



Poster Session 1 · Monday, 7 September 2026 · 17:30-19:30 · Poster area 1st floor

Theme 01: Synthetic peptide chemistry

No.	First Name	Last Name	Paper Title	Organization
1	Felix	Boerman	A Modular Platform for Collagen-Mimetic Peptides Using Diastereoselective Ugi Reactions	AMIBM Maastricht University
2	Hanson	Chang	A Diagnostic 7-mer Model for Quantifying Histidine Racemization in Thermally Accelerated SPPS	CSBio Instrumentation
3	justin	desjardins-michaud	Escaping Histidine Epimerization In Cyclic Azapeptide Synthesis	University of Montreal
4	Gosuke	Hayashi	PHOTOCNTROL OF SYNTHETIC PEPTIDE AND PROTEIN VIA CAGED ARGININE	Nagoya University
5	Raimund	Maier	Tag-Assisted Peptide Synthesis (TAPS) Enabling More Efficient and Sustainable Peptide Synthesis and Purification	Iris Biotech GmbH
6	Norman	Metanis	New Approaches for Chemical Modifications of Cysteine/Selenocysteine in Peptides and Proteins	The Hebrew Univeristy of Jerusalem
7	Carlo	Pifferi	A preassembled backbone-anchored solubilizing tag to simplify native chemical ligation-based protein synthesis	Centre for Molecular Biophysics, CNRS
8	Saed	Bisher	Total Chemical Synthesis of RNF4 by Sequential Native Chemical Ligation: C To N Versus N To C Strategies	Technion
9	Dou	Hong	Total synthesis enabled structural revision, stereochemical assignment and SAR studies of antifungal peptide AFC-BC11	Technische Universität Berlin
10	Ivanka	Jeric	C-Glycosyl α -Amino Acids as Structural Encoders of Peptide Conformation	Rudjer Boskovic Institute
11	Erik	Jung	Automated, chemistry-aware assignment of peptide impurities	TU Berlin
12	Mark	Lambers	Synthesis and Application of Water-Soluble Isocyanides for C-terminal Peptide Modification	Maastricht University
13	Stephan	Lüdtke	Scalable PEC Purification Enables API Grade Semaglutide with Minimal HPLC Intervention	Gyros Protein Technologies AB
14	Aline	Morais De Souza	Synthesis, Radiolabelling and Preliminary Characterization of an EGFR-Targeting DOTA-Conjugated Peptide for Cancer Imaging	School Of Medical Sciences, Santa Casa De Sao Paulo
15	Tim	Reichart	Total Chemical Synthesis of a 92-Amino Acid Target-Binding Monobody via Cysteine-Free Folding-Assisted Ligation	Hampden-Sydney College
16	Irene	Sacco	Unlocking Peptide Crystallinity via Strategic Fragmentation	F.I.S. - Fabbrica Italiana Sintetici S.p.A.
17	Simona	Serban	High-Loading Seplife Fmoc-RinkAmide-PS-PEG Resin: A Robust Solid Support for the Synthesis of Complex Peptides and Tirzepatide	Sunresin
18	Sophia	Slenczka	A HIGH-YIELDING AND STEREOSELECTIVE SYNTHESIS ROUTE TO (2S,3R,4R)-4,5-DIHYDROXYISOLEUCINE (DHILE)	Technische Universität Berlin
19	Yaoyue	Zhang	Pyridium- π Interaction Preserves the N,S-benzylidene Thioacetals in Acidolysis Enabling Efficient Protein Chemical Synthesis	The University of Hong Kong
20	Qingqing	Zhou	Development of a Generalized Platform for Hydrophobic Peptide Synthesis: High-Efficiency Solubilizing Sequences and Ultrafast Tag Removal	WuXi Apttec
21	Claudia	Cobos	Total Chemical Synthesis of Site-Specific PTMs in SMN and Sm Proteins: Connecting Chemistry to snRNP Biogenesis	University of Vienna
22	Alex	Edmonds	N-Terminal Bromodifluoroacetylation Enables Photocatalytic Peptide Functionalisation	The University of Nottingham
23	Viktor	Farkas	Towards peptide libraries: HPLC-based flow peptide synthesis and combinatorial chemistry.	HUN-REN - ELTE Protein Modelling Research Group
24	Simon	Gonzalez	Synthesis and structural characterization of new trifluoromethylated constrained aromatic amino acid surrogates	Cy Cergy Paris University
25	N/A	N/A	N/A	N/A
26	Declan	Meehan	Peptide Macrocyclisation via Intramolecular Trapping of Visible-Light-Mediated Cysteine Radical Formation	University of Nottingham
27	An	Nguyen	Accelerating peptide discovery via high throughput plate-based synthesis	AstraZeneca
28	Nathalie	Ollivier	A Novel Metal Catalyzed Peptide Ligation Method	Uniersité de Lille
29	David	Reis	Catalytic peptide-based coacervates for enhanced function through structural organization and substrate specificity	Instituto de Tecnologia Química e Biológica António Xavier (ITQB NOVA)
30	Abbie	Wilson	Photo-and electro-chemical modifications of peptides	University of Nottingham
31	Fumika	Yoshitomi	Allylic protecting group for Selenocysteine compatible with Fmoc SPPS and removable under aqueous solution	Nagoya University
32	Teresa	Bell	CANCER-TARGETING PEPTIDE FUNCTIONALIZATION OF HYBRID POLYOXOMETALATES	Universität Wien
33	Océane	Bonningue	Accelerated Linker-Free Solid-Supported Native Chemical Ligation	Institut Pasteur De Lille
34	Tom	Götze-Ebert	From Monomers to Dendrimers: Novel Synthetic Strategies for Highly Branched Peptide Nanostructures for Next-Generation Drug Delivery	Leipzig University
35	Maeva	Mercier	IMPROVING PD-CATALYZED GROUP DIRECTED BETA-C-H FUNCTIONALIZATION OF AMINO ACID SIDE CHAINS VIA HIGH-THROUGHPUT EXPERIMENTATION	Vrije Universiteit Brussel
36	Arighna	Sarkar	Polyvalent Thioesters as Multifunctional Chemical Anchors: Towards Synthesis of Homo/Hetero Peptide or Miniprotein Multimers	Tata Institute Of Fundamental Research Hyderabad
37	Herwig	Weißinger	Next generation ligation auxiliaries: Combining intramolecular base catalysis with chemoselective cleavage conditions	University of Vienna
38	Silvia	Bracci	Induction-heating solid-phase strategy to improve the total chemical synthesis of ester insulin	University of Florence
39	Julie	Di Adamo	Engineering nucleophilic catalysis coupled to tandem electrostatic assistance enables native chemical ligation at nanomolar concentrations	Institut Pasteur de Lille

No.	First Name	Last Name	Paper Title	Organization
40	Anastassia	Kraimps	Solid-Phase Peptide Macrocyclization based on Cycloaddition Reactions	University of Zurich
41	An-Jie	Ler	Domino Reactivity from a Linear Nitro-Olefin: A Route to Conformationally Constrained γ -Amino Acids	Kings College London
42	Koki	Nakatsu	Direction-Switching One-Pot Peptide Ligation with Orthogonal CysteinyI Protection	University of Cambridge
43	Michela	Pesenti	DUAL-STATE FLUOROPHORES AS VERSATILE BUILDING BLOCKS FOR SITE-SELECTIVE PEPTIDE LABELING	Università Degli Studi Di Milano
44	Szebasztián	Szaniszló	Methionine Oxidation versus Isosteric Replacement and Their Effects on GLP-2 Synthesis and Amyloid Kinetics	Eötvös Lóránd University
45	Conor	Williams	Thiol-yne Mediated Macrocyclisation and Derivatisation Strategies	Trinity College Dublin

Theme 03: Peptides & Proteins in chemical biology

No.	First Name	Last Name	Paper Title	Organization
46	Tim	Baldensperger	Site-Specific Methionine Oxidation Modulates α -Synuclein Aggregation	University of Vienna
47	Lomane	Berthy	Affinity-driven transfer of a mass tag for the direct profiling of matrix-metalloproteinases in complex biological matrices	Cea
48	Didier	Boturnyn	Clustered antigen architectures enhance monoclonal antibody adhesion: insights from biomimetic surfaces	University Grenoble Alpes
49	Natalia	Cano Sampaio	Beta-Arch Mimetics as Modulators of Pathological Tau Misfolding	University of Notre Dame
50	Eugenio	de la Mora	Enzymatic radical chemistry-based synthesis of peptides with antibiotic activity	Institut de Biologie Structurale
51	Yuki	Goto	Rapid screening platform for discovering novel peptide prenyltransferases to expand the structural diversity of pseudo-natural prenylated peptides	Kyoto University
52	Anissa	Haim	Multicyclic D-Stereospecific Hydrolase Dimer with High Sustained Activity	Vrije Universiteit Amsterdam
53	Muhammad	Jbara	Probing and Modulating Transcription Factor–DNA Interactions with Chemically Modified Proteins	Tel Aviv University
54	Rintaro	Kawashima	Ribosomal Synthesis of β -Amino- α -ketoamide-containing Peptides via Posttranslational Chemical Modification	Kyoto University
55	Marie	Launay	New Therapeutic Option in Autoimmune Diseases to Prevent the Release of Soluble CD95L	CEA Paris-Saclay
56	Xin	Li	Chemoproteomic interrogation of protein-protein interactions enabled by peptide/peptidomimetic-based tools	Shenzhen Bay Laboratory
57	Scott	Lovell	Screening Approaches for the Identification of Covalent Peptide Inhibitors	University of Bath
58	Carlos	Mas-Moruno	Modulating Integrin and Growth Factor Signaling with Synthetic Peptides: a New Paradigm in Regenerative Medicine	Universitat Politècnica de Catalunya
59	Nachiket Deepak	More	Late-stage enzymatic [18F]-fluorination of CD133 binding-peptide for early diagnosis of cancer	University of St Andrews
60	Carlos	Moreno Yruela	A Nucleosome-Based Platform to Decipher Histone Deacetylase Mechanisms and Develop Modulators in High Throughput	IBEC
61	Priyaraj	Pal	Non-Equilibrium Evolution: How Fuel Structure and Waste Direct Abiotic Selection	University of Freiburg
62	Adriana	Rathner	Olfactory Inspired Peptides as Tunable Platforms for Selective Detection of Explosives	JKU Linz
63	Stefan	Schütz	Accessing microproteins with flow-based peptide synthesis: Validation of KRASIM as a KRAS interacting partner	University of Zurich
64	Juan	Toledo Marcos	A single-chain STIM1 coiled-coil mimetic binds Orai C-termini and inhibits CRAC channel activation	Medical University of Graz
65	Gerbrand	Van der Heden van Noort	SPPS synthesis of ADPribosylated Ubiquitin; tools to probe Post-Translational interplay	Leiden University Medical Center
66	Ana Salome	Veiga	SARS-CoV-2 uses a module including the N-terminal and the internal fusion peptides to promote membrane fusion	Gulbenkian Institute for Molecular Medicine
67	Pamina M.	Winkler	Small Molecules, Big Impact: Quantifying the Influence of Amino Acids on Protein Interactions	University of Vienna
68	Elena	Calzato	Development of peptides targeting PPIs in the ePSD and their characterization as modulators of biomolecular condensates	University of Copenhagen
69	Moritz	Engelke	ENGINEERING SORTASE A FOR TRANSEPTIDATION UNDER DENATURING CONDITIONS	Georg-August-Universität Göttingen
70	Jinseo	Heo	Stapled Peptide Inhibitors Targeting pre-miR-155 to Suppress miRNA Maturation	Pusan National University
71	Lara	Holburn	Towards Development of a FRET-based Citrate Biosensor	The University of Sydney
72	Milos	Jelinek	Screening of algae processing technology for easily digestible bioactive hydrolysates	Kortan. s.r.o.
73	Hyein	Jung	Development of PNA-Based Antisense Oligonucleotides Targeting XIAP mRNA for Sensitizing TRAIL-Resistant Cancer Cells	Pusan National University
74	HARSHIT	KALRA	ROLE OF METAL NANOPARTICLES AS ARTIFICIAL CHAPERONES IN MODULATING THE AGGREGATION PROPENSITY OF β -AMYLOID (A β 40) POLYPEPTIDE	NIT Rourkela
75	Hideo	Kubota	Development of PNA–Cyclic Peptide Conjugates for Improved Membrane Permeability	Nagoya University
76	Emma	Maillard	Characterizing the cell-permeability, stability and toxicity of high affinity foldamer targeting the histone chaperone ASF1	CNRS - I2BC
77	Teagan	Myerscough	A Critical Evaluation of the Sensitivity of Fluorinated Amino Acids and Their Effectiveness as Tags in 19F NMR Biochemical Assays	University Of Edinburgh
78	Cora	Neugebauer	Identification of peptide binders to the RNA binding domains of heterogeneous nuclear ribonucleoprotein A2/B1	Universität Münster
79	Venet	Nici	INVESTIGATING THE AUTO-ACTIVATION OF TYROSINASES FROM MUSHROOM AGARICUS BISPORUS (ABPP02) AND APRICOT PRUNUS ARMENIACA (PAPPO)	University Of Vienna

No.	First Name	Last Name	Paper Title	Organization
80	Soichiro	Nishio	Discovery of a Self-Cleaving Hexapeptide by mRNA Display and Analysis of Its Reaction Mechanism	Kyoto University
81	Rokas	Petrenas	Rapid Assessment of Size, Shape and Chemical Complementarity of Ligands for Protein Design	University Of Bristol
82	Gregoire Jean-Baptiste	Philippe	Towards RaPiD Screening of Cell-penetrating Peptides	The University Of Tokyo
83	Sahil	Soni	Developing Molecular Dynamics Simulation Approaches based on Polarizable Force Field for Understanding Cell Permeation of Arginine-Rich Peptides	Leibniz-Forschungsinstitut für Molekulare Pharmakologie
84	Maria	Stefanoiu	Enzymatic mechanism of the fuser radical SAM and α KG-HExxH domain ChIB	Institute of Structural Biology
85	Marin	Yokomine	Development of a Platform for the Rapid Evaluation of Prenylation Effects on the Biological Properties of Cyclic Peptides	Kyoto University
86	Vincent	Aucagne	A (poly)Pro tip for preserving native disulfide connectivity during thiol-maleimide bioconjugation of disulfide-rich peptides.	Centre for Molecular Biophysics, CNRS UPR 4301
87	Marina	Barrueco Urbistondo	Identification of highly selective covalent peptide macrocycles for proteases	University Of Bath
88	Jolien	De Neve	MOLECULAR RECOGNITION AT THE OPIOID-MODULATING NEUROPEPTIDE FF RECEPTOR 1	Vrije Universiteit Brussel
89	Marie-T.	Hopp	Structural and Functional Insights into Heme Binding to Anticoagulant Protein Z	University of Koblenz
90	Jonas	Huber	De novo Design of Carbohydrate Binding Mini-proteins	University of Heidelberg
91	Georgina	Ilieska	Random versus site-specific conjugation: impact on ADME properties of biologics with different format	CEA Paris Saclay/SimoS
92	Sumika	Inoue	Identification of Novel ComQ-type Prenyltransferases through Genome Mining and Functional Characterization	Kanagawa University
93	Ludmila	Kassihina	Evolution-Guided Discovery of Molecular Determinants Driving Peptide Ligand-Induced β -Arrestin Recruitment	Medical University of Vienna
94	Chiara	Keil	Radical Scavenging Collagen Mimetic Peptides	Heidelberg University
95	Jannik	Keyser Paulus	Redox Responsive Peptide Dimers to Stabilize and Release Therapeutic dsRNA	University of Göttingen
96	Moe	Kobayashi	ELUCIDATION OF THE CORRELATION BETWEEN SEQUENCES AND NANOSTRUCTURES OF BETA-SHEET PEPTIDES	Konan University
97	Yanmei	Li	Post-translational modifications regulate α -synuclein aggregate structure and propagation properties	Tsinghua University
98	Bastian	Mertes	PNA-Based Platform for Targeted Covalent Warhead Validation	Masaryk University
99	Kana	Nobusawa	Improvement of a split intein-based method to detect the peptide-protein interactions and selection of Keap1 and Nrf2-binding peptides	Gunma University
100	Annelie	Puhlmann	Engineering Softness: How Molecular Tweaks in Coiled-Coils Shape Hydrogel Behavior	Freie Universität Berlin
101	Yukino	Sato	Chemical Synthesis of a Miniature Luciferase picALuc and Its Application to Functional Studies	Kyoto Pharmaceutical University
102	Sae	Suzuki	Total Chemical Synthesis of Dual-Monoubiquitinated PAF15 to Reveal the Activation Mechanism of DNA Methyltransferase 1	Nagoya University
103	Aika	Takahashi	EFFECT OF MICROWAVE IRRADIATION ON AGGREGATION OF AMYLOID- β PEPTIDE	Konan University
104	Tsuyoshi	Takahashi	Detection of peptide-protein interactions using engineered split intein and filamentous phage	Gunma University
105	Sanami	Ube	Construction of the expression system of cyclic peptides conjugated with split intein in Escherichia coli using non-canonical amino acids	Gunma University
106	Koki	Yoshida	INTRACELLULAR MINERALIZATION OF MAGNETIC NANOPARTICLES USING METAL ION-BINDING PEPTIDES WITH A CELL-PENETRATING SEQUENCE	Konan University
107	Taku	Yoshiya	Supersulfide-Containing Peptides for the Efficient Preparation of Supersulfide Compound	Peptide Institute, Inc.
108	Pierre	Bena	Pepstatin A-derived Photoaffinity Probes enable Activity-Based Protein Profiling of Plant Aspartic Proteases	Leibniz Institute of Plant Biochemistry
109	Anna	Hampel	Elucidating the Impact of Site-Specific Glycation on α -Synuclein Structure and Function	University of Vienna
110	Toby	Hopkinson	Ligand-Directed Labelling of Tyrosine using Peptidomimetic SuTEx Probe	University of Birmingham
111	Rachel	Johnson	Conformational reprogramming of c-Myc via intracellular cyclisation for enhanced ligand discovery	University of Bath
112	Julia	Kaltenböck	A Ligand Selection Based System targeting Key Enzymes of Bacterial Viability and Virulence	University of Vienna
113	Anna	Mädge	Investigating the Prion Protein: Genetic Code Expansion meets Semisynthesis	University of Vienna
114	Akihiro	Saito	De novo discovery of thiazole-containing macrocyclic peptide ligands via a thioamide-guided chemoenzymatic synthesis	Kyoto University
115	Sabrina	Schmied	Semisynthesis of Site-Specifically Phosphorylated Hsp27	University of Vienna
116	Bernard	Abakah	Investigating the Synergistic Effect of Acetylation and Phosphorylation on Alpha-Synuclein Function Using Bioorthogonal Chemistry	University of Pennsylvania
117	N/A	N/A	N/A	N/A
118	Carson C.	Cole	Self-assembled Peptide Nanofibers for Dissecting Cellular Adhesion and Mechanics Across Temporal Scales	ETH Zurich
119	Andreas	Fraunhofer	Exploration of Macrocyclic Peptide Modulators of β -Arrestin Signaling	Medical University of Vienna
120	Carmen	Gallo	Novel melanogenesis-modulating peptides for dermatocosmetic applications.	University of Florence

No.	First Name	Last Name	Paper Title	Organization
121	Rajkumar	Khubiram	Development of Inhibitors Targeting Drp1–Mid51 Protein–Protein Interactions in Mitochondrial Dynamics and Their Implications in Cardiovascular Disease	Bar-Ilan University
122	Artem	Pavlov	Electronic Reprogramming of Amylin Self-Assembly via Single-Residue Aromatic Tuning	Freie Universität Berlin
123	Miriam	Preissler	Hunting for the aggregation culprits: Individual and combined effects of post-translational modifications on tau pathology	University Of Vienna
124	Matthew	Rowe	Thiol-ene Activated FRET Probes for the Detection of Cysteiny Radicals	Trinity Biomedical Sciences Institute
125	Subhrodeep	Saha	Miniprotein-Driven IgG Oligomerization For Targeting Protein-Protein Interactions	IISc
126	Kevin	Schiefelbein	Leveraging Novel Chemical Biology Tools to Study the Mechanistic Role of Histone H3 Monoamination in Neurons	Memorial Sloan Kettering Cancer Center
127	Medine	Soydan	Deciphering the effects of serine phosphorylation and lysine acetylation of HMGN1 in the nucleosome binding domain	TU Wien
128	Nithun Raj	Vakkayil	Deciphering the Role of Posttranslational Modifications on the DNA-Binding Activity of Max Transcription Factor Using Chemical Protein Synthesis	Tel Aviv University
129	Merel	Van Den Bosch	MACROCYCLIC MOLECULAR GLUES FOR THE 14-3-3/ChREBP INTERACTION: AFFINITY AND COOPERATIVITY IN AN INVERSE RELATIONSHIP	Eindhoven University of Technology
130	Claire	Wong	Miniaturised HOXB13 Mimetics as Sequence-Specific, Methyl Sensitive DNA Binders	University of Strathclyde

Theme 04: Synthesis & application of peptidomimetics

No.	First Name	Last Name	Paper Title	Organization
131	Elizabeth	Bredice	Enhancing Affinity of Peptide and Peptoid Ligands Using Boronic Acid-Catechol Reversible Dimerization	University of North Carolina at Wilmington
132	William	Lubell	Aza-peptide Assembly Using Resonant Acoustic Mixing	Université de Montreal
133	Luís	Vale	Smart amino acid-based nanovectors for RNA anti-viral therapeutics: Design, synthesis and physicochemical/biological characterization	Requimte
134	Elena Rebecca	Cotroneo	Design and Synthesis of Bicyclic Helical Peptides as β -Catenin Binders	Göttingen Universität
135	Ludovica	Dei	Synthesis of novel chiral peptoid-based metal chelators	Università di Pisa
136	GILLES	GUICHARD	DOWNSIZING THE HISTONE H3–H4 QUATERNARY STRUCTURE INTO FOLDAMER MIMETICS YIELDS HIGH-AFFINITY AND CELL-PERMEABLE LIGANDS OF ASF1	Université de Bordeaux - CNRS
137	Hitesh	Hitesh	Exo-Norbornene Scaffolded Hybrid Peptides as Cross- β Amyloid-like Architectures	Indian Institute of Technology Delhi
138	Roba	Moumné	TARGET-DIRECTED DYNAMIC COMBINATORIAL CHEMISTRY FOR THE INHIBITION OF PROTEIN-PROTEIN INTERACTIONS	Sorbonne Université
139	Chiara	Savian	Toward True $\alpha\beta$ 8 Selectivity: Cyclopeptide Ligands that Discriminate Homologous Integrins	University of Parma
140	Constantin	Stock	Targeting the β -Catenin/TCF Complex: Evolution of Peptidomimetic Inhibitors	Georg-August-Universität Göttingen
141	Kinga	Chaniewicz	Design and synthesis of novel antibacterial oligoureia foldamers	University of Warsaw
142	Cloë	Degrève	Peptide mimicry of Nanobody CDR3 for functional modulation of protein–protein interactions and therapeutic development	Vrije Universiteit Brussel (vub)
143	Justina	Reis	Pinpoint Tumour Uptake: Optimised NPY Radiotracers for Precision Breast Cancer Theranostics	University of Vienna
144	Bárbara	Sampaio	Amino acid-based amphiphiles as chemical permeation enhancers, for transdermal drug delivery: Synthesis and in vitro permeation activity	University of Porto
145	Tetyana	Semenakh	Synthesis and physicochemical evaluation of bioisosteric replacements of Glu side chains in peptidomimetics of the oncogenic Tax-1 protein	Vrije Universiteit Brussel
146	Thijs	Vynckier	Development of a G protein mimetic toolbox to conformationally lock G protein-coupled receptors (GPCRs) in the active state	Vrije Universiteit Brussel
147	Junyan	Xu	α,γ -Foldamers: New Helical Constructs for Catalysis	King's College London
148	SAMPRETE	BHATTACHARYYA	ENGINEERING ROBUST AND PHOTOSWITCHABLE β -TURNS THROUGH HYDRAZIDE INCORPORATION	Jawaharlal Nehru Centre For Advanced Scientific Research
149	Francesco	Brenzini Biagioni	Comparison of conformational propensities of peptide backbones containing 1,5- or 1,4- disubstituted [1,2,3] triazoles	University of Florence
150	Matúš	Chvojka	COLLAGEN MODEL PEPTIDES AS A PLATFORM FOR PROXIMITY-DRIVEN REACTIONS	Masaryk University
151	Marco	Francescato	Picklocks To “Unlock” All Opioid Receptors: Tuning Opioid Peptide Affinity and Activity by a New Versatile Pharmacophore	University of Bologna
152	Nassim	Maarouf	Scalable Cyclic Peptide Synthesis Featuring Copper-Catalyzed Aldehyde–Alkyne–Amine Chemistry	Université de Montréal
153	Vincenzo	Mazzarella	Expanding the Horizon of Label-Free CTC Detection: Toward a CXCR4-Targeted Plasmonic Optical Fiber Biosensor for Liquid Biopsy	University of Campania “Luigi Vanvitelli”
154	Msanif	Msanif	Structure-Guided Synthesis of Triazole-Stabilized Peptidomimetics as Inhibitors of New Delhi Metallo- β -Lactamase-1	Wroclaw University of Science and Technology
155	Dominika	Rubiak	Disruption of the Rab–GAP Interaction as an Indirect Mechanism for Activating Rab1b and Rab5	Lodz University of Technology
156	Jacob	Simms	Full-Circle Chemistry: Expanding Macrocyclic Peptidomimetics	University of Glasgow
157	Esaü	Vangeloven	Structure-Based Design Leads to uPA Loop Mimetic that Accumulates in uPAR-expressing Tumors in Mice	Vrije Universiteit Brussel

No.	First Name	Last Name	Paper Title	Organization
158	Laetitia	VARAJAO	Design, synthesis and evaluation of DNA-binding mimics of c-Fos/c-Jun transcription factor in anti-cancer therapy	Université de Bordeaux
159	Kenichi	Yamamoto	Comprehensive Analyses of Haloalkene-Containing Cyclic Peptides as Inhibitors of Amyloid-beta Aggregation	Institute of Science Tokyo

Theme 09: Bioactive peptides I (antimicrobial, antiinfective, antiparasitic, vaccines, anticancer, immunomodulation)

No.	First Name	Last Name	Paper Title	Organization
160	Tamas	Beke-Somfai	Design and evaluation of supramolecular peptide antibiotics killing bacteria by mechanical force and extensive vesicle lysis	HUN-REN Research Centre for National Sciences
161	P.L. Rachel	Ee	Precision Design and Programming Trap-and-Kill Peptide Nanonets for Novel Antimicrobial Therapy	National University of Singapore
162	Alessio	Fragasso	Trade-offs in Antimicrobial Peptide Activity: Faster Isn't Always Better	Stanford University
163	Daniel	Friedrich	NMR-based Structure-Activity Relationship Studies of Antimicrobial Peptides	University of Cologne
164	Ana	Gomes	Cosmeceutical peptide-ionic liquid conjugates and peptidomimetic analogs for topical wound treatment Cyclo-(His-Phe) Complexes with Copper and Zinc	REQUIMTE, Rede de Química e Tecnologia
165	Anna	Mitraki	Nanoparticles Have Targeted Anticancer Potential Against Osteosarcoma Cells	Forth
166	Aparna	Palakkurussi Rathessan	SAR study of antimicrobial peptide with cross-kingdom activity	Freie Universität Berlin
167	Karolina	Pulka-Ziach	Self-assembling lipooligoureas with antibacterial activity	University of Warsaw
168	Robin	Schenker	FAP-TARGETED DUAL-MODALITY LIGANDS FOR STROMA-DIRECTED PHOTODYNAMIC THERAPY IN PDAC	Radboud
169	Monika	Wojciechowska	Mining bacteriophage endolysin structures for novel membrane-active antibacterial peptides	University of Warsaw
170	Julio Cesar	Aguilar	Validated Experimental Models for the Evaluation of Novel Peptide Agonists Targeting Multiple Innate Immune Receptors.	University of Barcelona
171	Micha	Becker	SYNTHESIS OF MODULAR ANTI-INFECTIVE CONJUGATES EMPLOYING A SELF-IMMOLATIVE, PATHOGEN-RESPONSIVE PEPTIDE LINKER	Universität Wien
172	Eszter	Erdei	Development of an inhibitor of Plasminogen Activator Inhibitor-1 (PAI-1) for the Treatment of Inflammatory and Fibrotic Disorders	HUN-REN RCNS
173	Ido	Fogel	Proteasome-derived peptides as a hidden source of anticancer activity	Weizmann Institute of Science
174	Samantha	Gerlach	Anti-glioblastoma Activity of Cyclotides Isolated from Violets	Brain Chemistry Labs
175	Fanny	Guzman	Context-activated IL8-derived protide targeting Aeromonas salmonicida through MMP-9-mediated activation in salmonid immune cells	Pontificia Universidad Católica De Valparaíso
176	Thomas	Jordan	Towards high-throughput screening of protease-inhibiting post-translationally modified peptides	ETH Zürich
177	Yujin	Jung	Novel HIV-1 TAR RNA-binding peptides identified by fluorescent indicator displacement screening	Korea Research Institute of Chemical Technology
178	Rui	Kamada	PPM1D REGULATES NEUTROPHIL-DERIVED SECRETED PEPTIDES VIA CEACAM3 ALTERNATIVE SPLICING	Nagasaki University
179	Maria	Orfanoudaki	Isolation and structure elucidation of Dm-CVNH, a new cyanovirin-N homolog with activity against SARS-CoV-2 and HIV-1 from the marine aqueous library of the National Cancer Institute.	Molecular Targets Program, CCR, NCI, Frederick, MD, USA
180	Jinseo	Park	Identification of novel peptide binders targeting TPP riboswitch in E. coli	Korea Research Institute of Chemical Technology
181	Timothee	Zannis-Peyrot	Using a natural protein to design an enhanced bio-mimetic peptide inhibiting Xylella fastidiosa	Lüdwig-Maximilians Universität
182	N/A	N/A	N/A	N/A
183	Jacopo	Bucchioni	“Antibacterial Activity of Novel Oncocin-Peptoid Hybrids”	University of Bern
184	Levente	Dókus	Peptide-Daunomycin Conjugates Targeting Glioblastoma Cells	HUN-REN Research Group of Peptide Chemistry
185	Fernando	Formaggio	Synthesis and characterization of ferrocene-peptide conjugates with antimicrobial activity	University of Padova
186	Paula	Gomes	FROM FUNGAL PEPTAIBOLS TO WATER-SOLUBLE ANTIBIOTICS: NEW LONGIBRAMIDE E ANALOGUES	University of Porto
187	Xiaoling	Hu	Discovery of indolicidin derived antimicrobial peptide by diastereomeric optimization	University of Bern
188	Andreja	Jakas	Deciphering the Role of Citrulline and Cyclization in the Rational Design of Antimicrobial Peptides Derived from Equinin B	Rudjer Bošković Institute
189	Michał	Jewgiński	Peptide and peptidomimetic ligands of the KRAS protein.	Wrocław University of Science and Technology
190	Jérôme	Leprince	Characterization of Tryptoliphophyllins from the Treefrog Boana boans Expands the Structural and Functional Diversity of the Tryptophyllin Family of Peptides	National Institute of Health and Medical Research, INSERM
191	Tamara	Pajpanova	Stability and Antimicrobial Activity of Synthetic Peptides Derived from Lactoferricin B20-30	IMB - BAS
192	Armando A.	Rodríguez-Alfonso	Discovery Of An Antiviral Protease Inhibitor From Cytosorb Desorbate	Ulm University Medical Centre
193	Yiannis	Sarigiannis	ARHLFW: More than a cosmetic peptide	University of Nicosia
194	Ana	Silva-Herdade	Unravelling the Impact of Dietary Kyotorphin on Fish Resistance to Environmental Stress and Oxidative Insults	Universidade De Lisboa
195	Marta	Spodzieja	Targeting the BTLA/HVEM immune checkpoint by UL144- and SALM5-derived peptides	Uniwersytet Gdański

No.	First Name	Last Name	Paper Title	Organization
196	Dinesh Kumar	Sukumar	Development of Lysine-Branched Dendrimeric Antimicrobial Peptides Targeting ESKAPE Pathogens with Broad-Spectrum Activity, Biofilm Eradication, and Endotoxin Neutralization	Chosun University
197	Katja	Vasmatics	Investigating the structure and antibacterial activity of peptide nanotubes as a function of monomer stereochemistry	HUN-REN TTK
198	Toluwanimi	Akinleye	Discovery, isolation, and bactericidal activity of Spat1 — a novel cyclotide from <i>Spigelia anthelmia</i> (Loganiaceae)	University of Ibadan
199	Hannah	Back	Potentiating the Anti-Tumor Efficacy of Innate Immune System Engagers (ISERs) through Bispecific Immune Modulation	University of Vienna
200	Rachel	Baillif	Targeted Therapy Based on Peptide Combination Inducing Apoptosis in a Murine Model of Anaplastic Thyroid Cancer	UMONS
201	Flavia	Borrelli	Designing Self-Assembling Peptides for Antimicrobial Applications	Politecnico di Milano
202	Joao Pedro	Farias Pimentel	An N-capping asparagine-lysine-proline (NKP) motif contributes to a hybrid flexible/stable multifunctional peptide scaffold	UCDB
203	Krisztina	Kiss	New peptide-based vaccines to target melioidosis	HUN-REN Research Centre For Natural Sciences
204	Tess	Lamer	Bacterial Genome Mining for Discovery of Trojan Horse Peptide Antibiotics Against Gram-Negative Pathogens	ETH Zürich
205	Victor	Lapointe	Chemical synthesis of EGF-like domains of the MUC4 glycoprotein	CBM/CNRS
206	N/A	N/A	N/A	N/A
207	Sylwia	Nawrot	Functional and Bioinformatic Analysis of Antimicrobial Peptide Derived from Lactic Acid Bacteria	Jan Kochanowski University of Kielce
208	Martina	Rotondo	Mapping the G-Quadruplex Binding Determinants of a Vimentin-Derived Peptide by Alanine Scanning	University of Padua
209	Shima	Siaduhoni	Design, Synthesis, and Biological Evaluation of Triazolyl bridged Antiviral Peptides Against Arboviruses	Università degli Studi di Firenze
210	Gabriela	Vieira Silva Zolin	Anti-Candida activity of Histatin 5 based metallopeptides	São Paulo State University
211	Mónica	Aróstica	Rational Optimization of a Polycationic Antimicrobial Peptide Through Systematic Sequence and Structural Modulation	Pontifical Catholic University of Valparaíso (PUCV)
212	Dóra Krisztina	Balázs	New antimicrobial peptides on the horizon: comprehensive investigation of bioactive peptaibols for future practical application	University Of Szeged
213	Luisa	Beyer	Dual-Mechanism Antimicrobial Peptides from a Marine-Inspired Scaffold	Gothenburg University
214	Ida	Boccino	Synthesis and Antimicrobial Activity of Cyclic Temporin L Analogues via Non-Conventional Guanidinium-Based Functionalization	University of Naples Federico II
215	Laïs	Callo	Design and characterization of monoclonal antibody peptide mimics	Département de Chimie Moléculaire
216	Andrea	Chacón Calderón	Concentration-Dependent Mechanisms of Melittin-Induced Membrane Destabilization: An Interdisciplinary Approach	University of Aveiro
217	Wei Meng	Chen	Guiding Peptide Nanonet Formation and Antibacterial Activity via Hydrophobic Aromatic Ring Engineering	National University of Singapore
218	Ramoncito Luis	de Boda	Targeting the Oncogenic Kinase BCR-ABL using Substrate-Based Grafted Cyclotide Inhibitors	Institute for Molecular Bioscience
219	Camille	Dejoux	From viral fusion peptide to antibacterial agent : design, membranotropic and biological activities.	Cy Cergy Paris Université
220	Laura	Di Clemente	Broad-spectrum antiviral activity of Ranalexin-1G against respiratory viruses.	University of Study of Campania "Luigi Vanvitelli"
221	Brigitte	Fernández García	Rational structure-based design of potent antimicrobial peptides using artificial intelligence	Autonomous University of Barcelona
222	Giovanni	Ferrandi	Peptide-Based Stimuli-Responsive Antibacterial Hydrogels for Bone Tissue Engineering	Universitat Politècnica de Catalunya
223	Marc	Gros	A DUAL THERAPEUTIC APPROACH TO MINIMIZE POLYMXIN TOXICITY WHILE RESTORING ACTIVITY AGAINST COLISTIN-RESISTANT PATHOGENS	Universitat de Barcelona
224	Omer	Harel	Chemical Engineering of Transcription Factors Uncovered Cell-Permeable μ Max Modulators	Tel Aviv University
225	Noelia	Hernandez Correas	In vivo evaluation using <i>C. elegans</i> of the bioactive potential of synthesized dipeptides previously identified in Spanish dry-cured ham	Purdue University
226	Fiona	Kinnis	Stereochemistry vs linker: exploration of ring C analogues of antimicrobial peptide nisin	University College London
227	Vedrana	Krajnović	Zwitterionic lipid head group influence on the adsorption of peptide to the model lipid membrane	Ruder Bošković Institute
228	Lorena	Kröner	Bioactive Skin Peptides from Caudate Amphibians: Structural and Functional Insights	University Of Koblenz
229	Olubunmi	Mada	Extraction and Characterization of Natural Peptides from <i>Sambucus</i> (Elderberry) with Anti-inflammatory Activity	Medical University of Vienna
230	Flore	Miomandre	Development of new peptide-based antimicrobial agents targeting trans-translation in bacteria	Université de Rennes
231	N/A	N/A	N/A	N/A
232	Lea	Pašalić	Shortened Aurelin-Derived Peptides: The Role of Derivatization in Modulating Antimicrobial Efficacy	Ruder Boskovic Institute
233	Naiara	Pereira	Multifunctional Short Chimeric Peptides: Potential Antimicrobial Activity and Enhanced Cell Proliferation for Tissue Healing	São Paulo State University (UNESP)
234	Eduardo	Vicente	Synthesis, Characterization and Microencapsulation of the Antimicrobial Peptide Ctx(Ile21)-Ha for Necrotic Enteritis Control in Broiler Chickens	São Paulo State University (UNESP)
235	Michael	Quagliata	Targeting the SARS-CoV-2 fusion mechanism: potent peptide inhibitors of the IFP-MPER interaction	University of Florence

No.	First Name	Last Name	Paper Title	Organization
236	Paula	Quesada Martínez	From combinatorial diversity to checkpoint modulation: OBOC libraries to target the SIRPα/CD47 axis	Instituto de Parasitología y Biomedicina "López-Neyra" (IPBLN) - CSIC
237	Srijon	Sen	Targeting beta-PIX SH3 domain-mediated protein-protein interactions in breast cancer using short peptide inhibitors	Indian Institute of Technology Kharagpur
238	Mikolaj	Sleziak	Rational Design of Melittin-Derived Peptides for Enhanced Biological Activity	University of Wroclaw
239	Francesco	Tammaro	Rational design and synthesis of bioactive miPEP205-derived fragments as modulators of Wnt/β-catenin signaling in triple-negative breast cancer	University of Naples "federico II"
240	Tianmeng	Zhang	Dual-function molecules against bacterial infection	La Trobe University

Theme 11: Peptidomics & peptide analysis

No.	First Name	Last Name	Paper Title	Organization
241	David	Gomez Varela	PEPTIDE DISCOVERY AT SCALE FOR FUNCTIONAL CHARACTERIZATION OF HOLOBIONTS	University of Vienna
242	Christian	Steuer	Quantifying Peptides with Confidence: A Validated HILIC-ESI-MS/MS Strategy for Natural and Modified Amino Acids	ETH Zurich
243	Lena	von Sydow	Peptide Stability in DMSO at Room Temperature	Astrazeneca
244	Tasneem	Rass	IPET: an excellent tool for diagnostic applications for human pathologies	The Hebrew University of Jerusalem
245	Yiping	Wu	Hydrophilic-Interaction-Chromatography (HILIC) as A Go-To Alternative for Synthetic Peptide Analysis and Purification	AstraZeneca
246	Marinela	Šokarda Slavić	Bioassay-guided peptidomic characterization of antioxidant peptides generated from corn gluten meal using SSF-produced subtilisin BPN	University of Belgrade
247	Niklas	Van Den Bergh	Comprehensive Chromatographic and Mass Spectrometric Approaches for in Vitro Analysis of Site-Specific Antibody-Peptide Conjugates	Heidelberg University Hospital
248	Ugo	Pasco	ENGINEERING THE MALDI INTERFACE FOR IN SITU DETECTION OF MODIFIED PEPTIDES IN SYNOVIAL FLUID APPLIED TO OSTEOARTHRITIS DIAGNOSIS	Montpellier University

Theme 12: Peptide bioinformatics & AI/ML-based technologies in peptide science

No.	First Name	Last Name	Paper Title	Organization
249	Gokce	Geylan	AI-driven approaches for next generation peptides beyond the natural repertoire	AstraZeneca
250	Goran	Mauša	Transfer Learning for Prediction of Liquid-Liquid Phase Separation	University of Rijeka
251	Rodrigo	Ochoa	Computational approaches for analysis and design of peptides containing non-canonical amino acids	Novo Nordisk A/S
252	Elpiniki	Paspali	AI-DRIVEN GENERATIVE AND RATIONAL DESIGN OF PEPTIDE MODULATORS TARGETING GUCY2C FOR PARKINSON'S DISEASE	University of Amsterdam
253	Zhunhan	Sun	Molecular characterisation of calcitonin-type neuropeptide signalling in echinoderms	Queen Mary University of London
254	Marc	Torrent	Structure-Guided Peptide Design with AMPAFold: Enabling Reliable Antimicrobial Peptide Discovery Beyond Sequence Space	Universitat Autònoma de Barcelona
255	Tommaso	Bartoloni	INVESTIGATION OF MEMBRANE INTERACTION AND DESIGN OF ANALOGUES OF A PEPTIDE WITH ACTIVITY AGAINST HEART FAILURE	Heidelberg Institute for Theoretical Studies
256	Laureano E.	Carpio Mulas	PeptiDesCalculator 2.0: a next-generation descriptor platform for peptide informatics, sequence analysis, and QSAR modeling	MolDrug AI Systems
257	Leonardo	De Maria	Beyond natural amino acids: extending immunogenicity risk assessment to non-canonical peptide drugs through chemical feature encoding	AstraZeneca
258	Bee Ha	Gan	AI-driven peptide drug discovery enables sub-6-month identification of clinically validated binders	University of Bern
259	Izhar	Karbat	AGENTIC MOLECULAR DYNAMICS: FROM PLATFORM TO TOXIN MODE OF ACTION	Weizmann Institute
260	Bo	Li	Peptide monomers database. Harmonized source of truth for peptides analytics	Johnson & Johnson
261	Maryam	Nawaz	AN INTEGRATED AI-GUIDED PIPELINE FOR ANTIMICROBIAL PEPTIDE DISCOVERY AND OPTIMIZATION	China Pharmaceutical University
262	Andrew	Reid	The Living Library: A machine learning-assisted peptidomimetic hit discovery platform	University of Glasgow
263	Shimanto	Roy	DECODING PENTAPEPTIDE SELF-ASSEMBLY USING MOLECULAR DYNAMICS: FROM AGGREGATION TO ARCHITECTURE	University of Virginia
264	Denis	Ibiši	Active Learning-Driven Surrogate Modeling for the Generative Discovery of Self-Assembling Peptides	University of Rijeka
265	Marlene	Maager	From Code to Chemistry: De Novo Design of an FMN-Binding Scaffold Using Computational Tools	Heidelberg University
266	Ximena Carolina	Pulido	Peptides involved in interaction with heavy metals for environmental remediation, an in silico approach.	Universidad del Tolima
267	Milica	Injac	Adaptive Evolutionary Optimization for the Discovery of Self-Assembling Peptides	Faculty of Technical Sciences
268	Michele	Casoria	MACHINE LEARNING-DRIVEN PREDICTION OF CIRCULAR DICHROISM SPECTRA FOR PEPTIDES THROUGH MULTI-SCALE STRUCTURAL DESCRIPTORS	University of Florence
269	Alexis	Dougha	Inverse folding improves structure prediction for confidence-aware peptide deorphanization	Paris Cité University
270	Sebastian Johannes Eder		Can we Confidentially Sequence the "Peptide Dark Matter"? Reaching a Consensus for De Novo Peptide Sequencing	University of Vienna
271	Niklas	Halbwedl	Designing Cyclic Peptides to Stabilize/Induce Protein-Protein Interactions	Technical University of Munich
272	Julius	Hermes	Ant Neuropeptide-Receptor Systems as a Comparative Resource for Human GPCR Pharmacology	Medical University of Vienna

No.	First Name	Last Name	Paper Title	Organization
273	Rumsha	Khan	COMPUTATIONAL ANALYSIS OF PEPTIDE GPCR SIGNALING IN INFLAMMATORY BOWEL SYNDROME	Medical University of Vienna
274	Marin	Matic	AI-driven discovery of cross-kingdom peptide ligands	University of Copenhagen