

Day	Session-Time	Presentation time	Duration	Abstract-ID	Session-Title	Chairs	Speaker	Affiliation	Title
Sunday, Sep 04, 2016	04:30 - 07:00 pm	04:30	150 min.		Welcome Addresses and Award Ceremony	Ulf Diederichsen Annette Beck-Sickinger	Prof. Jean Martinez Prof. Christian Becker Dr. Maja Köhn Dr. Markus Muttenthaler	Univ. Montpellier, France Univ. Vienna, Switzerland EMBL Heidelberg, Germany University of Queensland, Australia	
	07:00 pm	Welcome Reception							

Day	Session-Time	Presentation time	Duration	Abstract-ID	Session-Title	Chairs	Speaker	Affiliation	Title	
Monday, Sep 05, 2016 New synthetic approaches to address current challenges	08:30 - 10:30 am	08:30	30 min.	OP - 01	Protein Synthesis	Rob Liskamp, GB Harald Kolmar, DE	Stephen Kent	University of Chicago, USA	TOTAL SYNTHESIS OF INSULIN LISPRO VIA ESTER INSULIN LIMITATIONS OF THREE FMOCCHEMISTRY SPPS-BASED APPROACHES	
		09:00	20 min.	OP - 02			Cargoet Marine	Université de Lille, France	BIS(2-SELENYLETHYL)AMIDO (SeeA) SELENOESTER SURROGATE FACILITATES THE TOTAL SYNTHESIS OF CHALLENGING PROTEINS	
		09:20	20 min.	OP - 03			Sofie Buhler	University of Parma, Italy	TOTAL CHEMICAL SYNTHESIS OF THE ALLERGENIC PEACH LIPID TRANSFER PROTEIN	
		09:40	20 min.	OP - 04			Craig Hutton	University of Melbourne, Australia	A NEW DIRECTION IN PEPTIDE SYNTHESIS	
		10:00	20 min.	OP - 05			Hironobu Hojo	Osaka University & Tokai University, Japan	Chemical synthesis of human interleukin-2 carrying core-1 O-linked sugar	
	Coffee Break									
	11:00 am - 01:00 pm		11:00	20 min.	OP - 06	Synthesis Methods	John Wade, AU Dirk Schwarzer, DE	Lei Liu	Tsinghua University, China	Use of removable modification groups to solubilize hydrophobic peptides in protein chemical synthesis
			11:20	20 min.	OP - 07			Grégory Chaume	Université de Cergy-Pontoise, France	Trifluoromethylated Pseudoprolines as Stable Proline Surrogates: Incorporation into Peptides and Conformational Studies
			11:40	20 min.	OP - 08			Rashed Al Toma	TU Berlin, Germany	In Vivo Incorporation of Noncanonical Amino Acids into Class III Lanthipeptide Labyrinthopeptin in Streptomyces lividans
			12:00	20 min.	OP - 09			Felix F. Loeffler	Karlsruhe Institute of Technology, Germany	HIGH-FLEXIBILITY COMBINATORIAL PEPTIDE SYNTHESIS WITH LASER-BASED TRANSFER FOR INFECTIOUS DISEASE RESEARCH
			12:20	20 min.	OP - 10			Jörg Rademann	Freie Universität Berlin, Germany	Diazo-peptides as chemically stable, specific, and cell-permeable probes targeting cysteine proteases
			12:40	20 min.	OP - 11			Alexander Mitchell	Lawrence Livermore National Laboratory, USA	MAX BERGMANN AND BRUCE MERRIFIELD AS PIONEERS IN PEPTIDE AND PROTEIN SYNTHESIS AT THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH
	Lunch Break									
	02:00 - 04:00 pm		02:00	30 min.	OP - 12	Chemical Modification	Oleg Melnyk, FR Roderich Süßmuth, DE	Ashraf Brik	Technion-Israel Institute of Technology, Israel	Advances in the Synthesis of Ubiquitin Conjugates Employing Palladium Complexes
			02:30	20 min.	OP - 13			Oliver Seitz	Humboldt University Berlin, Germany	Enabling methods for streamlining chemical total synthesis of posttranslationally modified proteins
			02:50	20 min.	OP - 14			Can Araman	Universiteit Leiden, Netherlands	Semi-synthesis and characterization of homogeneously PEGylated full length Prion Protein (PrP) derivatives
			02:10	20 min.	OP - 15			Christian Hackenberger	FMP Berlin, Germany	The power of chemoselectivity: Site-specific modification and cellular delivery of antibodies
			02:30	20 min.	OP - 16			Olivier Renaudet	University Grenoble-Alpes, France	Multi-click approaches for the synthesis of heteroglycoclusters on peptidic scaffolds
	Coffee Break									
	04:30 - 06:30 pm		04:30	20 min.	OP - 17	Antibodies - Synthetic approaches and applications	Christian Gruber, AT Beate Kokschi, DE	Yuji Ito	Kagoshima University, Japan	SPECIFIC CHEMICAL MODIFICATION OF HUMAN ANTIBODIES BY A REAGENT BASED ON FC-SPECIFIC AFFINITY PEPTIDE
			04:50	20 min.	OP - 18			Elisabeth Rozanski	University of Bayreuth, Germany	SEMISYNTHESIS OF GLYCOSYLATED HUMAN IgG1 Fc FRAGMENTS VIA NATIVE CHEMICAL LIGATION
05:10			20 min.	OP - 19	Anne C. Conibear			University of Vienna, Austria	CHEMOSELECTIVE LIGATIONS TO INCREASE THE MODULARITY OF SYNTHETIC ANTIBODY-LIKE MOLECULES FOR CANCER THERAPY	
05:30			20 min.	OP - 20	Kyohei Muguruma			Tokyo University, Japan	APPLICATION OF FC-SELECTIVE Z33-PEPTIDE TO THE PREPARATION OF NON-COVALENT-TYPE ANTIBODY-ANTIMICROTUBULE PLINABULIN CONJUGATE	
05:50			20 min.	OP - 20a	Hirokazu Tamamura			Tokyo Medical and Dental University, Department of Medicinal Chemistry, Institute of Biomaterials and Bioengineering, Tokyo, Japan	Mid-Size Drugs: Dimer & Trimer Mimics of HIV-gp41 Peptides as Fusion Inhibitors	
06:10			20 min.	OP - 21	Chiara Testa			Université de Cergy-Pontoise, France	Antibodies from multiple sclerosis patients preferentially recognize hyperglucosylated adhesion of nontypeable Haemophilus influenzae	

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Tuesday, Sep 06, 2016 Foldamers - from structure to biomaterials	08:30 - 10:30 am	08:30	30 min.	OP - 22	Folding/ Assembly	Gábor Mező, HU Manfred Mutter, DE	Helma Wennemers	ETH Zürich, Switzerland	Controlling Supramolecular Assemblies with Proline-Rich Scaffolds	
		09:00	20 min.	OP - 23			Lukasz Berlicki	Wroclaw University of Technology, Poland	Rational design, synthesis and evaluation of catalytically active peptide foldamers	
		09:20	20 min.	OP - 24			Knud Jensen	University of Copenhagen, Denmark	Synthetic Proteins: DNA-mediated Assembly of Artificial Proteins	
		09:40	20 min.	OP - 25			Kazuyasu Sakaguchi	Hokkaido University, Japan	EVOLUTION OF THE TETRAMERIZATION DOMAIN IN TUMOR SUPPRESSOR PROTEIN P53	
		10:00	20 min.	OP - 26			Aimee Boyle	Leiden University, Netherlands	ADDING COMPLEXITY TO PEPTIDE-MEDIATED MEMBRANE FUSION SYSTEMS	
	Coffee Break									
	11:00 am - 01:10 pm	11:00	30 min.	OP - 27	Biomaterials	Fernando Albericio, SA Jutta Eichler, DE	Ian Hamley	University of Reading, United Kingdom	Peptides and Peptide Conjugates: From Self-assembly Towards Applications in Biomedicine	
		11:30	20 min.	OP - 28			Prisca Boisguerin	CRBM, France	DESIGN OF PEPTIDE-BASED NANOPARTICLES AS THERAPEUTIC CANCER TOOLS FOR IN VIVO APPLICATION	
		11:50	20 min.	OP - 29			Gilles Subra	IBMM, France	Modification or direct synthesis of bioactive silicones with tailored hybrid peptides	
		12:10	20 min.	OP - 30			Yifat Miller	Ben-Gurion University of the Negev, Israel	De novo design of metal binding beta-hairpin peptide for biotechnology applications	
		12:50	20 min.	OP - 32			Norelle Daly	James Cook University, Australia	Development of a potent wound healing agent based on the granulins scaffold	
	Lunch Break									
	02:10 - 04:10 pm	02:10	15 min.	OP - 33	Young Investigator Session (Bert Schram)	Ernest Giralt, ES Christian Birr, DE	Markus Braner	Goethe-Universität Frankfurt, Germany	High-Affinity Trans-Splicing Directed by a Minimal Interaction Pair	
		02:25	15 min.	OP - 34			Emma Danelius	University of Gothenburg, Sweden	Quantification of weak interactions using a beta-hairpin peptide model system	
		02:40	15 min.	OP - 35			Alexandra Hauser-Kawaguchi	Western University, Canada	Chemical synthesis of 7 kDa RHAMM as the receptor for the discovery of novel peptide ligands	
		02:55	15 min.	OP - 36			Jordan Anderson	University of Washington, USA	Understanding the Role of Loops in Beta Structures Using Highly Stable Loop Containing Peptides	
		03:10	15 min.	OP - 37			D. Goncalves Monteiro	University of Queensland, Australia	DEVELOPMENT OF PEPTIDE THERAPEUTICS FOR IRON DISORDERS	
		03:25	15 min.	OP - 38			Sunbum Kwon	Institut Européen de Chimie et Biologie, France	RIBOSOMAL TRANSLATION OF FOLDAMER-PEPTIDE HYBRIDS BY FLEXIBLE IN VITRO TRANSLATION SYSTEM	
		03:40	15 min.	OP - 39			Tatsuya Hattori	Nagahama Institute of Bio-Science and Technology, Japan	MITOCRYPTIDES INDUCE NEUTROPHIL MIGRATION IN VIVO AS MITOCHONDRIAL DAMPS PROMOTE	
		03:55	15 min.	OP - 40			Emma Watson	The University of Sydney, Australia	SANSANMYCIN ANALOGUES AS POTENT AND SELECTIVE ANTI-TUBERCULAR AGENTS WITH A NOVEL MODE OF ACTION	
	Coffee Break									
	04:40 - 05:10 pm	04:40	30 min.		Poster Appetizer I	Chaim Gilon, IS	Synthesis			
						Aphrodite Kapurniotu, DE	Chemical Modification and Protein Interaction			
						Thomas Vorherr, CH	Peptide Therapeutics I			
	05:10 - 06:40 pm	04:40	120 min.			Poster Session I (presentation of all odd numbers)				

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Wednesday, Sep 07, 2016 Peptides to Therapy	08:30 - 11:00 am	08:30	30 min.	OP - 41	Structure- activity studies	Claudio Toniolo, IT Oliver Seitz, DE	David Craik	University of Queensland, Australia	DESIGN AND PLANT-BASED PRODUCTION OF THERAPEUTIC CYCLIC PEPTIDES	
		09:00	20 min.	OP - 42			Peter Timmerman	University of Amsterdam, The Netherlands	Highly-constrained Multicyclic Peptides as Functional Mimics of Structurally Complex and Difficult-to-target Protein Binding Sites.	
		09:20	20 min.	OP - 43			Alethea Tabor	UCL, UK	Exploring the role of disulfide bonds in inhibitory cystine knot (ICK) peptides from tarantula venoms and their effects on the voltage-gated sodium ion channel Nav1.7	
		09:40	20 min.	OP - 44			Toshifumi Akizawa	Setsunan University, Japan	FINDING OF THE NOVEL HYDROLASE-LIKE PEPTIDE (JAL-TA9) DIGESTING A&beta PROTEIN	
		10:00	20 min.	OP - 45			Volker Herzig	University of Queensland, Institute for Molecular Bioscience, St. Lucia, Australia	USING SPIDER VENOM PEPTIDES AS MOLECULAR TOOLS FOR UNDERSTANDING VOLTAGE-GATED SODIUM CHANNEL FUNCTION	
		10:20	20 min.	OP - 46			Kiyoshi NOKIHARA	HiPep Laboratories, Japan	Double strand DNA recognition by peptides consisting of pyrrole and imidazole moiety, designated PIPA, for molecular probe and drug candidates	
		10:40	20 min.	OP - 47			Yuji Kobayashi	Osaka University, Japan	Structural Basis of Type I Collagen Recognition by Pigment Epithelium-Derived Factor (PEDF)	
	Coffee Break									
	11:30 am - 12:50 pm	11:30	20 min.	OP - 48	Antimicrobial Peptides	Ivanka Stoineva, BU Henning Mootz, DE	Jose Martins	Universiteit Gent, Belgium	Understanding, structure, self-assembly and biological activity of cyclic lipodepsipeptides	
		11:50	20 min.	OP - 49			Tamis Darbre	University of Berne, Switzerland	Antimicrobial peptide dendrimers against multidrug resistant Pseudomonas aeruginosa and Acinetobacter baumannii with enhanced angiogenic effect	
		12:10	20 min.	OP - 50			Lorenzo Stella	University of Rome Tor Vergata, Italy	ACTIVITY AND SELECTIVITY OF HOST DEFENSE PEPTIDES: A COMPLEX INTERPLAY OF MULTIPLE EQUILIBRIA	
		12:30	20 min.	OP - 51			Ryo Masuda	Waseda University, Japan	ANTIMICROBIAL TRIPLE-HELICAL PEPTIDES	
	Lunch Break									
	02:30 - 04:30 pm	02:00	02:00	20 min.	OP - 52	Therapeutic Concepts	Vladislav Deigin, RU Bernd Riedl, DE	Richard Clark	The University of Queensland, Australia	Miniaturised alpha-conotoxins for the treatment of pain.
			02:20	20 min.	OP - 53			Yoshio Hayashi	Tokyo University of Pharmacy and Life Sciences, Japan	DEVELOPMENT OF MYOSTATIN INHIBITING PEPTIDES AS AN ATTRACTIVE THERAPEUTIC APPROACH TOWARDS MUSCLE ATROPHIC DISORDERS
			02:40	20 min.	OP - 54			Shai Rahimpour	Bar-Ilan University, Israel	Targeting the Toxic Oligomers of Amyloidogenic Proteins by Self-assembled Cyclic D,L-alpha;-Peptides: Potential Application for Alzheimer's and Parkinson's Diseases
			03:00	20 min.	OP - 55			Esben Bech	University of Copenhagen, Denmark	Peptide half-life extension: Multivalent, small-molecule albumin interactions direct the systemic properties of GLP-1
			03:20	20 min.	OP - 56			Horst Kessler	Institute for Advanced Study TUM, Germany	Oral availability of peptides
			03:40	20 min.	OP - 57			Victor J. Hruby	University of Arizona, USA	Multivalency in Drug Design for the Detection and Treatment of Disease
	04:30 pm	Soccer Cup								

Day	Session-Time	Presentation time	Duration	Abstract-ID	Session-Title	Chairs	Speaker	Affiliation	Title	
Thursday, Sep 08, 2016 Imaging and addressing of enzymes and receptors	08:30 - 10:30 am	08:30	30 min.	OP - 58	Receptor Modulation	Annamaria Papini, IT Christian Hackenberger, DE	Ross Bathgate	University of Melbourne, Australia	Structure based drug design for complex GPCR targets; Studies on the relaxin receptor RXFP1	
		09:00	20 min.	OP - 59			William Lubell	Université de Montréal, Canada	Synthesis and Biomedical Applications of Azapeptide and Azabicycloalkanone Turn Mimics	
		09:20	20 min.	OP - 60			Lauren Yule	University of Auckland, New Zealand	NOVEL SELECTIVE AMYLIN AGONISTS AS THERAPEUTIC TOOLS TO TREAT OBESITY AND DIABETES	
		09:40	20 min.	OP - 61			Zita Liutkeviciute	Medical University of Vienna, Austria	Discovery of Novel Oxytocin-Like Neuropeptides in Insects	
		10:00	20 min.	OP - 62			Maurice Manning	University of Toledo, USA	THE RENAISSANCE OF OXYTOCIN: A NEW FRONTIER IN TRANSLATIONAL RESEARCH	
	Coffee Break									
	11:00 am - 12:00 pm	11:00	20 min.	OP - 63	Enzyme modulation	Paul Alewood, AU Luis Moroder, DE	Gerbrand J. van der Heden van Noort	Leiden University Medical Centre, The Netherlands	Capturing cysteine proteases in action; novel activity based probes reveal linkage-specific reactivity of Deubiquitylating enzymes.	
		11:20	20 min.	OP - 64			Kazuya Kobayashi	Kyoto Pharmaceutical University, Japan	Structure Activity Relationship Study for P1-P1' Site of Transition State Mimic Inhibitors for BACE1	
		11:40	20 min.	OP - 65			Michael Gütschow	University of Bonn, Germany	Matriptase-2 as a Target for Peptidomimetic Tool Compounds: Symmetric and Asymmetric Ligands, Inactivators & Activity- Based Probes	
	12:00 - 01:00 pm	12:00	60 min.	SL - 01	Special Lecture		Stefan W. Hell	Max Planck Institute for Biophysical Chemistry, Germany	Optical microscopy: the resolution revolution	
	Lunch Break									
	02:00 - 04:00 pm	02:00	20 min.	OP - 66	Imaging	Yosiako Kiso, JP Irene Coin, DE	Ralph Wieneke	Goethe-University Frankfurt, Germany	Optochemical Biology - In-situ Receptor Clustering by Light	
		02:20	20 min.	OP - 67			Minying Cai	University of Arizona, USA	Development of MC1R Selective Ligands and Conjugates for the Prevention of Skin Cancer and Melanoma Imaging	
		02:40	20 min.	OP - 68			Aleksandra Pekosak	Harvard Medical School, USA	Unprecedented High Stereoselective Synthesis of Carbon-11 Labeled Peptides.	
		03:00	20 min.	OP - 69			Marc Vendrell	University of Edinburgh, UK	Trp-BODIPY fluorogenic amino acids for minimally invasive labelling of peptides and enhanced live cell fluorescence imaging	
		03:20	20 min.	OP - 70			Theodosia Maina	NCSR Demokritos, Greece	Triazole-containing bombesin radiopeptidomimetics in GRPR- tumor targeting - The impact of in vivo stability	
		03:40	20 min.	OP - 71			Ferenc Hudecz	Eötvös Loránd University	PEPTIDES AS BIOCONJUGATION PARTNERS FOR CELLULAR TARGETING: DESIGN, SYNTHESIS AND FUNCTIONAL PROPERTIES	
	Coffee Break									
	04:30 - 05:00 pm	04:30	30 min.		Poster Appetizer II	Oliver Zerbe, CH Ines Neundorff, DE Ronald Frank, DE	Peptide Structure and Folding Peptide Carrier and Analytics Peptide Therapeutics II			
	05:10 - 06:30 pm	Poster Session II (presentation of all even numbers)								
	07:30 pm	Gala Dinner at Moritzbastei								

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Friday, Sep 09, 2016 Peptides of the Future: Targeting intracellular systems and protein-protein interaction	08:30 - 11:00 am	08:30	30 min.	OP - 72	Carrier Peptides and CPP	William Lubell, CA Horst Kessler, DE	Shiroh Futaki	Kyoto University, Japan	Photocrosslinking approaches to identify cellular-uptake receptors of arginine-rich cell-penetrating peptides	
		09:00	20 min.	OP - 73			Céline DOUAT	CBMN, France	Design of Bioinspired Cell-Penetrating Foldamers for Intracellular Delivery of Nucleic Acids	
		09:20	20 min.	OP - 74			Ines Neundorff	University of Cologne, Germany	Tuning the properties of cell-penetrating peptides by structural variations	
		09:40	20 min.	OP - 75			John Howl	University of Wolverhampton, UK	REGULATED EXOCYTOSIS OF CPP-DELIVERED CARGOES FROM MAST CELLS: A NOVEL CELL-MEDIATED THERAPY	
		10:00	20 min.	OP - 76			Ikuhiko Nakase	Osaka Prefecture University, Japan	EFFECTIVE INTRACELLULAR DELIVERY BASED ON BIOFUNCTIONAL PEPTIDE-MODIFIED EXOSOMES	
		10:20	20 min.	OP - 77			Dennis Löwik	Radboud University Nijmegen, The Netherlands	CELL PENETRATING PEPTIDES WITH INTRINSIC CELL SELECTIVITY	
		10:40	20 min.	OP - 78			Meritxell Teixidó	IRB Barcelona, Spain	Blood-Brain Barrier Shuttle Peptides: An Emerging Tool for Brain Delivery	
	Coffee Break									
	11:30 am - 1:30 pm		11:30	20 min.	OP - 79	Protein-Protein- Interaction	Norbert Sewald, DE Fernando Albericio, SA	Chiara Cabrele	University of Salzburg, Austria	Cyclic peptides for targeting helical protein-protein interactions
			11:50	20 min.	OP - 80			Aphrodite Kapurniotu	Technische Universität München, Germany	KEY MOLECULAR DETERMINANTS OF A CROSS-AMYLOID INTERACTION
			12:10	20 min.	OP - 81			Henning D. Mootz	University of Münster, Germany	Mapping protein-protein interaction in non-ribosomal peptide synthetases using a genetically encoded photocrosslinker
			12:30	20 min.	OP - 82			Oliver Zerbe	University of Zurich, Switzerland	Peptide binders based on complementary Armadillo Repeat Protein Fragments
			12:50	20 min.	OP - 83			Raheleh Rezaei Araghi	MIT, USA	Hydrocarbon Stapled Peptide Antagonists as Novel Agents for Targeting MCL-1
			01:10	20 min.	OP - 84			Jutta Eichler	Universität Erlangen-Nürnberg, Germany	MIMICKING PROTEIN-PROTEIN INTERACTIONS THROUGH PEPTIDE-PEPTIDE INTERACTIONS: HIV-1 GP120 AND CXCR4
	1:30 - 02:10 pm	Closing Ceremony								