alumna Wolfram Strobl Fresenius Medical Care Adsorber Tec GmbH Austria Ulrike Fuchs Takeda Regulatory Affairs Austria IMC Alumna Birgit Reipert Baxata/Takeda Austria, Drug Discovery, Department Immunology Jörg Fritz Depts Microbiology, Immunology & Physiology, McGill University, Canada Alois Jungbauer Protein Technology and Downstream Processing, Dept Biotech, BOKU University Austria
12:15	Lunch Break

Session: Applied Bioanalytics and Drug Development Chair: Isabeau Lüddecke, Annabelle Schwaiger		
13:30	Immunological challenges in AAV-based gene therapy	
	Birgit Reipert Baxata Innovations GmbH, a Takeda company, Drug Discovery Austria, Department Immunology	
13:50	New therapeutic options for thrombotic microangiopathies	
	Paul Knöbl Medical University of Vienna, Department of Medicine 1, Div. Hematology and Hemostasis	
14:10	One size fits all? Bioanalysis in different matrices	
	Peter Allacher IMC University of Applied Sciences Krems , Laboratory Head / Research Institute for Applied Bioanalytics and Drug Development	
14:30	Takeda's liver targeted AAV gene therapy platform to tackle monogenic rare genetic diseases	
	Hanspeter Rottensteiner Takeda, Drug Discovery Austria, Research Gene Therapy	
14:50	Coffee Break	
Session: Industrial Biotechnology Chair: Hera Saqub, Helene Stütz		
15:20	Bio-engineering of high-performance designer polymerases	
	Sven Breunig Procomcure Biotech	
15:40	Continuous biomanufacturing, how do we define a lot/batch, theoretical and practical considerations	
	Alois Jungbauer BOKU University of Natural Resources and Life Sciences, Institut of Biotechnology	
16:00	Fragment Based Drug Discovery with Focus on NMR Methods	
	Moriz Mayer Analytics Research Laboratory Head, Boehringer Ingelheim	
16:20	Mass Spectrometry Detection of Phytogenics and Mycotoxins	Parallel in Room G1.1.19 16.00 - 17.00 Meeting of the International Scientific Advisory Board
	Georg Weingart & Tibor Czabany BIOMIN Holding GmbH, Biomin Research Center, Team Analytical Chemistry	
16:40	Coffee Break	
Session: Young European Biologist Association		
17:10	Bridging Young Eurpean Scientist	
	Viktor Denev Co-Founder and Co-Chairman at Bulgarian Bioscience Society, Vice President at Young European Biologists	
	Adrijana Smoljan Secretary in Association of Biology Students in Bosnia and Herzegovina, Member of Young European Biologists, Main organizer of Young Life Science in Europe 2018	
17:30	Practical Training Semester Award	
18:30	Dinner with the Graduates, Lecturers and Guests at the "Heuriger Siedler"	

Department Life Science:

Institute Biotechnology

H. Hundsberger, U. Rinner, A. Boyer, B. Entler, B. Klausgraber, R. Klein, C. Klein, A. Koppensteiner, S. Manhardt, D. Mezricky, M. Pflüger, N. Reiner, D. Schild, P. Ausserhofer, Z. Didara, A. Jürets, I. Kiss, E. Pomare, F. Reithofer, D. Ripper, R. Seeböck, A. Stierschneider, H.P. Weitzenböck, C. Wiesner, S. Winkler, B. Kröppl, P. Lang, W. Schütt (em.)

Institute of Applied Bioanalytics and Drug Discovery

A. Eger, F. Horling, P. Allacher, A. Achleitner, J. Aschauer, V. Berg, H. Birnleitner, X. Blesl, K. Fiedler, M. Gretic, T. Höbling, S. Ilbeyi, N. Jacobi, a. Kulinska, C. Lubich, V. Mühlhölzl, A. Muhm, L. Renz, J. Schatz, H. Schweiger, B. Tille, V. Wieser, M. Willim, L. Wolansky, M. Zinnegger,

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