



Poster Session 2 · Tuesday, 8 September 2026 · 17:30-19:30 · Poster area 1st floor

Theme 02: Synthetic methods – sustainable peptide chemistry

No.	First Name	Last Name	Paper Title	Organization
275	Sergei	Burov	TFA-Free Cleavage/Deprotection in Solid-Phase Peptide Synthesis. Advantages and Drawbacks of Formic Acid	Cytomed JSC
276	Manish	Kumar	Application of an Automated System for Flow Solid Phase Peptide Synthesis	Wroclaw University of Science and Technology
277	Naoki	Nishizawa	Green Liquid-Phase Peptide Synthesis (LPPS) Methodology for the Sustainable Production of Therapeutic Peptides	Nissan Chemical Corporation
278	Stefan	Peters	TAG-ASSISTED PEPTIDE SYNTHESIS (TAPS) – DEVELOPMENT OF A CONTINUOUS LIQUID-PHASE PROCESS	Corden Pharma International
279	Elinor	Slavsky	Functional Amyloids Catalyzing the Hydrolysis of BHET: Toward Improved PET recycling	Ben Gurion University of the Negev
280	Sri Hari	Anandhi Rajendran	RACEMIZATION-FREE PEPTIDE SYNTHESIS IN WATER UNDER BATCH AND FLOW CONDITIONS	Research Center Pharmaceutical Engineering GmbH
281	Adrian	Glas	PARALLEL HIGH-THROUGHPUT PURIFICATION OF 96 SYNTHETIC PEPTIDES USING AUTOMATED CATCH-AND-RELEASE TECHNOLOGIES	Peptide Specialty Laboratories GmbH
282	Fizza	Haseeb	Towards Greener Peptide Synthesis: HCl/AcOH as a Sustainable Alternative	Queen Mary University of London
283	Kelly	Materna	Reusable Photoredox Catalysts for Sustainable Peptide Synthesis	Ouralia AB
284	Nicola	Patrician	TBDC SALTS: ADVANCED COUPLING REAGENTS FOR LIQUID PHASE PEPTIDE SYNTHESIS (LPPS)	University of Bologna
285	Dominik	Sarma	Protocol Transferability in Solid-Phase Peptide Synthesis: A Cross-Platform Study from Research to Pilot Scale	Gyros Protein Technologies
286	Maria Carmina	Scala	γ -Valerolactone–sulfuric acid: a sustainable alternative to TFA for efficient peptide cleavage and global deprotection	University of Salerno
287	Nigel	Langley	Application of a Green Solvent Procipient® in Solid-Phase Peptide Synthesis	University of Waterloo
288	Annarita	Del Gatto	A novel green strategy for peptoid synthesis	Institute of Biostructures and Bioimaging, CNR
289	Robert	Zitterbart	Chemo-Selective Catch-and-Release Purification: An Orthogonal Alternative When Reversed-Phase Chromatography Fails	Mesa Germany GmbH
290	Barbara	Biondi	Towards Greener Solid-Phase Peptide Synthesis: Combining a Novel Support with Eco-Friendly Solvents	Institute of Biomolecular Chemistry, CNR
291	Vincent	Diemer	Synthesis of alpha-helical and potent antifreeze protein mimics through the oligomerization of peptide segments	CNRS
292	Tom	Horan	Solid-Supported Chemoenzymatic Peptide Synthesis	University of Nottingham
293	Preeti	Kapri	Enantioselective synthesis of Antiplasmodial Cyclic Tetrapeptide Koshidacin A	Indian Institute of Technology Kanpur
294	Sruthi	Manoharan	“Surfactant Like Water Soluble Molecules” for Asymmetric Organocatalysts	Indian Institute of Technology Kanpur
295	Ben	Millwater	REGIOSELECTIVE HALOGENATION OF TRYPTOPHAN-CONTAINING PEPTIDES AND NON-NATIVE AROMATIC SUBSTRATES	University of Nottingham
296	Benoît	SNELLA	Efficient TEV tag-assisted one-pot protein semisynthesis	Institut Pasteur de Lille
297	Barbara	Roether	Beyond SMCC: Uniform Isothiocyanate-Peptide Bioconjugates	Heidelberg University Hospital
298	Kristóf	Ferentzi	Molecular-Level Insight into Aggregation and Mass Transport in Solid-Phase Peptide Synthesis	Eötvös Loránd University
299	Vincent	Freiburghaus	Glycerol-derived drop-in solvents for sustainable and more efficient peptide synthesis	Universität Zürich
300	Benedikt	Golisch	Towards the improvement of non-canonical amino acid incorporation via Decoupled Synthesis of Ribosomes (DeSyR)	Martin-Luther-Universität Halle-Wittenberg
301	Salvatore	Mottola	Fully Sustainable Ultrasound-Assisted Synthesis of PNAs (GreenSound-PNA)	University of Campania Luigi Vanvitelli
302	Lucrezia	Sforzi	Eco-Friendly SPPS: overcoming challenges in cosmetic Argireline and Pal-GHK production.	University of Florence
303	Arti	Sharma	Selective peptide bond formation via side chain reactivity and self-assembly of abiotic phosphates	University of Freiburg

Theme 05: Peptide drugs and medicinal chemistry

No.	First Name	Last Name	Paper Title	Organization
304	Jane	Aldrich	Analogues of [D-Phe4]CJ-15,208 with Modifications to Improve Kappa Opioid Receptor Antagonist Potency in the CNS as Potential Treatments for Substance Abuse	University of Florida
305	Sonali	Vaidya	Using peptides as tools to explore the impact of labile heme on G proteins and their signaling pathways	University of Bonn
306	Boglárka Blanka	Bata	Pharmacological Profiling of Bis-conjugated Small Molecule-Peptide Ligands of the Kappa-opioid Receptor	Medical University of Vienna
307	Stefania	Colarusso	Discovery and Optimization of an mRNA Display Cyclic Peptide inhibitor of the IL1beta/IL1R Interaction	IRBM Spa
308	Predrag	Kalaba	Novel tools for targeting RXFP-3 signaling system	University of Melbourne
309	Alexander John	Lander	Design of Tunable Macrocyclic Protease Inhibitors of Complement C1s and Coagulation FXIa	University of Basel
310	Alessandro	Angelini	A quantitative directed evolution platform for the rapid discovery of genetically encoded macrocyclic peptide ligands	Ca' Foscari University of Venice

No.	First Name	Last Name	Paper Title	Organization
311	Anthony	Murray	The design of GUBox, a dual Ox1R/Ox2R peptide agonist with superior wake-promoting and anti-cataplexy effects	Gubra A/S
312	Origène	Nyanguile	DISCOVERY OF POTENT RSV PEPTIDES ANTIVIRALS	Hes-so Valais-wallis
313	Marie	Pedersen	Developability screening of pharmaceutical peptides	Novo Nordisk A/S
314	Ana Leticia	Pires	Two New Orbitides, [1–10-NaC]-croheorbs A1 and A2, Isolated from the Latex of Croton heliotropiifolius	UNESP
315	Nicholas	Schumann	Chemical Synthesis and Evaluation of Insulin Analogues Derived from a Venom Insulin of the Cone Snail Conus geographus	University of Utah
316	Ved	Srivastava	The GLP-1 Story and How Physics-Based AI Is Shaping the Modern Drug Discovery	Perpetual Medicines
317	Mathias	Wendt	Targeting Neurodegenerative Diseases with Priavoid's Peptide Drug Development Platform	Priavoid GmbH
318	Fengping	Xiao	A Streamlined Framework for Peptide Hit Discovery Integrating Designable DNA-Encoded Libraries and Direct-to-Biology Workflows	BioDuro
319	Jaehoon	Yu	A cardiolipin-targeting α -helical bundle peptide stabilizes inner membrane of mitochondria, down-regulating ALCAT1 to shut down pathogenic remodeling in oxidative stress condition	Seoul National University
320	Dayana	Alonso	Multicomponent C-terminal lipidation of antimetabolic peptides	Leibniz Institute of Plant Biochemistry
321	Gongli	Cai	Development of a cyclic peptide for SOST targeting to prevent osteoporosis	Hong Kong Institute of Science & Innovation, Chinese Academy of Science
322	Erica	Campagna	Cathepsin-B activable prodrugs of histone deacetylase inhibitors	Università Degli Studi Della Campania "Luigi Vanvitelli"
323	Hey Pui Carina	Cheung	Development of Sclerostin inhibitors via one-bead-one-compound peptide library for osteoporosis treatment	Hong Kong Institute of Science & Innovation, Chinese Academy of Sciences
324	N/A	N/A	N/A	N/A
325	Hiba	Ghareeb	Mirror-Image Random Nonstandard Peptides Integrated Discovery (MI-RaPID) Technology Yields Highly Stable and Selective Macrocyclic Peptide Inhibitors for Matrix Metalloproteinase 7	Hebrew University of Jerusalem
326	Juan	Hu	PERMEATION SCREENING OF A MACROCYCLIC PEPTIDE DNA-ENCODED LIBRARY	San Diego State University
327	Yuhua	Huang	A PCSK9 Vignette: from mRNA Display to Passively Permeable Macrocycles	Merck
328	Shinji	Katsuoka	Preparation of Peptides and Their Inhibitory Activity Effects Against BACE1	Kanto Gakuin University
329	Julia	Lisa Molina	Uncovering Novel Cysteine-Rich Peptides from Mediterranean Plants	IRBLleida
330	Esra	Malkawi	A NEW CLASS OF ANTIBIOTICS WITH POTENT ACTIVITY AGAINST MULTIDRUG-RESISTANT BACTERIAL PATHOGENS	Amman Arab University
331	Francoise	Ochsenbein	Optimization and Selection of ASF1-Binding Peptides with optimized quantitative bacterial two-hybrid Using qB2H	CEA Saclay
332	Emilia	Oueis	Allosteric and PPI peptidic inhibitors of ATPase for the treatment of bacterial pneumonia	Khalifa University of Science and Technology
333	Mischa	Schüttel	Unlocking Macrocycles at Scale with nGen: Integrated High-Throughput Synthesis and Generative AI	Orbis Medicines SA
334	Sayuri	Takeo	AMIDE-TO-CHLOROALKENE SUBSTITUTION AS PEPTIDE BACKBONE MODIFICATION FOR ENHANCEMENT OF MEMBRANE PERMEABILITY	Kobe Gakuin University
335	Stephanie	Vogt	New Analogs of Clinical Complement Inhibitors with Low-Picomolar Target Affinity Enable New Applications	ETH Zürich
336	Edit	Wéber	Mapping and Linking Druggable Sites on Rad6 Using Proteomimetic Fragments and AI-assisted Design	University of Szeged
337	Yue	Zhang	RaPID Selection of Nonstandard Thioindole-Bridged Bicyclic (TiB) Peptides Targeting TNF	Shanghai Jiao Tong University School of Medicine
338	Christian	Bech-Bartling	The design of GUBox, a dual Ox1R/Ox2R peptide agonist with superior wake-promoting and anti-cataplexy effects	Gubra A/S
339	Jacob	Clinton	Affibody-mediated Peptide Nucleic Acid Pretargeting Using Dual Hybridization Sequences for Increased Therapeutic Potential	Royal Institute of Technology
340	Maya	Guncheva	Amino Acid Ester-Based Ionic Forms of Betulinic Acid Exhibit Enhanced Anti-breast Cancer and Immunomodulatory Activity	Bulgarian Academy Of Sciences
341	Tetsuya	Kadonosono	Cell-surface display platforms for epitope-directed discovery and affinity evaluation of antigen-binding molecules	Institute of Science Tokyo
342	Beata	Kolesińska	ANTI-AMYLOIDGENIC PEPTIDES AS COMPONENTS OF COLLAGEN-BASED GEL	Lodz University of Technology
343	Christine	Krofta	Structure-Activity Relationship Studies of Targeting PD-L1 Peptide (TPP-1)	Bielefeld University
344	Takaaki	MIZUGUCHI	New Positive Allosteric Modulators for μ Opioid Receptor from Oxytocin	Kitasato University
345	Susanna	Navarro	DISSECTING ANTIMICROBIAL PEPTIDE MECHANISMS THROUGH LPS STRUCTURAL VARIABILITY IN ESCHERICHIA COLI	Universitat Autònoma Barcelona
346	Vesna	Petrovic Perokovic	Design and synthesis of novel desmuramyl peptide glycoconjugates	University of Zagreb
347	Krzysztof	Polaczek	PDGF-Derived Peptides: From Receptor Binding to Cellular Signaling in wound healing	University of Gdańsk
348	Miroslav	Rangelov	Binding Studies of 2-Aminobenzimidazolyl-1-hydrazones: Biophysical Characterization of Serum Albumin Interactions and BTK Inhibitory Activity	Bulgarian Academy of Sciences
349	Ella	Sawtell	Development of Targeted Alpha Therapies using Display Technologies.	University of Bath

No.	First Name	Last Name	Paper Title	Organization
350	Dominic	Seiðenschmidt	Cryptophycin as Payload in SMDCs Targeting Integrin $\alpha\beta 3$ Cleavable by Neutrophil Elastase	Bielefeld University
351	Yuri	Takada	Development of SNAIL1 Peptide-Based Inhibitors and Degraders Targeting Lysine-Specific Demethylase 1	The University of Osaka
352	Andreas	Tzacos	BYPASSING GLOBLASTOMA CELLULAR RESISTANCE VIA AN INTERNALIZING PEPTIDE-DIRECTED THERANOSTIC PLATFORM	University of Ioannina
353	Marius	Werner	Late-Stage Functionalization of Peptides on the Solid-Phase	Heidelberg University
354	Ewa	Wieczerszak	Targeting HER2-Positive Breast Cancer With a New Affibody-Nanodrug System	University of Gdansk
355	Dominik	Windisch	Development of Highly Gut-Stable Melanocortin-4 Receptor Agonists for the Oral and Gut-Specific Treatment of Metabolic Disorders	University of Vienna
356	Sima	Alvani Alamdari	Synthesis and Characterization of Thermo-Responsive Magnetic Molecularly Imprinted Polymers for Selective Recognition of Peptide-Drug Conjugates	Lodz University of Technology
357	Georgia	Biniari	SYNTHESIS OF PLGA NANOPARTICLES ENCAPSULATING IMMUNODOMINANT MOG35–55 PEPTIDE ANALOGUES FOR THE TREATMENT OF MULTIPLE SCLEROSIS	University of Patras
358	Sayan	Chakraborty	Development of Bioactive Peptide Inhibitors Regulating Mfn2/PTEN-Mediated Mitochondrial Signaling	Bar-ilan University
359	Wael	El Yazidi Mouloud	EXPLOITING AVIDITY EFFECTS FOR THE SYNTHESIS OF POTENT ANTIVIRAL PEPTIDES TARGETING THE HTLV-1 TAX-1 ONCOPROTEIN AND HUMAN DROSOPHILA DISCS LARGE TUMOR SUPPRESSOR INTERACTION	Vrije Universiteit Brussel
360	Yuri	Glagovsky	Expanding the scope of cyclic peptide binders to ubiquitin chains via selective modifications and direct cellular screening	Technion – Israel Institute of Technology
361	Khadija	Ngom	SYNTHESIS OF CONFORMATIONALLY CONSTRAINED AROMATIC AMINO ACIDS POWERED BY NI ELECTROCATALYSIS AND PD-MEDIATED CROSS-COUPPLINGS	Vrije Universiteit Brussel
362	Morgane	Rivoal	Development of allosteric modulators to study Neurotensin receptors type 1 and 2 as new targets for the treatment of chronic pain	Vrije Universiteit Brussel
363	Alicia	Sanz-Maestro	Library-derived Peptides for Targeted Protein Modulation in Parkinson's Disease	University of Bath
364	Tuule	Treiberg	Novel macrocyclic peptide-based uPAR-targeting fluorescent probes for intraoperative fluorescence imaging	University of Copenhagen
365	Mario	Abellán Dumont	4-trans-Hydroxyproline Derivatives as a New Class of TRPM8 Antagonists. From SARs to in vivo Activity	Instituto de Química Médica
366	Sebin	Abraham	Selective Targeting of RhoA G17V Oncogenic mutant by Macrocyclic Peptides Identified Through Phage Display and Structural Mapping	Texas A & M University
367	Biswajit	Biswas	New Frontiers in Kinase Drug Discovery	The University of Queensland
368	Ivan P.	Bogdanov	From small molecules investigated as Factor XIIIa Inhibitors to biological target diversity	Bulgarian Academy of Sciences
369	Hyeong Woon	Choe	A Cardiolipin-Targeting α -Helical Bundle Peptide forms Self-Assembled Trimer to Facilitate Cell Penetration and Stabilizes Inner Membrane to Rejuvenate Mitochondrial Dysfunction	Seoul National University
370	Georgi I.	Ivanov	DESIGN AND DEVELOPMENT OF NOVEL LOW-MOLECULAR-WEIGHT CARBOXAMIDES AS DUAL MODULATORS OF MAO-B AND α -SYNUCLEIN	Bulgarian Academy of Sciences
371	Bernhard	Jandl	Harnessing nature's defences to treat gut biofilms	University of Vienna
372	Mindi	Li	Combinatorial Optimization of Cyclic Peptides for Oral Activity at Somatostatin Receptor 2	Monash Institute of Pharmaceutical Sciences
373	Sofia	Martins	Multifunctional Bone-Targeting Peptides for Inhibition of the RANK-TRAF6 Interaction	Center For Nuclear Sciences and Technologies, Instituto Superior Técnico
374	Gregoire	Menoud	High-throughput synthesis and screening of > 70,000 peptidic compounds with covalent warheads	Swiss Federal Institute of Technology EPFL
375	Isabelle	Riches	Synthesis of RXFP3 ligands using a solid-phase support	The Florey Institute of Neuroscience and Mental Health
376	Matilde	Rossi	Development of PNA-Peptide Chimeras Targeting G-quadruplex Structures	University of Florence
377	Latifat Olabimpe	Sidiq	ANTIDIABETIC EFFECTS OF CYCLOTIDE-RICH EXTRACTS FROM SELECTED NIGERIAN MEDICINAL PLANTS: AN ETHNOPHARMACOLOGICAL APPROACH	University of Ibadan and Kwara State University
378	Aditi	Singh	TARGETING GLP-1 RECEPTOR AND DPP-4 ENZYME FOR DIABETES DRUG DISCOVERY.	IIT Bhubaneswar
379	TASVILLA	SONALLYA	Mechanistic Insights into Antimicrobial Peptide-Extracellular Vesicle Interactions and Therapeutic Applications in Sepsis	HUN-REN Research Centre for Natural Sciences
380	Jona	Voss	On Demand Activation of Cryptophycin Drug Conjugates by Click Chemistry	Bielefeld University
381	Charity D.	Yongo-Luwawa	Non-destructive quantification of peptide trifluoroacetates	Université de Montréal

Theme 06: Emerging peptide-based technologies and drug development

No.	First Name	Last Name	Paper Title	Organization
382	N/A	N/A	N/A	N/A
383	Giacomo	Bettin	Generation and characterization of macrocyclic peptide ligands targeting therapeutically relevant protein	University of Udine
384	Gerardo	Byk	Novel multiplex combinatorial screening method based on the use of nanohydrogels, for discovering tumor targeting synthetic molecules.	Bar Ilan University

No.	First Name	Last Name	Paper Title	Organization
385	Kilian	Colas	Direct mRNA Display Discovery of de novo Engineered Ubiquitins Selective for Oncogenic Mutants	University of Tokyo
386	Cristina	Díaz-Perlas	Innovative phage display libraries for precision protein targeting	Institut Químic de Sarrià (IQS-URL)
387	Fosca	Errante	TARGETED PEPTIDE–SILK HYBRID PLATFORMS FOR NON-INVASIVE MANAGEMENT OF GASTROINTESTINAL BLEEDING	Interdepartmental Laboratory of Peptide and Protein Chemistry and Biology
388	Offir	Ertracht	Assessing the Efficacy of Peptides on Acute Coronary Syndrome In-vivo	Galilee Medical Center
389	Guy	GOUARIN	Microfluidics-Driven Assembly of Sonoresponsive Peptidic Nanoparticles for Ultrasound-Mediated Gene Delivery	Bracco Suisse SA
390	Ali	Hallaj	A non-disruptive compound to enhance cytosolic delivery of cell-penetrating peptides	University of Lausanne
391	Roland	Hellinger	Natural cyclic peptides as scaffolding molecules for the design of peptide therapeutics	Medical University of Vienna
392	Twan	Hopstaken	Moving From Affinity to Activity Selection in mRNA Display	Vrije Universiteit Amsterdam
393	Yuji	Ito	Application of Antibody Site-Specific Modification Method tCAP to Brain-Penetrating Antibody-Oligonucleotide Conjugate	Kagoshima University
394	Prashant	Mishra	Engineered peptide based nano systems for improving therapeutic and diagnostic potential of anticancer agents	Indian Institute of Technology Delhi
395	Markus	Muttenthaler	Strategies for gut-specific oral peptide drug development	The University of Queensland
396	Ryotaro	Okawa	Integration of the Ugi Reaction for Post-Translational Modification in mRNA Display	Vrije Universiteit Amsterdam
397	Shih-Yu	PAN	Integration of Pd-mediated post-translational modification into the RaPID selection system	University of Tokyo
398	Katerina	Papanikolopoulou	Breaking the vicious cycle: The cyclic peptide Tau020 Reduces Tau aggregation, Alleviates toxicity and Restores cognitive function in a Drosophila Model of Tauopathy.	BSRC Alexander Fleming
399	Cristina	Peggion	Multifunctional Bioactive Cotton: Synergistic Antimicrobial and Regenerative Properties through Chemoselective Peptide Conjugation	University of Padova
400	Priyanshu	Priya	HYBRID PEPTIDE CONJUGATED NANOPARTICLES FOR TARGETED BREAST CANCER THERAPY	University of Queensland, Indian Institute of Technology Delhi Research Academy
401	Simon	Tang	Peptide Asparaginyl Ligase Engineering by Directed Evolution	University of Bath
402	Alesia	Tietze	Targeting HER-2-positive cancers by transmembrane peptide-loaded ionic liquid nanocarriers	University of Gothenburg
403	Hala	Alnasif Alhadi	Development of pH-Responsive Peptide Systems for mRNA-Mediated Antimicrobial Peptide Delivery	King's College London
404	Stephanie	Bellmaine	Peptide Stability in GMP-Manufacturing: Minimizing Risk to Peptide Drugs from Single-Use Assemblies	Merck Life Science
405	Yaima	Campos Mora	A Multifunctional Thermoresponsive Micellar Hydrogel System for Targeted Skin Depigmentation, Enhanced Dermal Penetration, and Extracellular Matrix Stimulation.	Barcelona University
406	Damin	Choi	In Situ Click Chemistry Screen of an On-Nanoparticle DNA-Encoded Library for the Development of Selective and Potent Peptoid Ligands	Pohang University of Science and Technology (POSTECH)
407	Bei yuan	CUI	Discovery of post-translational modified binders by mRNA Display	University of Sydney
408	Giuseppina	Guida	ENGINEERING ANTICANCER PEPTIDES TO IMPROVE ORAL BIOAVAILABILITY VIA LIPIDATION	Queensland University of Technology
409	Yebin	Ha	A FRET-Based One-Bead-One-Compound Screening Strategy for Direct Identification of Functional PPI Inhibitors	Pohang University of Science and Technology (POSTECH)
410	Jungyeon	Kim	A PNA-Encoding Strategy Enables Synthesis and Screening of Libraries Requiring DNA-Damaging Reactions	Pohang University of Science and Technology (POSTECH)
411	Giulia	Lodigiani	Peptide-Based Surface Engineering of Biomimetic Liposomes for Biomedical Applications	CNR
412	Sanko	Nguyen	The development of topical formulations of liposomal micrococccin P1 for wound infections	Oslo Metropolitan University
413	Yaimara	Solis	Preliminary evaluation of the stability of a liposomal formulation of OmegaCalm based on active peptides for cosmetic applications.	University Of Barcelona
414	Christos	Tsiamantas	DNA-Encoded Libraries and Display Technologies Empower Early Discovery of Peptide Drugs and Peptide-Based Delivery Tools	Crelux GmbH
415	Hee Myeong	Wang	Encoded Display of Chemical Libraries on Nanoparticles as a Versatile Platform for Protein Ligand Discovery	Postech
416	Luxi	Zheng	Arginase 2 Drives Osteoarthritis Progression by Coupling Arginine Peptide Level Dysregulation to Mitochondrial Dysfunction in Chondrocytes	Hong Kong Institute of Science & Innovation
417	Janis	Birrer	Expanding AS-MS for the Discovery of Covalently Binding Peptides	ETH Zurich
418	N/A	N/A	N/A	N/A
419	Ruza	Frkanec	Peptidoglycan-Based Biomimetic Nanomaterials Reveal Lectin Recognition in DAP-Type Bacteria: Toward Rational Design of Antimicrobial Therapeutics	University of Zagreb
420	Sravanthi	Guggilapu	PEPTIDE MICROARRAY PLATFORM FOR HIGH THROUGHPUT DISCOVERY AND OPTIMIZATION OF PROTEIN–BINDING PEPTIDES	Abbvie
421	Magoti	Masota	APPLICATION OF PEPTIDE-ENCODED LIBRARIES OF SMALL MOLECULES FOR THE DISCOVERY OF CHEMICAL INDUCERS OF PROXIMITY	ETH Zurich
422	Vanessa	Nozal	Phage display validation of lysosomal targeting receptors for the treatment of lung cancer.	Universitat Ramon Llull

No.	First Name	Last Name	Paper Title	Organization
423	Nico	Preisng	Establishment of a CytoSorb-Based Peptide Library for the Identification of Novel Bioactive Peptides	CFP/Ulm Medical Center
424	Dora	Racunica	Characterization of a Novel Thiazole-Installing RiPP Maturase from Acidobacteriota	ETH Zürich
425	Richard	Schreiter	Transcending Amino Acid Limitations: Enzymatic Halogenation for Phage Display Diversification	Institute for Drug Discovery, Leipzig
426	Canay	Yildiz	ADMET of peptides: Are we there yet?	University of Bonn
427	Alessia	Calzi	Molecular Determinants of Inhibition of Amyloid Self-Assembly of Islet Amyloid Polypeptide (IAPP) and Amyloid-beta Peptide (Aβ42) by Designed Cyclopeptides	TUM
428	Mira	Mayerl	Development of an AS-MS Platform for the Identification of Novel Macrocyclic Peptide Binders	ETH Zürich
429	Tuba	Polat	Rational Design of Fc-Binding Peptide Ligands as Next-Generation Alternatives to Protein A for Antibody Purification	Acibadem University
430	Lucie	Bastien	Bifunctional de novo peptides to tackle antimicrobial resistance	Symmes-CHUGA-DCM
431	Elena	Becker	Cyclized Dynorphin Peptides Targeting the Kappa Opioid Receptor as Novel Drug Candidates for Pain Management	Medical University of Vienna
432	Roberto	Cutolo	Synthesis and preclinical evaluation of a dual PET radiotracer peptide for cancer imaging	University Of Campania "L. Vanvitelli"
433	Jannes	Felsch	From Mono- to Bicyclic: Improvement of Stability and Affinity by the Introduction of a Click-Bridge into the Cyclic Peptide 5C6	University Basel
434	Mimi	Golder	The ASIC Thumb Domain as a Target for Nanobody Modulation and Ligand Discovery	The University of Queensland
435	Thania	Hammoum	Design of smart peptide-based nanoparticles for siRNA delivery in gastrointestinal stromal tumors (GIST).	University of Montpellier
436	Yuji	Kamei	Discovery of De Novo Peptidic Binders for the Oncogenic Chromatin Factors	EPFL
437	Esther	Meron	Discovery of a de novo glucagon antagonist peptide using mRNA display	Gubra A/S
438	Irene	Toledo	Hydrophobicity gradients control function in short peptide self-assembled nanostructures	Materials Physics Center (CFM) CSIC-UPV/EHU
439	Daisuke	Yamasaki	Nuclear Delivery of Antibodies for the Modulation of TDP-43 Liquid-Liquid Phase Separation	Kyoto University

Theme 07: Peptide-carbohydrate, -lipid, -nucleic acid & -drug conjugates

No.	First Name	Last Name	Paper Title	Organization
440	Mare	Cudic	Synthesis of MUC1 Tn/Sialyl Tn Glycopeptides and Combinatorial Libraries for Lectin Binding Studies	Florida Atlantic University
441	Hironobu	Hojo	Chemical synthesis of difucosylated insect toxin by the substituted benzyl protection strategy	The University of Osaka
442	Oliver	Seitz	Impact of glycoclustering on the structure of mucin peptides	Humboldt University Berlin
443	Kristina	Westerlund	PNA-Guided Pretargeting for HER2-Targeted Antibody-Based Radionuclide Therapy	Kth Royal Institute of Technology
444	Yuichiro	Aiba	Parallel-Stranded Design of Peptide Nucleic Acids for Efficient Recognition of Double-Stranded DNA	Nagoya University
445	Zukaa	Altaleb	Design and evaluation of FPR1 specific bacterial signal peptide radiotracers for radiopharmaceutical applications	University of Applied Sciences Kaiserslautern
446	Shin	Izuta	A Cyclic Peptide Discovery Platform for Targeted Nucleic Acid Delivery	FUJIFILM Corporation
447	Julien	König	Structural characterization of fatty acid modifications in ribosomally encoded N-acylated lipopeptides	ETH Zürich
448	Jianmin	Liu	A Full Life Cycle-Regulated PROTAC for Reducing Off-Tissue Toxicity through Precise Dual-Stimuli Regulation within Tumor Cells	Technische Universität Berlin
449	Cian	Reid	Radiolabelling in the New Age of Peptide Therapeutics	Pharmaron
450	Izabela	Siekierska	Hydrocarbon-stapled Peptides and Small-molecule Antibiotics in Conjugation with Antisense Peptide Nucleic Acids to Fight Gram-negative Bacteria	University of Warsaw
451	Jan-Niklas	Bollnow	Structure-Activity Relationship of Cryptophycin Drug Conjugates	Bielefeld University
452	Charlotte Rose	Harper	DEVELOPING PEPTICE-OLIGONUCLEOTIDE CONJUGATES TO TARGET HYPOXIA-SPECIFIC TRANSLATION OF EGFR	University of Nottingham
453	Fie	Davidsen	Peptide-Oligonucleotide Conjugates for Elucidation of Endosomal Escape Mechanisms	Copenhagen University
454	Rosana	Ribić	Investigation of the interactions between mannosylated desmuramyl peptides and mannose-binding proteins	University North
455	Caroline	Brinkmann	Synthesis and FRET-based Cleavage Study of an αVβ6-Targeting PDC	Bielefeld University
456	Jing	Ji	LIPIDATION OF CYCLIC A-CONOTOXIN VC1.1 AND ITS EFFECTS ON STRUCTURE, STABILITY, AND BIOLOGICAL ACTIVITY.	Institute for Molecular Bioscience
457	Lucy	McCormack	In Situ Photocatalytic Proximity Glycan Labelling To Probe Cell Surface Glycan Interactomes	Trinity College Dublin
458	Cesar Augusto	Roque Borda	Engineering antimicrobial peptides through nanocarrier surface design and intracellular targeting for tuberculosis therapy	Sao Paulo State University

Theme 08: Peptide structure & conformation

No.	First Name	Last Name	Paper Title	Organization
459	Lukasz	Berlicki	De novo Design and AI-supported Flow Synthesis of Catalytic Miniproteins	Wroclaw University of Science And Technology
460	Ivanka	Jeric	C-Glycosyl α-Amino Acids as Structural Encoders of Peptide Conformation	Rudjer Boskovic Institute
461	David	Reiter	Deciphering the Fluorous Effect in Protein Quaternary Assembly	Freie Universität Berlin

No.	First Name	Last Name	Paper Title	Organization
462	Nikolai	Hempel	β -Sheet Induced Charge-Regulated Supramolecular Copolymerization for Injectable Thermoresponsive Hydrogel Scaffolds	Johannes Gutenberg University Mainz
463	Anton Florian	Ketzel	Conformational Analysis of Cyclic Peptides in Polar Environments using Anisotropic NMR and Advanced Conformational Sampling Techniques	Leibniz-Forschungsinstitut für Molekulare Pharmakologie
464	Xiyue	Leng	Exploring the design space of 310-helical bundles using non-canonical amino acids	University of Bristol
465	Maxime	Naudé	DESIGNING FUNCTIONAL DE NOVO PROTEIN FIBRES	University of Copenhagen
466	Arthur	VITARD	Uncovering the structural logic of Cnn autoinhibition: an integrative NMR, SAXS, HDX-MS and AlphaFold approach	CNRS-I2BC
467	Yasien	Amer	STEREOCHEMICAL CONTROL OF SELF-ASSEMBLY IN EAK16 PEPTIDES	University of Bern
468	Alicia	Courvoisier-Clément	Discovering the full diversity of β -helical origamin-like peptides	ETH Zürich
469	Dániel	Horváth	Evolutionarily Conserved Amyloid Architecture in the PACAP–Glucagon Peptide Superfamily	HUN-REN - ELTE
470	Aritra	Naha	A twist in the tail: C-Terminal β -Turn Formation Governs Frame-Dependent Collagen Triple-Helix Stability	Jawaharlal Nehru centre for Advanced Scientific Research
471	Roberto	Rojas	Ice Recrystallization Control in Basic Homopeptides: A Leucine Scanning Study of R ₁₁ and K ₁₁ Sequences	UDLA
472	Ewa	Rudzińska-Szostak	The NMR Structures of De Novo-designed Novel Miniproteins Containing 2-Aminocyclopentanecarboxylic Acid Residues	Wrocław University of Science And Technology
473	Chitra	Sadanandhan	Nitrogen chirality in azapeptide turns	Université de Montréal
474	Carmen	Simal	NMR-RESTRAINED STRUCTURAL ELUCIDATION OF MITOXANTRONE CONJUGATES WITH GNRH PEPTIDE ANALOGUES	University of Patras
475	Vikrant	Vini	Stabilization of Helical Structures in Oligopeptides through Modification of Phenylalanine Residues	Indian Institute of Technology Kanpur
476	Elena	Zindovic	Conformational complexity of the disordered N-terminal region in biological function of tumor suppressor p53 protein	CNRS University of Strasbourg
477	Tobias	Gökler	Sequential Phosphorylation of the β -Catenin N-Terminus as Potential Regulatory Mechanism Beyond Proteasomal Degradation	Technical University of Vienna
478	Eliott	Roy	Conformational Effects of Fluorinated Aminocyclopropane Carboxylic Acids Incorporation in Peptides	IBBN - CNRS
479	Kajumee	Bora Bhowal	Turning Peptides with Cyrene-Derived Amino Acid Residues	Université de Montréal
480	Subir	Chatterjee	Design of miniproteins: From ultrastable α -helical hairpins to α -helical macrocycles as bivalent inhibitors of protein protein interaction	Indian Institute of Science

Theme 10: Bioactive peptides II (neuropeptides/hormones, peptides to target receptors/ion channels/transporters, metabolism, enzyme modulators, delivery/uptake)

No.	First Name	Last Name	Paper Title	Organization
481	Jan	Bakos	Effects of oxytocin on neurite outgrowth and postsynaptic proteins in neurons from dopaminergic brain regions in an animal model of autism	Comenius University, Bratislava
482	Zoltán	Bánóczy	Chemical Modifications To Improve Cellular Uptake – From Trp Till Azaglycine	Eötvös Loránd University, ELTE
483	Prisca	Boisguerin	Dual Peptide Strategy for Enhanced Rescue of Mutated CFTR Channel Function in Cystic Fibrosis	PhyMedExp
484	Predrag	Cudic	Cyclic Peptide-Based Platform for Targeted Delivery to the Brain	Florida Atlantic University
485	Stepan	Denisov	Production of human Trefoil Factor Family peptide 2 (hTFF2) and hTFF2-based photo-crosslinking probes for elucidation of its molecular targets and therapeutic scope in chronic gut disorders	University of Vienna
486	Nicolas	Gilles	Engineering a snake toxin as a positron emission tomography agent for diagnosing metastatic renal carcinoma	Cea
487	Justin	Holub	A Helical Peptide Antagonist of the Human Growth Hormone Receptor	Ohio University
488	Yen-Hua Crystal	Huang	Cyclotides Facilitate the Oral Efficacy of Neuroactive Peptides Targeting Insect Pests	The University of Queensland
489	Maud	Larregola	A unique amino acid substitution can significantly increase internalization of Cell Penetrating Peptide	Cy Cergy Paris University
490	Ayami	Matsushima	Estrogen receptors drive transcriptional activation of an opioid peptide precursor gene	Kyushu University
491	Diego	Núñez-Villanueva	Therapeutic Peptides as Novel Agents Against Ventricular Arrhythmias	Instituto De Química Médica
492	Steve	Peigneur	DEVELOPING VENOM PEPTIDE-BASED PHARMACOLOGICAL TOOLS TO TARGET ONCOGENIC ION CHANNELS	University of Vienna
493	András	Perczel	Evolution Did Not Eliminate Aggregation: Functional Amyloids Enable Hormone Storage and Signaling	Eötvös Loránd University
494	Samuel	Robinson	Molecular mimicry by venom peptides	University of Queensland
495	Harald	Sitte	Structural and functional basis of antinociceptive action of χ -conotoxin AolA at the noradrenaline transporter	Medical University of Vienna
496	Ho Yan	Yeung	Molecular mimicry of the gut-brain hormone neurotensin by parasitic intestinal hookworms	University of Copenhagen
497	Viktorie	Lukesova	Exploring the Impact of Palmitoylated PrRP31 and Liraglutide in Mouse Model of Obesity and MASLD	Iocb Prague
498	Barbora	Neprašová	Lipidized Prolactin-Releasing Peptide in the Treatment of Obesity	Iocb Prague
499	Justyna	Borawska-Dziadkiewicz	Bioactive Peptides with ACE- and DPP-IV-Inhibitory and Antioxidant Activities from Trout Proteins: Integration of In Silico Prediction and Simulated Digestion	University of Warmia and Mazury in Olsztyn
500	Shiroh	Futaki	Pullulan-Based Microcondensates with Cationic Peptides for Efficient Cytosolic IgG Delivery	Kyoto University

No.	First Name	Last Name	Paper Title	Organization
501	Serhii	Kharchenko	Photoisomerization-Dependent Glycan Binding of Engineered Lectin-like Peptides: Toward Light-Controlled Bioactivity of Lectins.	Karlsruhe Institute Of Technology
502	Kinga	Marszałek	Design and synthesis of therapeutic peptides with anti-inflammatory and regenerative properties for use in the treatment of equine gastric ulcer syndrome (EGUS)	University of Gdansk
503	Damir	Mogut	Proteolytic Release of ACE-Inhibitory and Antioxidant Peptides During Simulated Gastrointestinal Digestion of RUF-Enriched Yogurt	University of Warmia and Mazury in Olsztyn
504	Haruto	Nakajima	Rational Design and Structure-function Evaluation of Amphiphilic β -Helical Nanopore Peptides	Yokohama National University
505	Katarina	Tomic	Engineering NPY-Functionalized Erythrocyte Membrane Vesicle for Breast Cancer Treatment	Insitute Jožef Stefan
506	Katalin	Uray	A Modular Neuropilin–HSV Derived RF–Tuftsin Platform For Targeted Delivery: Validated in Spheroids and Epithelial Barrier Models	HUN-REN - ELTE Research Group Of Peptide Chemistry
507	Xun	Zhang	In vitro selection of boronic acid-containing macrocyclic peptides as glycan-recognizing biomarkers	The University of Tokyo
508	Honorine	Chartier	Peptide Targeting of Cytosolic Phospholipase A2 as a Novel Therapeutic Strategy in Alzheimer's Disease	University of Mons
509	Mahesh Kumar	Cinthakunta Sridhar	Strategic Optimization of Coupling Reactions and Green Solvents for Sustainable Peptide Manufacturing	Bar Ilan University
510	Carlos	Cuadros-Higueras	Side-Chain to Side Chain Cyclic Peptide DECA-11 Analogues for Ventricular Arrhythmias	Instituto De Química Médica
511	Aleksandra	Czerchawcy	Selection, synthesis and interaction of hACE2 peptide fragments towards spike protein of the SARS-CoV-2 virus	Lodz University of Technology
512	Loïc	Durand-Baudet	G Protein Signaling-Biased μ -Opioid Receptor Agonists and their Incorporation in Multitarget Ligands Containing Non-Opioid Pharmacophores for Improved Pain Therapy	Vrije Universiteit Brussel
513	N/A	N/A	N/A	N/A
514	Paul David	Jungnickel	Novel Truncated Neuropeptide Y Derivatives with Improved Plasma Stability and Selectivity for the Human Neuropeptide Y1 Receptor	Institute of Biochemistry
515	Isabell	Ober	New pharmacological tools to unravel the role of oxytocin receptor – dopamine D2 receptor heterodimers	University of Vienna
516	Nataliia	Petlova	Rational Design and Structure–Activity Relationship of Spider- and Snake-Venom-Derived Peptides Targeting Acid-Sensing Ion Channels	Karlsruhe Institute of Technology
517	Alaa	Reguei	Design of biased GPCR modulators by combining artificial intelligence and molecular simulation	Université Paris Cité
518	Scott	Allen	Screening Cyclised Peptides Inside Cells to Identify Short Helical Inhibitors of Alpha-Synuclein Aggregation	University of Bath
519	Ayetenew Abita	Desa	Targeted Inhibition of Fis1/Mfn1 Protein-Protein Interactions with Peptides Promotes Cardioprotection In Vitro	Bar Ilan University
520	Jonathan	Dieringer	Cyclic Peptides as Research Tools to Study Prolyl Oligopeptidase Inhibition	Medical University of Vienna
521	JOSIP	MIHALAC	Enhancer-driven changes in Peptide Permeability on In Vitro models	University of Rijeka
522	Monika	Perisic Boehm	A multimodal molecular toolbox for in vitro and in vivo studies of the oxytocin receptor	University of Vienna
523	Kruttika	Purohit	AI-Guided Discovery of Anti-Inflammatory Peptides from Edible Rhizomes and Root Vegetables	Macquarie University
524	Konstantin	Raabe	Evaluation of Different Photocaging Strategies to Develop Next-Generation Photoprobes	University of Vienna
525	Shinsuke	Shibata	A Triple-Helical Ligand that Selectively Binds to the Closed α 2I Domain of Integrin α 2 β 1	Waseda University
526	Jules	Vastra	Multidynamic Cell-Penetrating Peptide-Based Nanoparticles for siRNA Delivery	Université de Montpellier, CNRS, ENSCM

Theme 13: Peptides as tools in material sciences & catalysis

No.	First Name	Last Name	Paper Title	Organization
527	Greta	Bergamaschi	Peptide-based supramolecular hydrogels for 3D bioassays	National Research Council Of Italy (SCITEC-CNR)
528	Claudia	García Delgado	Graphene Oxide-Peptide Nanofibers as Platforms for Cell Bioactive Responses	CICA, Universidade da Coruña
529	Ana María	García	HYDROGEL FORMATION VIA BASE-TRIGGERED CONVERSION OF A PEPTIDE PROGELATOR	University of Castilla-La Mancha
530	Shubhi	Joshi	Peptide-functionalized Nanocoatings for Prevention of Biofouling and Device-Associated Infections	Panjab University
531	Wen-Wu	Li	Creating Antibiofilm and Antibacterial Endotracheal Tubes Using Antimicrobial Peptides and Antibiotics	Keele University
532	Roi	Lopez-Blanco	Sequence-programmed control of coacervate stabilisation mechanisms using modular peptides	Eindhoven University of Technology
533	Mathijs	Mabesoone	Data-Driven Mapping of Interfacial Properties of Pure and Multicomponent Peptide Amphiphiles Systems	Radboud University
534	Marc	Mathieu	Bacterial Suicide	HES-SO//valais
535	Mina	Okochi	A peptide interface for collection and functional analysis of migrasomes	Institute of Science Tokyo
536	Kaliroi	Peqini	A bio-inspired approach towards the development of peptide materials	Università degli Studi di Milano
537	Oguzcan	Ates	Identification and characterization of palladium-binding peptides via phage display for sustainable palladium recovery	Helmholtz Institute Freiberg For Resource Technology
538	Shubhra Kanti	Bhaumik	Optically switched transient amyloid-like fibrils for antibiotic degradation	Ben-Gurion University of the Negev

No.	First Name	Last Name	Paper Title	Organization
539	Arunavo	Chatterjee	Catalytic Amyloid Fibrils of Pancreatic β -cell Peptide Hormone: A Pathway Towards Amylin Pathology	Ben-Gurion University of the Negev
540	Tatiana	Da Silva-Ferreira	An Artificial Light-Harvesting System Constructed from Aromatic Guests Encapsulated in a Peptide-Based Triaxial Weave	ETH Zurich
541	Volkan	Dolgun	Fullerenol-Based Mimicry of LarE-Type Sulfur Insertase Activity	Middle East Technical University
542	Yoshiaki	Hirano	Synthesis Design and Evaluation of Anti-ice Nucleation Peptides from Phage Display Peptide Libraries	Kansai University
543	Md Jakir	Hossen	Computational Exploration of Nanoscale Chemical Patterning Using Short Peptides	University of Virginia
544	Salih	Özçubukçu	Engineering Stable Enzyme Mimics: Amino Acid-Decorated Fullerenes for Real-Time Optical Sensing	Middle East Technical University
545	Victoria	Remacha	Cytoskeleton stabilized artificial cells and their dynamic behaviour	Eindhoven University of Technology
546	N/A	N/A	N/A	N/A
547	Ling-Hsien	Tu	Peptide-based AIE fluorescent probe for detection of early stage of the amyloid formation by islet amyloid polypeptide	National Taiwan Normal University
548	Sandro	Amador	Amino acid-based hydrogels for electrochemical applications	Universidade NOVA de Lisboa
549	Margarita	Chalganova	Self-Elongating Collagen Mimetic Peptides as Modular Scaffolds for Synthetic Fibrillar Biomaterials	ETH Zurich
550	Sumedha	Gupta	Multifunctional Amphicharged Surfactants: Unraveling pH and Thermal Modulation of their Interactions with Bovine Serum Albumin and Lysozyme	Indian Institute of Technology, Kanpur
551	Seong-jae	Han	AMPLIFYING MAGNETIC RESPONSIVENESS OF SELF-ASSEMBLED PEPTIDE NANOSTRUCTURES VIA SYNERGY OF MNP-HELIX AND ROD-COIL BUILDING BLOCKS	Yonsei University
552	Jung Yeon	Ryu	Thermodynamically Stable Peptide Nanotube Carriers via Cooperative Assembly of Self-Adjusting α Helical Coiled-Coils along mRNA chain	Yonsei University
553	Sarah	Brandão	Influence of Ferrocene Derivative Structure on the Rational Design of Redox-Active Peptide SAMs for Capacitive Biosensing	IQAr/UNESP
554	Milena	Czeszejko	From Self-Assembly to Function: Tunable Peptide Fibrils as Nanocarriers	University of Gdańsk
555	Quentin	Chenin	Self-assembling peptides forming anti-parallel β -sheet nanostructures cross-linked with Genipin	University of Florence
556	Ena	Dražić	Peptide Self-assembly Beyond Known Design Principles: Sequence and Context Interplay	University of Rijeka
557	Chao	Lyu	Integrating Semiconducting Organic Polymers with Biological Systems	University College London
558	SISIRA	MAMBRAM KUNNATH	Allosteric Amyloid Catalysis by Coiled Coil Fibrils	Ben-Gurion University of the Negev
559	Vanessa	Quattrociochi	Self-Assembled Peptide-Au Nanoparticle Hybrid Systems For Catalytic Applications	CICA – UDC

Breaking late poster section

No.	First Name	Last Name	Paper Title	Organization
560	Colin	Simpson	Towards the Expanded Use of Greener Solvents for Peptide Purification	CEM Corporation
561	Hiroko	Kawakami	Toward Next-Generation ADC Platform: tCAP for Site-Specific IgG Modification and Canaline for pH-Triggered Cleavable linker	Kagoshima University
562	Clemens	Hofmann	Improving Teraryl based α -Helix Mimetics via Incorporation of N-Heterocycles	Graz University Of Technology
563	Diana	Imhof	Edman degradation beyond standard	University of Bonn
564	Maria Luisa	Mangoni	The antimicrobial peptide Esc(1–21) potentiates CFTR channel via direct targeting of the nucleotide binding domains	Sapienza University of Rome
565	Andras	Lang	One Spark, Two Fires: Stability and Diversity by Folding. Illuminating the Path of Early Protein Evolution	Eotvos Lorand University
566	Dai	Kun	Peptide Oligomerisation Regulated by Acyl Phosphates	University of Freiburg