



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



EuChemS kvcv

Monday 13th July 2026
 Congress theme:
 Molecular Design & Reactivity
 Conference room:
 Marble Hall

Session	Timing	Presenter	Title
MDR - D1 - O01	10:00-10:15	Stanislav Petrovskii	Thiophene functionalized hexavanadate hybrids: modular synthesis and studies of their adsorption on Au(111) surfaces and gold nanoparticles
MDR - D1 - O02	10:15-10:30	Kilian Declerck	Ligand Exchange in Zr/Hf-Oxo Clusters: Mechanistic Insights and Implications for Catalysis
MDR - D1 - O03	10:30-10:45	Aleksandra Masulovic	Charged pathways in bent-core design: Pyridine scaffolds for next-generation soft materials
MDR - D1 - O04	10:45-11:00	Paula Novella-Rodríguez	Structure-dependent Antimicrobial Activity of Polyoxometalate-Polypeptide Hybrid Materials
MDR - D1 - O05	11:00-11:15	Cuilian Liu	Polyoxometalate-based Metal-Organic Assemblies Towards Supramolecular Catalysis and Functional Materials
MDR - D1 - O06	11:15-11:30	Pierre Picchetti	Designing Nature-Inspired Multifunctional Nanomaterials through Silsesquioxane Chemistry
MDR - D1 - O07	11:30-11:45	Luisa do Vale	Stimuli-responsive amino acid-based surfactants as nanovectors for biomedical applications
MDR - D1 - O08	11:45-12:00	Paula Mayorga Burrezo	From Molecular Radicals to Water-Compatible Organic Nanoparticles: Unlocking Enhanced (Chiro)Optical Properties of Halogenated Trityl Derivatives for Biomedical Applications

Session	Timing	Presenter	Title
POSTER FLASH	12:00		
MDR - D1 - F01		Martin Gill	Green(er) synthesis of MLCT-emissive ruthenium(II) polypyridyl complexes
MDR - D1 - F02		Luiz Carlos Silva-Filho	Anthrazoline derivatives as photoinitiators for photopolymerization reactions: studies about the synthesis and application.
MDR - D1 - F03		Tristan Mairath	Design of chiral ligands based on the reaction of α -functionalized lithium alkyls with iminium salts
MDR - D1 - F04		Alvaro Lopez-Acosta	Precise Control on Out-of-Equilibrium Supramolecular Self-Assembly in Fibre Formation and Hydrogels
MDR - D1 - F05		Miriam Gulman	Molecular design of peptidic ligands for cortactin-SH3
MDR - D1 - F06		Oleksandr Liashuk	Synthesis and application of alkylstannatranes: Versatile precursors for C(sp ³)-C(sp ²) cross-coupling
MDR - D1 - F07		Mina Bathen	Synthesis of n-3 Polyunsaturated Docosahexaenoic Acid-Like Methoxylated Ether Lipid
MDR - D1 - F08		Paula Miquel Fosco	cis, fac-[Ru(bpq)2]2+ derivatives for the switch on phosphorescent for the detection of I-Motif DNA

Lunch

Session	Timing	Presenter	Title
MDR - D1 - I01	14:00-14:30	Eva Rentschler	Chiral Metallocrown Complexes
MDR - D1 - O09	14:30-14:45	Brecht Koek	Moiré superlattices from bilayers of synthetic 2D polymers: on-surface synthesis and defects
MDR - D1 - O10	14:45-15:00	Cataldo Valentini	Tailored 2D covalent organic frameworks with ambipolar repeating units as cathode material for aluminum energy storage device
MDR - D1 - O11	15:00-15:15	Louis Van Nyvel	Effect of size, charge, and spin state on Hückel and Baird aromaticity in [N]annulenes
MDR - D1 - O12	15:15-15-30	Dennis Svatoněk	Reactivity Models for Tetrazine-Based Bioorthogonal Reactions
MDR - D1 - O13	15:30-15:45	Felix Plasser	Molecular design beyond the frontier molecular orbital picture
MDR - D1 - O14	15:45-16:00	Christoph Plett	SURFF: A New Simple, Universal and Robust Force Field for Large-Scale Molecular Modeling in ORCA

Coffee break

Session	Timing	Presenter	Title
MDR - D1 - O15	16:30-16:45	Maria Voccia	A Plausible Model for Tightly Bound Single Metal Atoms on Carbon Nitride for Computational Studies on Single Atom Catalysis
MDR - D1 - O16	16:45-17:00		Turning Oxetanes into Predictable Building Blocks through Reactivity and PhysChem Mapping
ii Previous version	16:45-17:00	Matthias Stein	Simulating proteins with disulfide bonds under reducing conditions
ii Previous version	17:00-17:15	Jiacheng Li	ASYMMETRIC SYNTHESIS OF STEREOGENIC-AT-SULFUR COMPOUNDS VIA BIOCATALYTIC OXIDATION WITH UNSPECIFIC PEROXYGENASES
MDR - D1 - O18	17:15-17:30	Dr. Charlie McTernan	Direct Active Template Synthesis of Cyclic Peptide Catenanes
MDR - D1 - O19	17:30-17:45	Dr. Joachim Demaerel	Fluorothiazynes as SuFEx Amphiphiles: Interconversion to Aminosulfurdiimidoyl Fluorides
MDR - D1 - O20	17:45-18:00	Prof. Michael Meanwell	Synthetic Strategies for Building and Editing Nucleoside Analogues

Posters

Session	Timing	Presenter	Title
MDR - D1 - P01		Rinaldo Poli	How do acrylate radicals terminate? New evidence to settle a never-ending debate
MDR - D1 - P02		Josefine Brindöpke	Verification, Falsification and Revision of the Constitution and Configuration of Daucene Sesquiterpenoids Based on Total Synthesis and X-ray Crystallography
MDR - D1 - P03		Ding-Yah Yang	Synthesis of quinoline and pyranocoumarin/chromane-fused Heterocycles and their potential functional properties
MDR - D1 - P04		Francisco Garcia Cirujano	Green ionic metal-organic frameworks as nanocatalysts for CO ₂ fixation
MDR - D1 - P05		Mara Schöler	Why can we deprotonate methylsiloxanes with the combination of t-BuLi and TMEDA?
MDR - D1 - P06		Guillermo Gallardo Vásquez	Synthesis and Characterization of The Silver (I) Tranexamate Complex With Potential Antibacterial Activity
MDR - D1 - P07		Arthit Makarasen	2,4-Disubstituted 1,6- and 1,7-Naphthyridines as Potent HIV-1 Reverse Transcriptase Inhibitors with Dual Antiviral and Anticancer Potential
MDR - D1 - P08		Felix Friedt	Development of synthetic methods for terpyridine-based solid molecular catalysts
MDR - D1 - P09		Mariachiara Trapani	A supramolecular approach for the synthesis of cyclodextrins- gold nanoparticles hybrid nanoassembly as delivery system of 5-fluorouracil/heme oxygenase 1 (5-FU/HO-1) inhibitor hybrids
MDR - D1 - P10		Rita Skoda-Földes	Coordination chemistry of a ferrocenyl terpyridine-like ligand: electrochemical sensing of metal ions
MDR - D1 - P11		Oleksandr Liashuk	Synthesis and physicochemical assessment of cis-RF substituted cyclobutane derivatives
MDR - D1 - P12		Yong Rok Lee	Rh(III)-Catalyzed [3+2] Annulation via C(sp ²)-H Activation for the Synthesis of Pyrimidinyl-Embedded Pyrrolo[3,4-b]indoleiones
MDR - D1 - P13		Tomasz Pospieszny	Steroid-pyrimidine hybrids containing 1,2,3-triazole rings as a source of potential bioactive compounds
MDR - D1 - P14		Tomasz Pospieszny	Application of „click” chemistry in the preparation of steroid bioconjugates with therapeutic potential
MDR - D1 - P15		Lina Filla	OLED Material by Late-stage Functionalization of Hexa-peri-benzocoronene-fluoranthene Hybrid Directed by Dynamic Inversion of Helicity

MDR - D1 - P16	Yuming Chen	Enhancing organic electrochemical transistor performance through synthesis of polythiophene with carbonyl ester-bridge ethylene glycol side chains and investigating extended conjugation effects
MDR - D1 - P17	Anamaria Hanganu	Synthesis and hosting ability of dynamic N-acylhydrazone-based macrocycles
MDR - D1 - P18	George Costache	Multistate photoswitches containing arylazopyrazole and N-acylhydrazones units
MDR - D1 - P19	Giulia Marcolli	Innovative hydrophilic ligands for the selective recovery of Am(III) from spent nuclear fuel
MDR - D1 - P20	Martin Blavier	Single-Molecule Force Spectroscopy of a Trefoil Knot Gated by a Diels-Alder Mechanophore
MDR - D1 - P21	Clara Schmitt	A Diastereoselective Synthesis of small $\alpha\alpha$ Calix[4]pyrrole Building Blocks
MDR - D1 - P22	Janos Wasternack	A Scalable and Resource-Saving Synthesis of Dipyrromethanes and Tetrapyrroles - Minimal Polymer Formation and Facile Purification
MDR - D1 - P23	Joseph Wallen	Stereoselective synthesis of 9,10 and 12,13 EpOME's
MDR - D1 - P24	Sourav Kumar	Synthesis of Diverse Allylic Sulfone Derivatives via Sequential Hydroxylation of 1,3-Enynes
MDR - D1 - P25	Oleksandr Grygorenko	Bicyclic 1,4-Dioxepanes - Novel Advanced Building Blocks for Drug Discovery
MDR - D1 - P26	Oleksandr Grygorenko	Stability of Heteroaromatic Sulfonyl Chlorides and Fluorides
MDR - D1 - P27	Leticia D. Costa	Novel 2-pyridyl functionalized thiazolo[5,4-c]isoquinolines as selective chemosensors for metal cations



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Tuesday 14th July 2026
Congress theme:
Molecular Design & Reactivity

Conference room:
Marble Hall

Session	Timing	Presenter	Title
MDR - D2 - O01	10:00-10:15	Ashwini Mishra	Waste reduction and utilisation in alkyl halide synthesis: Development of "low waste" catalytic synthetic methodology
MDR - D2 - O02	10:15-10:30	Frank de Kleijne	Anchimeric assistance of acyl neighboring groups as stereodirecting strategy in synthesis: What can we learn from glycoscience?
MDR - D2 - O03	10:30-10:45	Panagiotis Kalomenopoulos	Enantioselective synthesis of α -aryl propionyls via a cobalt-catalysed cationic semipinacol rearrangement
MDR - D2 - O04	10:45-11:00	Kaan Karaca	Sustainable N-Arylation of Imidazoles Enabled by Copper Single-Atom Catalysts
MDR - D2 - O05	11:00-11:15	Cristiana Margarita	Electrochemical desulfurative borylation of thiols, disulfides, thioethers and thioacetals
MDR - D2 - O06	11:15-11:30	Ching-Wen Chiu	Catalytic Applications of Di-Substituted Boron and Aluminum Cations
MDR - D2 - O07	11:30-11:45	Maurizio Benaglia	Telescoped synthesis of chiral APIs: in flow electrochemical and photoredox catalytic reactions
MDR - D2 - O08	11:45-12:00	Serhiy Ryabukhin	Serendipity Results as a Driving Force for Novel Reaction Development

POSTER FLASH 12:00

MDR - D2 - F01		Giulia Marcolli	Synthesis of bispidine-based fluorinated chemosensors for selective analytes recognition
MDR - D2 - F02		Shilpa Palit	Highly-Efficient Thioether Synthesis via C-S Coupling with a Copper Single-Atom Catalyst
MDR - D2 - F03		Paul Sergent	Toward greener synthetic routes for controlling titanium reactivity in solution
MDR - D2 - F04		Navathej Preetha Genesh	The Two-Dimensional Locksmith: Ligand-Driven Structural Changes in Self-Assembled Supramolecular Networks of Bisporphyrin Cages at the Solid-Liquid Interface
MDR - D2 - F05		Vincent Nilsson	Boracycle-mediated aromatic C-H ortho-methylation using methanol as a methylating reagent
MDR - D2 - F06		Yihan Yu	Biomimetic Synthesis Towards (\pm)-Hypeisoxazole A Under Biogenic Conditions
MDR - D2 - F07		Bárbara Sampaio	Innovative scaffolds based on 4-hydroxyproline as chemical permeation enhancers, for transdermal drug delivery
MDR - D2 - F08		Maryam Butt	Synthesis of Fluorinated Partially Saturated Bicyclic Drug Scaffolds

Lunch

MDR - D2 - I01	14:00-14:30	Sebastian Riedl	From Laboratory Curiosities to Industrial Applications: the World of Halogens
MDR - D2 - O09	14:30-14:45	Dr. Olexandr Pashenko	Sustainable Cubane Supply Unlocks Cuneanes as Common Tools for Medicinal Chemistry
MDR - D2 - O10	14:45-15:00	Dr. Dmytro Leha	Turning a Bottleneck into a Tool: Rawal's Diene Case
MDR - D2 - O11	15:00-15:15	Mr. Paul Nolan	Highly Stereoselective Synthesis of Bioisosteric Fluorinated 3-azabicyclo[3.1.0]hexane Scaffolds via Asymmetric Cu Catalysed (3+2) Cycloadditions
MDR - D2 - O12	15:15-15:30	Mr. Khaleel Zareen	Expanding Drug-Relevant Chemical Space Through Pt-Au Bimetallic Catalysis
MDR - D2 - O13	15:30-15:45	Prof. Fabio Bellina	Metal-free direct C-H arylation of imidazoles enabled by in situ diazotization in water
MDR - D2 - O14	15:45-16:00	Mrs. Agathe Fayolle	Diastereoselective Access to α -Hydroxy-Lactams Through Carbene-Carbonyl Cyclization

Coffee break

MDR - D2 - O15	16:30-16:45	PhD student Laura Thirion	Rh(III)-Catalyzed Room-Temperature Heterobiaryl Synthesis: Elucidating the Complementary Roles of Cp-Ligand Design and Ag(I) Salts
MDR - D2 - O16	16:45-17:00	Dr. Maria Koyioni	Synthesis of canthin-4-ones and related molecules
MDR - D2 - O17	17:00-17:15	Prof. Henrik Sundén	Selective Boron-Based Ortho-Directed Functionalization Strategies of Aromatic Substances
MDR - D2 - O18	17:15-17:30	Many Hemati	Enantioselective Radical Synthesis of β -Lactams via Co(II)-Based Metalloradical Catalysis Enabled by Ligand Innovation
MDR - D2 - O19	17:30-17:45	Gibrael Fadel	A Metal-Free Iminium-Driven Synthesis of Amines from Alkenes
MDR - D2 - O20	17:45-18:00	Dr. Jake Greenfield	Using Photoswitchable Imines to Drive (dark)Transimination Reactions Uphill

Posters

MDR - D2 - P01		Safiyah Ghumran	Isoniazid-rhodanine molecular hybrids: design, synthesis, antimycobacterial activity and computational validation
MDR - D2 - P02		Lee Ching	Development of Continuous Flow Photocatalytic Decarboxylative Cross-Coupling Reactions of Bargellini Acids
MDR - D2 - P03		Dylan Mangru	Exploiting Flow Technology for the Sustainable Synthesis of Industrially Relevant Building Blocks.
MDR - D2 - P04		Mymoena Davids	Sustainable Mechanochemical Routes to Benzothiazole Based Synthetic Intermediates
MDR - D2 - P05		Blessing Taimi	Comparing Oxime Ligation and Native Chemical Ligation for Autocatalytic Peptide Amphiphile Formation

MDR - D2 - P06	Yi-Chou Tsai	Extending [2+2+2] and [2+2+1] Cyclizations to Mo–Mo and W–W Multiply Bonded Complexes
MDR - D2 - P07	Zhaozheng Yang	Expression, Selection, and Control in Dynamic Covalent Libraries of Macrocycles and Cages
MDR - D2 - P08	Tilman Köhler	[2.2]-to-[3.2] Skeletal editing of the paracyclophane core via controlled phenonium ion formation
MDR - D2 - P09	Elżbieta Wojaczyńska	Synthesis of Amino-Functionalized Ferrioxamine E Biomimetics - Toward Modular Trihydroxamate Macrocycles for Late-Stage Diversification
MDR - D2 - P10	Mohammad Usman	Catalytic ammonia oxidation mediated by high-spin Fe(III) complex: combined experimental and DFT study
MDR - D2 - P11	Bozidar Radusin	Visible-Light-Responsive Polyoxometalates as Artificial Photoproteases for Catalytic Protein Backbone Cleavage
MDR - D2 - P12	Gertrude Eleonore Djjobie Tchienou	Optimization of Chemical Transesterification of Methyl Stearate with Sucrose using Response Surface Methodology
MDR - D2 - P13	Xinyu Mu	Ketazine-linked covalent organic frameworks: a new linkage platform for crystalline π -conjugated porous materials
MDR - D2 - P14	Javed Pathan	Topochemical Polymerization as a Pathway to Structurally Precise 2D organic Polymers
MDR - D2 - P15	Silje Iren Strøm	Fluorine-Free Nitrene Insertion for Covalent Functionalization of Cross-Country Skis
MDR - D2 - P16	Diana-Ioana Eftemie	New heterometallic 4f-4f' complexes – an original synthetic approach
MDR - D2 - P17	Daniel Griess	Functionalized Hydrosilanes: Pathways to Silicon-Based Semiconductors
MDR - D2 - P18	Robert Botea	Lanthanide and transition metal complexes derived from polydentate Schiff bases
MDR - D2 - P19	Valentin-Laurențiu Virgil	Design of optically-active coordination compounds using various ligands showing different types of chirality
MDR - D2 - P20	Daniela Silva Dos Santos	Redirecting a synthetic dead-end to an antimalarial compound with enhanced activity
MDR - D2 - P21	Lukas Dvorak	Design of hetero-functionalized triarylamine-based scaffolds as open-shell electrophotocatalysts
MDR - D2 - P22	Ana R. Reis	Metal-Catalysed Assembly of N-heterocycles via [2+2+2] Cyclisation
MDR - D2 - P23	Olexandr Pashenko	Preparative-Scale Synthesis of Heteroatom-Doped Adamantanes and Their MedChem Evaluation
MDR - D2 - P24	Hyungwoo Kim	End-Group Positioning Enables Selective Demicellization in Self-Immolative Poly(benzyl ether) Micelles
MDR - D2 - P25	Mees Hendrikk	Studies towards applying a palladium-catalysed arylation-acylation domino reaction for a new total synthesis of kinamycin F
MDR - D2 - P26	Mihai Răducă	Nitronyl nitroxide di- and triradical ligands obtained via Schiff condensation and their complexes
MDR - D2 - P27	Ștefan Dimitriu	Synthesis and magnetic properties of a family of dinuclear lanthanide complexes derived from 2-(phthalimidomethyl)-nitronyl-nitroxide



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Wednesday 15th July 2026

Congress theme:
Molecular Design & ReactivityConference room:
Marble Hall

Session	Timing	Presenter	Title
MDR - D3 - O01	10:00-10:15	Jack Wright	Synthesis and application of large, water-soluble [FeL4L6] tetrahedra
MDR - D3 - O02	10:15-10:30	Florian Mulks	Stabilising Divalent Carbocations Through Donor-Coordination
MDR - D3 - O03	10:30-10:45	Mengmeng Wang	Effect of Aromatic Substitution on Spin Crossover in [Fe(H2Bpz2)2(bipy-R)] Iron(II) Complexes
MDR - D3 - O04	10:45-11:00	Richard Rößl-Ohlenroth	Functionality Fine-Tuning in 1,2,3-Triazole-Based Coordination Frameworks
MDR - D3 - O05	11:00-11:15	Andrea Biffis	Enhancing diversity in organometallic, atomically precise gold clusters
MDR - D3 - O06	11:15-11:30	Max Bols	Empowering Cheap Transition Metals for Catalysis by Tuneable Coordination in Zeolites
MDR - D3 - O07	11:30-11:45	Valérie Marvaud	Magnetic dendrimers: tackling the challenge of synthesis and characterization
MDR - D3 - O08	11:45-12:00	Hsueh-Ju Liu	Reactivity studies of a main-group lead hydride and a bimetallic di-iron dihydride complex

POSTER FLASH 12:00

MDR - D3 - F01		Dmytro Volochnyuk	Needs Determine the Way: the Place of SF4 in Modern Synthetic Chemistry
MDR - D3 - F02		Silvia Cammarone Bruno Botta	Rational design and synthesis of anthraquinone-based SMO inhibitors for the treatment of hedgehog-dependent tumors
MDR - D3 - F03		Maria Kosaka	Mechanism elucidation of paddle-wheel di-Ru complex catalyzed amination reaction via multireference theory
MDR - D3 - F04		Thomas Rigotti	Enantioselective catalytic strategies for the synthesis of bicyclo[2.1.1]hexanes as phenyl bioisosteres
MDR - D3 - F05		Imola Sziqyarto	The Fine-tuning Effect of Heterochiral β 3-sequences on Structural Motif Associations
MDR - D3 - F06		Hunhee Han	Ionic-Group Densification of Perfluorinated High-Oxygen-Permeability Ionomers
MDR - D3 - F07		Priyanka Rani Panda	Strapped Calix[4]pyrroles for the Transmembrane Transport of Anions

Lunch

MDR - D3 - I01	14:00-14:30	Narcis Avarvari	Chirality related properties in molecular materials
MDR - D3 - O09	14:30-14:45	Steven Nolan	The [M(NHC)Cbz] Architecture (M = Au and Cu; Cbz = carbazoyl): Advances in EnT photocatalysis
MDR - D3 - O10	14:45-15:00	Mélaïne Wang	Design of Isoindole-based N-Heterocyclic Ligands for Bioactive Bimetallic Complexes
MDR - D3 - O11	15:00-15:15	Kobe Peeters	Enantioselective interactions on chiral nanopatterned surfaces
MDR - D3 - O12	15:15-15:30	Alessio Nicolini	Chiral Metal-Organic Frameworks (MOFs) enhance Oxygen Evolution Reaction through CISS effect
MDR - D3 - O13	15:30-15:45	Paul Erik Schneider	Selective 1'-lithiation of planar-chiral ferrocenes enabled by switchable coordination: the effect of a methoxy-silyl group
MDR - D3 - O14	15:45-16:00	Sven Lempereur	Excited-State Dynamics of Iridium(III) Photosensitizers Bearing pH Sensitive Strong Electron Donating Bipyridine Ligand Functionalized with N-Heterocyclic Imine and Olefin

Coffee break

MDR - D3 - O15	16:30-16:45	Davide Blasi	Polyhalogenated Thiele hydrocarbons as promising stimuli-responsive molecular materials
MDR - D3 - O15	16:45-17:00	Augustin Madalan	Luminescent complexes with imino/amino podands containing extended pi systems
MDR - D3 - O16	17:00-17:15	Jye-Shane Yang	Thermo-/Photo-responsive fluorescence and mechanical properties of dynamic organic crystals
MDR - D3 - O17	17:15-17:30	Andrea Fermi	Luminescent polysulfurated benzenes: a versatile platform for RTP and TADF materials
MDR - D3 - O18	17:30-17:45	Isaac Fuentes	FROG Dyes: A New Class of Anionic Near Infrared Fluorophores
MDR - D3 - O19	17:45-18:00	Maria Vittoria Balli	Electrochemiluminescence of a unimolecular ruthenium(II)-labelled cucurbit[7]uril: From mechanistic insights to applications

Posters

MDR - D3 - P01		Cristian Andrei Spinu	Nitronyl nitroxide stable radicals derived from nitro-o-vanillin and bisphenol A as ligands towards 3d and 4f metal ions
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MDR - D3 - P02	Pia Gartlgruber	Synthesis of steroidal and non-steroidal phase I and II metabolites relevant for Doping Analysis
MDR - D3 - P03	Daniel Corcorran	Interrupted thermal rearrangement to access cyclobutanones via photochemistry and continuous flow chemistry
MDR - D3 - P04	Nikola Savic	Novel 4,5-Diphenyl-1,2,3-Triazole-based Kuratowski Complexes with Chiral Active Sites
MDR - D3 - P05	Nick Kocem	Regio- and Stereoselective Formation of 1,3-Diols
MDR - D3 - P06	Martin Hutereau	Identifying promising low-fluorine weakly coordinating anions for lithium-ion batteries via high-throughput screening
MDR - D3 - P07	Catalina Oroyos Orozco	In Silico Studies and Synthesis of Amino Acid-Derived N,N-Dialkylurea and Thiourea Compounds with Potential Antiretroviral Activity against HIV
MDR - D3 - P08	Karim Ullah	Perfluorooxosulfate Salts as SOF ₄ -Gas-Free Precursors to Multidimensional SuFEx Electrophiles
MDR - D3 - P09	Luiz Carlos Silva-Filho	Expanding Visible-Light Photopolymerization: Azapentalene Derivatives for Methacrylate and Biobased Acrylic Systems
MDR - D3 - P10	Annika Plato	Stereoconvergent approach to the enantioselective construction of α -quaternary alcohols by radical epoxide allylation
MDR - D3 - P11	Manish Rana	Design and synthesis of N-formyl/carbothioamide based pyrazoline analogs using Pd(PPh ₃) ₄ catalyst: Cytotoxicity, apoptosis, and molecular dynamics studie
MDR - D3 - P12	Andrea Di Pede	Triplex DNA clamp regulates Cas12a activation for ssDNA and RNA sensing
MDR - D3 - P13	Maria Voccia	A First Principle Study of a Model Bimolecular Nucleophilic Substitution Reaction Promoted by Catalysts Supported on Oxidized Carbon Black
MDR - D3 - P14	Niels Michaelis	Investigation of a low-valent molybdenum complex towards reductive N ₂ -activation
MDR - D3 - P15	Simona Amoroso	Design and Synthesis of Photo-responsive Amphiphiles as Tools for Controlling Membrane Permeability
MDR - D3 - P16	Anna-Marlene Vogt	Investigation of mononuclear molybdenum and tungsten complexes with pentaphosphine environment for activation of dinitrogen and catalytic ammonia synthesis
MDR - D3 - P17	Aleksandar Pashev	Angular substituted dibenzo[a,g]quinolizidines – synthesis and DPP-IV inhibitory activity
MDR - D3 - P18	Teodora Aleksandrova	Novel heterocyclic derivatives based on the [1,4]thiazino[3,4-a]isoquinoline ring system – molecular design, synthesis and DPP-IV inhibitory activity
MDR - D3 - P19	Hye-Won Kim	Synthesis and characterization of photo-responsive linkers and metal-organic nanocarriers for sustained drug release
MDR - D3 - P20	Abdelhaq Cherradi	Naphthalene diimide-based electron transport layer for perovskite solar cells
MDR - D3 - P21	Julian Andres Enciso Vargas	Phosphine CN-Palladacycles Catalyzed Regioselective Alkoxy-carbonylation of Styrenes
MDR - D3 - P22	Omolara Adeboye	Molecular Docking and Pharmacological Evaluation of Syzygium cordatum as a Potential Therapeutic Agent for Asthma
MDR - D3 - P23	André Stephan Culum	Water-Soluble Acylgermanes via a Germa-Michael Reaction: A Modular Route toward Bio-Compatible Photoinitiators
MDR - D3 - P24	Merve Ercan Ayra	The effect of PEG localization and charge density on transfection ability of artificial gene delivery vectors
MDR - D3 - P25	Charlie Kenny	Surface functionalisation with arylimido-polyoxometalates for optoelectronic applications
MDR - D3 - P26	Jaqueline Senra	Exploratory studies on the mechanosynthesis of the copper(II) cyclodextrin complex



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Thursday 16th July 2026
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Molecular Design & Reactivity
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Session	Timing	Presenter	Title
MDR - D4 - O01	10:00-10:15	Shouryo Ghose	Effect of the directionality of the external force on the rupture of mechanophores
MDR - D4 - O02	10:15-10:30	Ferran Esteve	Write and Erase: Macrocyclic Effectors Regulate Imine Expression in Water
MDR - D4 - O03	10:30-10:45	Fidan Rahmatova	A novel prebiotic pathway for lipid acylation
MDR - D4 - O04	10:45-11:00	Massimiliano Cordaro	Synthesis of Amphiphilic Pyrene-BODIPY Sulfonates with Self-Assembling Properties
MDR - D4 - O05	11:00-11:15	Siebe Lekanne Deprez	Effect of Chalcogen Atom Size on Hydrogen Bond Strength in Chalcoamide-based Linear Polymers
MDR - D4 - O06	11:15-11:30	Jie Zhang	Design of Controllable Two-Dimensional Heterojunction Structures on Surfaces - Starting from Moiré Self-Assembled Molecular Networks
MDR - D4 - O07	11:30-11:45	Javed Pathan	Nanotube-Induced Organic Frameworks (NIOFs) via a topochemical reactions
MDR - D4 - O08	11:45-12:00	Angie Johana Bolaños Burbano	Artificial Phototactic Microswimmers for Precise Light-Guided Navigation

Lunch

MDR - D4 - I01	14:00-14:30	Xiao Feng Wu	Carbonylative transformation of light alkanes
MDR - D4 - O09	14:30-14:45	Karolis Norvaisa	Development of Synthetic Transmembrane Transporters for Phosphates
MDR - D4 - O10	14:45-15:00	Irene Regeni	Ru(II)-peptide conjugates for photoactivated chemotherapy
MDR - D4 - O11	15:00-15:15	Corentin Pochet	Second-coordination sphere of pyrazoles metal complexes: from anion recognition to bimetallic assemblies
MDR - D4 - O12	15:15-15:30	Jakub Ossowski	Selective release and rewriting of information stored in bio-hybrid digital polymers by DNA strand displacement

Posters

MDR - D4 - P01	Yong Rok Kwon	Molecular design of acrylic polymers for controlling the damping behavior of epoxy composites
MDR - D4 - P02	Ben Clarke	The Design & Synthesis of Fluorescent Self-Assembled Monolayers for Optical Applications
MDR - D4 - P03	Arne Hendrickx	Synthesis and Evaluation of Boronate Precursors for Stable Astatine Radiopharmaceuticals.
MDR - D4 - P04	Ankit Ankit	Rational Design and Antimycobacterial Evaluation of Aryl Sulfonamide-Linked Isoniazid Hydrazones Against Mycobacterium Tuberculosis
MDR - D4 - P05	Hae Chan Kim	Ring-Opening Polymerization of δ -Tetradecalactone for Oil-Soluble Poly(ester) Lubricant Additives with Tunable Molecular Weight
MDR - D4 - P06	Sue Been Lee	Epoxy-terminated Polyurethanes as Effective Toughening Agents for Epoxy Molding Compounds
MDR - D4 - P07	Sun Ho Seok	Toughening Effect of Core-shell Impact Modifiers on Epoxy Resin Maintaining Thermal Stability
MDR - D4 - P08	Yuki Kurashige	Theoretical Design Principles for Spin-Selective Relaxation in Photoexcited Metal Complexes
MDR - D4 - P09	Min Jin Seong	Improving the Toughness of Electronic Adhesives through Epoxy-Acrylic Hybridization
MDR - D4 - P10	Vishakha Goyal	General and selective ruthenium-catalyzed hydrogenation of primary amides to primary amines under mild conditions

MDR - D4 - P11	Maxime Poulain	Chiral π -extended diketopyrrolopyrrole through alkyne annulation
MDR - D4 - P12	Sean Betteridge	Structure Activity Relationship Directed Development of an Internal standard for an Electrochemical Fentanyl
MDR - D4 - P13	Ayşe Zeyneb Erten	Monomer structure and feed protocol effects on microstructure and processing of resorcinol based polyarylates
MDR - D4 - P14	Bert U.W. Maes	A Mechanochemical Kolbe-Schmitt reaction: Catechol Carboxylation Provides Building Blocks for Renewable Plasticizers
MDR - D4 - P15	Roeve Ann Mae Caneos	Novel Nucleoside Isolated from the Philippine Marine Sponge Desmacella sp.
MDR - D4 - P16	Devendra Yadav	Two Electrons in a Li-S Cage: A Novel Lithium Cubic Electride - [(tBu ₂ MeSiS) ₆ Li ₈] ²⁺ 2e ⁻
MDR - D4 - P17	Andreas Orthaber	Introducing heavier main group motifs into molecular Switches
MDR - D4 - P18	Yu Yihan	Biomimetic Synthesis Towards (±)-Hyposoxazole A Under Biogenic Conditions
MDR - D4 - P19	Zareen Khaleel	Expanding Drug-Relevant Chemical Space Through Pt-Au Bimetallic Catalysis
MDR - D4 - P20	Georgiades Savvas	Malonic-Type Macrocyclic Esters from Catechol-Derived Propargyl Diols: Effect of Catechol Substituents on
MDR - D4 - P21	Chojnacka Anna	Heck Coupling of 10,10'-Dibromo-9,9'-bianthracene with
MDR - D4 - P22	Lavoie Gino	Polymerizations Using Transition Metal Complexes of Monoanionic Bidentate Guanidine-Ethenolate, Phenolate, and Benzene Sulfonate Ligands
MDR - D4 - P23	Godinho Patricia	Photoinduced Radical Cascade for the Synthesis of Enantiopure 2-Benzofuranyl C-Glycosides
MDR - D4 - P24	Kim Eunae	Synthesis of Mevalonate Derivatives via LiNTf ₂ catalyzed Mukaiyama Aldol Reaction
MDR - D4 - P25	Mardjan Muhammad Idham	An Efficient One-Pot Synthesis of Bioactive Quinazolinone Derivatives
MDR - D4 - P26	Nam Ha Yun	Nazarov Cyclization of α -SCF ₃ Vinyl (Hetero)aryl Ketones Enabled by Trifluoromethylthio Group
MDR - D4 - P27	Lee Garyeong	Mild Radical Construction of Tricyclic Tetrazoles via In Situ Diazotization
MDR - D4 - P28	Lin Wei-Yu	Sustainable Approaches to Selective Amide Bond Cleavage