



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



Monday 13th July 2026
Congress theme:
Chemistry meets Biology & Food Science

| Session | Timing | Presenter | Kolom1 | Title |
|--------------|-------------|--------------|-----------|--|
| CBF-D1 - O01 | 10:00-10:15 | Alberto | Concellón | Dynamic Complex Liquid Crystal Emulsions as Responsive Optical Platforms for Detecting Foodborne Pathogens |
| CBF-D1 - O02 | 10:15-10:30 | Vânia | Rodrigues | Development of a molecular beacon-based LAMP assay for the specific identification of Ginkgo biloba in commercial herbal products and food supplements |
| CBF-D1 - O03 | 10:30-10:45 | Alessia | Cavallaro | Fluorescent sensor array for fungal detection and VOC-based quality monitoring in citrus fruit |
| CBF-D1 - O04 | 10:45-11:00 | Dries | Hermans | Functionality and migration behavior of bulk-mixed and surface-coated nano Ag/PHBHx packaging films. |
| CBF-D1 - O05 | 11:00-11:15 | Joana | Amaral | Development of a real-time PCR assay for the detection of Bombyx mori (silkworm) in insect-based food and feed products |
| CBF-D1 - O06 | 11:15-11:30 | Kelly | Bugatti | From Prediction to Bench: An Integrated Modelling-Synthesis Framework for Bitter Peptide Identification |
| CBF-D1 - O07 | 11:30-11:45 | Ana Catarina | Ribeiro | Polyphenol-Casein Interactions Modulate Protein Aggregation and Network Formation during Curd Development |
| CBF-D1 - O08 | 11:45-12:00 | Ana Rita | Pereira | New insights into yeast protein-chitosan complex coacervation for food systems |

POSTER FLASH 12:00

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|--------------|--|--------------------------------|---------------|--|
| CBF-D1 - F01 | | Luis Manuel Lopes Rodrigues da | da Silva | Red fruits - medicinal plants functional beverage prototypes: integrating cell bioactivity, cultivar chemistry and human metabolic biomarkers |
| CBF-D1 - F02 | | Raffaello | Nardin | Geographical fingerprinting of Wine: Multi-technique approach and signal masking effects |
| CBF-D1 - F03 | | Oluwaseun | Anselm | Bioaccumulation and distribution of Polychlorinated biphenyls (PCBs), Polycyclic Aromatic hydrocarbons (PAHs), and Organochlorine pesticides (OCPs) residues across the seafood web in Lagos Lagoon, Ogun waterside, Epe and Atlas Cove, Nigeria |
| CBF-D1 - F04 | | Reyhan Selin | Uysal | Monitoring aging processes and adulteration in Jerez vinegars using Raman spectroscopy and chemometrics |
| CBF-D1 - F05 | | Francesco | Cairone | From Mediterranean Agri-Waste to Functional Molecules for food packaging and dermo-cosmetic applications: Process-Driven Sustainable and Circular Chemistry |
| CBF-D1 - F06 | | Alejandro | Mendoza Cantu | Fermentation-induced molecular remodeling in South African indigenous tubers: Cassava and cocoyam |
| CBF-D1 - F07 | | tbd | tbd | tbd |
| CBF-D1 - F08 | | Emmanuel Kachii | Ukpoko | Analysis of Some Heavy Metals in Foodstuffs Contaminated with Pesticides using a developed Spot-test Method |

Lunch

| CBF-D1 - I01 | 14:00-14:30 | Markus | Fischer | Food fraud and countermeasures |
|--------------|-------------|--------------|----------------|--|
| CBF-D1 - O09 | 14:30-14:45 | Maria | Maisto | Plant-Derived Extracellular Vesicles from Grape Pomace as Bioactive Nanocarriers for Anti-Aging Nutraceutical Applications |
| CBF-D1 - O10 | 14:45-15:00 | Jule | Fiori | Prevalence and bioavailability of Kukoamine A and B in potatoes, potato products and peppers |
| CBF-D1 - O11 | 15:00-15:15 | Javier | Terán Baamonde | Metal additives in polymer microparticles: a hidden gut toxicological hotspot? |
| CBF-D1 - O12 | 15:15-15:30 | Marina | Piacenti-Silva | Sustainable NADES Extraction of Bioactive Flavonoids from Sugarcane Bagasse and Their Antioxidant Effects in Drosophila melanogaster Alzheimer Model |
| CBF-D1 - O13 | 15:30-15:45 | Yuri | Asnis | Kinetics of reactive nitrogen species in Plasma-Activated Water and their role in antimicrobial activity against Escherichia coli |
| CBF-D1 - O14 | 15:45-16:00 | Utibe Bassey | AKPAN | Antimicrobial Ionic liquid-essential oils combinations: a mathematical modelling of interactions |

Coffee break

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|--------------|-------------|----------|----------------|---|
| CBF-D1 - O15 | 16:30-16:45 | Carlotta | Valle | Valorization of Cocoa Bean Shells by Green Extraction: A Source of Functional Compounds |
| CBF-D1 - O16 | 16:45-17:00 | Raquel | Nunes da Silva | Circular Valorisation of Tomato Processing By-products: Recovery of Bioactive Compounds for Sustainable Food Systems |
| CBF-D1 - O17 | 17:00-17:15 | | | |
| CBF-D1 - O18 | 17:15-17:30 | Jens | Frackenpohl | Novel heterocyclic FAT-inhibitors – Resistance-breaking and PFAS-free grass weed control solutions for sustainable agrosience in Europe |

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|--------------|-------------|--------|------------|---|
| CBF-D1 - O19 | 17:30-17:45 | Chiara | Melchiorre | LC-MS of Ovatoxins: Influence of Calcium salts on ionization patterns and quantification accuracy |
| CBF-D1 - O20 | 17:45-18:00 | Dawid | Strzelecki | Pesticide Residues in Commercial Honey Samples: Application of a Validated Analytical Method and Chemometric Interpretation |

Posters

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|--------------|-----------------------|---|
| CBF-D1 - P01 | Giuseppe Grasso | Surface plasmon resonance unveils diffusion fingerprints of biomolecular mixtures in fluid models |
| CBF-D1 - P02 | Krista Damayanti | Effect of chemical bleaching and photo bleaching on crude agar characteristics from <i>Gracilaria</i> sp. |
| CBF-D1 - P03 | Haris Majstorovic | Synthesis & structure-activity relationship study on a plant-derived glycoside that attenuates virulence in <i>Pseudomonas aeruginosa</i> |
| CBF-D1 - P04 | Jong Pil Park | Peptide Conformation Engineering on a Chitosan Nanowhisker–Graphene Oxide Interface Enables High-Performance Electrochemical Detection of Food Allergen |
| CBF-D1 - P05 | Tshephiso Papo | Tuning the reactivity of N,N'-Pyridyl Palladium(II) complexes: A substitution kinetics and DNA/BSA binding study |
| CBF-D1 - P06 | Konrad Barnowski | Synergistic cancer therapy targeting LAG-3&PD-L1 through co-administration of flavonoid and durvalumab |
| CBF-D1 - P07 | Denys Bondar | Gold–Selenium carbenes in anticancer therapy |
| CBF-D1 - P08 | Åshild Sørskår | Stereoselective Synthesis of 18F-Labelled Specialized Pro-Resolving Mediators |
| CBF-D1 - P09 | Fayanne Nolin | Development of Oligonucleotide Probes to Study the Enzyme SNM1A |
| CBF-D1 - P10 | Roberta Cerasi Urban | Microplastics and Nanoplastics in Human Lung Cells: Size-, Polymer-, and Exposure Model–Dependent Cytotoxicity |
| CBF-D1 - P11 | Shagana Muruganatham | Assessing the Relevance of Sulfonium Salts in Nuclear Medicine via High-Throughput Radiolabelling |
| CBF-D1 - P12 | Nardjess Rim Laoufi | Development and validation of analytical performance of ICP-MS blood lead testing method using the ICHM10 new protocol for bioanalytical method. |
| CBF-D1 - P13 | Catherine Amiens | Innovative Radiolabelled Magnetic Nanoparticles for Dual MRI/SPECT Imaging |
| CBF-D1 - P14 | Suleyman Caliskan | Development of a novel MOF–MIP based electrochemical biosensor for the selective detection of organophosphorus pesticides |
| CBF-D1 - P15 | Rhizlane Kribii | Synthesis of Radiotracers to Image Neuroinflammation in Alzheimer's Disease |
| CBF-D1 - P16 | Carmen Corea | Sustainable scale-up of fatty acids and polyphenols extraction from Spent Coffee Grounds |
| CBF-D1 - P17 | Raquel Nunes Da Silva | In vitro testing of antifungal biocides against endophytic fungi of cork oak with potential phytosanitary application |
| CBF-D1 - P18 | Haesong Sher | High-Throughput Serum Metabolomics for PFAS Toxicity- Method Development and Cohort Validation in Belgian Residents Near a PFAS Production Plant |



Antwerp, Belgium

10th EuChemS Chemistry Congress

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12 - 16 July 2026

Tuesday 14th July 2026

Congress theme:
Chemistry meets Biology & Food Science

| Session | Timing | Presenter | Kolom | Title |
|--------------|-------------|-----------|-------------------|---|
| CBF-D2 - O01 | 10:00-10:15 | Sonsoles | Martin-Santamaria | Lipopolysaccharides for modulation of innate immunity receptors: the computational eye |
| CBF-D2 - O02 | 10:15-10:30 | Andrea | Sodini | Mannosylated Peptide Nanofibers for MUC1-Mimetic Antigen Delivery and Immune Modulation |
| CBF-D2 - O03 | 10:30-10:45 | Elisabete | Coelho | Enzymatic and subcritical water extraction based strategies to increase psychobiotic activity through cell wall polysaccharide modulation |
| CBF-D2 - O04 | 10:45-11:00 | Mattan | Hurevich | Expeditious synthesis of Glycan and Glycopeptides and their use in Pathogen detection |
| CBF-D2 - O05 | 11:00-11:15 | Gema | Nieto-Ortiz | Designing Multivalent Glycofullerenes for Redox-Active Lectin Biosensors |
| CBF-D2 - O06 | 11:15-11:30 | Rachel | Hevey | Synthesis & development of mucus-derived glycans as novel anti-virulence therapeutics |
| CBF-D2 - O07 | 11:30-11:45 | Michaela | Prothiwa | Chemical profiling of virulence-related bacterial proteases |
| CBF-D2 - O08 | 11:45-12:00 | Joanna | McGouran | Profiling Deubiquitinating enzymes |

POSTER FLASH 12:00

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|--------------|--|-------------|-------------|---|
| CBF-D2 - F01 | | Justine | Kapp | Quinoline based luminescent imidazolium salts as vector for gene therapy |
| CBF-D2 - F02 | | Oana | Grad | Designing Antibacterial Materials Using Cysteine |
| CBF-D2 - F03 | | Haris | Majstorovic | Synthesis & structure-activity relationship study on a plant-derived glycoside that attenuates virulence in <i>Pseudomonas aeruginosa</i> |
| CBF-D2 - F04 | | Chang-Hyung | Choi | Biomimetic aqueous-core hydrogel microcapsules for spatially organized enzymatic cascade reactions |
| CBF-D2 - F05 | | Catarina | Maria | Design and synthesis of novel sugar-based antibacterial agents against Gram-negative bacteria |
| CBF-D2 - F06 | | Nabashree | Chakraborty | Mitochondria is red today |
| CBF-D2 - F07 | | Brigitte | Holzer | Targeting RNA with clickable peptide nucleic acid-based molecular locks |
| CBF-D2 - F08 | | Luca | Pozzi | Cannabizetol: discovery of a new cannabinoid |

Lunch

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|---------------------|--------------------|--------------|-----------------|--|
| CBF-D2 - I01 | 14:00-14:30 | Tanja | Wrodnigg | Ligand-directed Chemistry profiling of Carbohydrate processing Enzymes |
| CBF-D2 - O09 | 14:30-14:45 | Valentina | Oliveri | Bioinorganic Hybrid Nanoplatfoms Based on Cellulose Nanocrystals for Mitochondrial Damage and Cuproptosis Induction in Tumor Cells |
| CBF-D2 - O10 | 14:45-15:00 | Anitha | Ethirajan | Stimuli responsive biopolymer based nanocarriers for the delivery of hydrophilic cargo |
| CBF-D2 - O11 | 15:00-15:15 | Hennie | Valkenier | Copper transport across cell membranes by calix[4]arene-based cationophores leading to potent biological activity |
| CBF-D2 - O12 | 15:15-15:30 | Vladimir | Kren | Glycosylated mycotoxins in food: A hidden enemy |
| CBF-D2 - O13 | 15:30-15:45 | Suada | Djukaj | Development of a biosimilar mucus layer as a predictive tool for preclinical drug assesment |
| CBF-D2 - O14 | 15:45-16:00 | Thilakan | Kanesalingam | A Coarse-Grained Approach to Modelling Adsorption of the Lubricating Salivary Protein, MUC5B, to Biomimetic Tongue Surfaces |

Coffee break

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|--------------|-------------|----------------|-------------------|--|
| CBF-D2 - O15 | 16:30-16:45 | Manuel | Maestre-Reyna | From femtoseconds to seconds: time-resolved crystallography of photolyases and cryptochromes. |
| CBF-D2 - O16 | 16:45-17:00 | Stefania | Gardoni | Design of semiconducting polymer interfaces to control Schwann cell behaviour |
| CBF-D2 - O17 | 17:00-17:15 | Cosima Damiana | Calvano | Uncovering Phospholipid and Oxysterol Signatures in Pancreatic Ductal Adenocarcinoma Cells and Their Extracellular Vesicles |
| CBF-D2 - O18 | 17:15-17:30 | Désirée | Schlemper-Scheidt | Functional characterization of mitochondrial 3-ketoacyl-CoA thiolase (kat-1) in <i>C. elegans</i> using comparative metabolomics |
| CBF-D2 - O19 | 17:30-17:45 | Elva | Moretta | Functional Proteomics-Driven Discovery of Quinazolinones as Proteasome Inhibitors |
| CBF-D2 - O20 | 17:45-18:00 | Saleha | Anwar | Inhibition of pyruvate dehydrogenase kinase 3 by geraniol: biochemical, computational and cellular insights |

Posters

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|--------------|-------------------------|--|
| CBF-D2 - P01 | Lu-Sheng Hsieh | Molecular characterization of Dendronephthya gigantea phenylalanine ammonia-lyase |
| CBF-D2 - P02 | Julie Dullier | Crystallization-assisted and Mechanoenzymatic Synthesis of Chiral Amines Using Transaminases |
| CBF-D2 - P03 | Chao-Jung Chen | High-throughput Screening of Herbal Medicines for DPP-4 Inhibition in Type 2 Diabetes Mellitus using Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry |
| CBF-D2 - P04 | Burak Mert Oruç | Encapsulation of Oleoresins to Improve Stability and Bioaccessibility of Food Bioactives |
| CBF-D2 - P05 | Essien Peter | New transition metal complexes of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II) were successfully synthesized with Schiff base ligands formed by the condensation of isonicotinic acid hydrazide with indoline-2,3-dione and 4-hydroxy-3-methoxybenzaldehyde. The complexes were obtained in moderate yields as coloured solids with sharp melting and boiling points. Comprehensive characterization was carried out using physicochemical and spectroscopic techniques. Molar conductance measurements indicated low values, confirming the non-electrolytic nature of the complexes. Infrared spectral analysis revealed that the Schiff base ligands generally acted as bidentate donors coordinating through the azomethine nitrogen and carbonyl oxygen atoms, except in the Cu(II) complexes where the ligands behaved as tridentate ONO donors. Electronic spectral data suggested that the Mn(II), Co(II), Ni(II), and Zn(II) complexes adopt tetrahedral geometries, while the Cu(II) complex exhibits an octahedral geometry. The in vitro antibacterial and antifungal activities of the synthesized compounds were evaluated against Escherichia coli, Staphylococcus aureus, Pseudomonas aeruginosa, and Candida albicans using the disc diffusion method. Several metal complexes showed notable antimicrobial activities, and in all cases the metal chelates displayed enhanced activity compared to the free Schiff base ligands. Overall, the successful synthesis, spectral characterization, and antimicrobial evaluation of the Schiff base ligands and their corresponding metal(II) complexes have been demonstrated. |
| CBF-D2 - P06 | Lucio Spinelli | PEGylation-Driven Remodeling of the Protein Corona on PLGA Nanoparticles: Implications for Macrophage Recognition |
| CBF-D2 - P07 | Eda Furtana | Optimization of Solid-Liquid Extraction of Bioactive Compounds from Food Processing Wastes |
| CBF-D2 - P08 | Aurel Tăbăcaru | New water-soluble La(III) and Ce(III) complexes as structurally defined candidates for anticancer applications |
| CBF-D2 - P09 | Dongyun Shin | Development of Novel JAK Degraders via PROTAC Technology |
| CBF-D2 - P10 | Shuo Guo | Isolation and Functionalisation of Natural Products from H. novae-zealandiae |
| CBF-D2 - P11 | Rima D. Alharthy | Rational design of phenyl 2,4,5- trichlorobenzenesulfonate based thiosemicarbazones as α - glucosidase and α - amylase inhibitors: integrating enzymatic evaluation and molecular docking |
| CBF-D2 - P12 | Eva Müller | Hydrotrope-Modulated AGA Hydrogels as Sustainable Nanocarriers for Molecules of Different Hydrophobicity |
| CBF-D2 - P13 | Winifred Ukpoko | Evaluation of Growth, Yield and Proximate Composition of Vegetables Irrigated with Wastewaters from Food Processing Industries |
| CBF-D2 - P14 | Chinasa Okorie-Humphrey | Production, physicochemical and sensory quality of bottled and sterilized tigernut milk: Exploring the future of plant-based beverage from an underutilized crop |
| CBF-D2 - P15 | Gerald Steiner | Non-invasive sex determination of chicken eggs using NIR and vis-spectroscopic imaging |
| CBF-D2 - P16 | Prashant. B Singh | Combined Computational & Experimental Approach to Design & Synthesize New Molecules Having Anti-Tuberculosis Properties |
| CBF-D2 - P17 | Perveen Akhtar | Portable multiplex quantification of marine biotoxins via digital colour-encoded lateral flow platform utilizing shape-tailored gold nanoparticles |
| CBF-D2 - P18 | Nkiruka David-Chukwu | Phytochemical Profiling of Nturuksa (Pterocarpus santalinoides) Leaves: An Underutilized Nigerian Indigenous Vegetable |



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12 - 16 July 2026



Wednesday 15th July 2026

Congress theme:
Chemistry meets Biology & Food Science

| Session | Timing | Presenter | Kolom | Title |
|--------------|-------------|-------------|----------|---|
| CBF-D3 - O01 | 10:00-10:15 | Jussara | Amato | Protein-G-quadruplex interactions: Expanding frontiers in drug development |
| CBF-D3 - O02 | 10:15-10:30 | Yu-Hsuan | Tsai | Disulfide-directed multicyclic peptides for chimeric antigen receptors targeting solid tumors |
| CBF-D3 - O03 | 10:30-10:45 | Davide | Deodato | Biophysical characterization of the complex between A β and model peptides of optineurin: the impact of the E50K mutation in neurodegenerative pathways |
| CBF-D3 - O04 | 10:45-11:00 | Sara | La Manna | From Planar to Octahedral Architectures: Geometry-Driven Modulation of Amyloid Aggregation |
| CBF-D3 - O05 | 11:00-11:15 | Fatma Zohra | Mihoubi | Chemical requirements of coacervates as protocells |
| CBF-D3 - O06 | 11:15-11:30 | Sebastian | Golojuch | Enhancing and probing mRNA properties via click chemistry |
| CBF-D3 - O07 | 11:30-11:45 | Neda | Bagheri | Enzymatic regulation of CRISPR-Cas12a for programmable readout of DNA repair and topological states |
| CBF-D3 - O08 | 11:45-12:00 | Jory | Lietard | RNA and XNA microarrays: harnessing the full power of nucleic acid photolithography |

POSTER FLASH 12:00

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|--------------|-----------|-----------|---|
| CBF-D3 - F01 | Olav | Vestheim | Synthesis of Phospholipid-Salen Manganese Conjugates as Bioactive Antioxidants for Hepatocellular Protection from Reactive Oxygen Species |
| CBF-D3 - F02 | Jana | Baroen | A multi-omics approach to understand how cold atmospheric plasma affects patient-derived head and neck and pancreatic tumors. |
| CBF-D3 - F03 | Tanguy | Scaillet | Characterisation of Brucella melitensis phosphoserine phosphatase through crystallographic and kinetic studies |
| CBF-D3 - F04 | Man Shing | Wong | Multimodal Nanoprobe for Amyloid- β Targeted Imaging and Oxidative Stress Monitoring in Alzheimer's Disease |
| CBF-D3 - F05 | Eva | Müller | Polyphenolates as Bipotent Photostabilising and Solubilizing Agents for Riboflavin |
| CBF-D3 - F06 | Giorgio | Facchetti | Enantioselective access to L-Carnosine via one-pot catalytic protocol |
| CBF-D3 - F07 | Mubarak | Alamri | Targeting Tumor Angiogenesis and Growth Signaling: Dual VEGFR/EGFR Inhibition by some 8-methyl-2-phenyl quinazoline-4[3H]-one Derivatives |
| CBF-D3 - F08 | Jordi | Jaenen | Development of a Dual-Functional Nanostructure for Simultaneous Plasmonic Heating and Real-Time Temperature Sensing |

Lunch

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|--------------------|--------------------|---------------|-----------------|---|
| CMBF-I-PL-3 | 14:00-14:30 | Manuel | Coimbra | Contribution of carbohydrates for innovation in food |
| CBF-D3 - O09 | 14:30-14:45 | Federico | Riu | Targeting (self-)splicing machineries with small molecules to fight cancer |
| CBF-D3 - O10 | 14:45-15:00 | Lily | Kenchington-Evi | Design, synthesis, and biological evaluation of traditional antibiotic scaffolds modified with a permanently charged moiety |
| CBF-D3 - O11 | 15:00-15:15 | Catarina | M. Correia | Rationale Design, Synthesis and Pharmacological Properties of Fused Chromenopyrazoles as CB1 Ligands |
| CBF-D3 - O12 | 15:15-15:30 | Malliga | Iyer | CNS sparing agents targeting Cannabinoid-1 Receptors for Treatment of Metabolic Syndrome Disorders |
| CBF-D3 - O13 | 15:30-15:45 | Yang-Hsiang | Chang | Molecular Design of Ultrabright NIR-II Fluorescent Probes for Deep-Tissue Imaging |
| CBF-D3 - O14 | 15:45-16:00 | | | |

Coffee break

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|--------------|-------------|-----------|---------|---|
| CBF-D3 - O15 | 16:30-16:45 | Marta | Da Pian | Integrating chemical and biological knowledge to enhance translational research: insights from recent studies |
| CBF-D3 - O16 | 16:45-17:00 | Martin | Gill | Combining ruthenium(II) metallo-intercalators and PARP inhibitors for cancer therapy |
| CBF-D3 - O17 | 17:00-17:15 | Polysseña | Renzi | Combining Boron and Gadolinium Neutron Capture Therapy with the Inhibition of Carbonic Anhydrase for the Treatment of Mesothelioma |
| CBF-D3 - O18 | 17:15-17:30 | Ricardo | Ferraz | Combination of antimalarial drugs with natural acidic lipids delivers surface-active ionic liquids with multi-stage antimalarial activity |

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|--------------|-------------|-------|-------|--|
| CBF-D3 - O19 | 17:30-17:45 | | | |
| CBF-D3 - O20 | 17:45-18:00 | Rabia | Zahid | Silsesquioxane-nucleic acids suprastructures for controlled gene therapy |

Posters

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|--------------|---|--|
| CBF-D3 - P01 | Tom Götz-Ebert | From Monomers to Dendrimers: Novel Synthetic Strategies for Highly Branched Peptide Nanostructures for Next-Generation Drug Delivery |
| CBF-D3 - P02 | Luís Manuel Lopes Rodrigues Da Da Silva | Chemistry-to-biology translation for functional fruit beverages: a comparative pipeline for Sorbus, Viburnum tinus and Rhus coriaria hot-water infusions |
| CBF-D3 - P03 | Perveen Akhtar | Nanoparticle-Based Lateral Flow Immunoassays for Detecting Marine Biotoxins in seafood: A Systematic Review of Trends in Development over Two Decades |
| CBF-D3 - P04 | Annwyne Houldsworth | The Role of Oxidative Stress in Neurodegenerative Diseases: A Review of Oxygen Species and Prevention by Antioxidants |
| CBF-D3 - P05 | Milenko Košutić | Production and Characterisation of corn flakes enriched with Amaranth (Amaranthus spp.) |
| CBF-D3 - P06 | Jelena Filipović | Development of nutritional enriched extruded corn product with pseudo cereals |
| CBF-D3 - P07 | Madiha Kousar | Design, Synthesis, and Characterization of Rutin–Cu (II) Complexes with Antioxidant, Antibacterial, and Pharmacokinetic Evaluation |
| CBF-D3 - P08 | Sinem Keleş | Upcycling cheese whey into plant-based kefir: a hybrid approach for sustainable functional beverages |
| CBF-D3 - P09 | Özcan Bulantekin | Determination of Some Properties of Halva Made from Kavlca and Wheat Flour |
| CBF-D3 - P10 | Yun Mi Chung | Method Validation for the Determination of Pyridate in Agricultural Commodities |
| CBF-D3 - P11 | Anas Shamsi | Unveiling phytochemical inhibitors of serum and glucocorticoid-regulated kinase 1 (SGK1) through a systematic virtual screening: implications for cancer treatment |
| CBF-D3 - P12 | Ngunjoh Emmanuel Chi | Biochar-Amended Soil for Persistent Organic Pollutant Mitigation in Food Crops: Evaluating Bioavailability and Nutritional Impact |
| CBF-D3 - P13 | Lorita Nchung | Quality Evaluation of Orange Fleshed Sweet Potato, Beetroot, and African Yam Bean Flour Blends for Gruel Production |
| CBF-D3 - P14 | Utibe Bassey Akpan | Impact of cation alkyl chain length on the antimicrobial efficacy of 1-alkyl-3-methylimidazolium ionic liquids |
| CBF-D3 - P15 | Muhammad Bilal Khan Niazi | Production of citric acid from biomass-derived sugars using submerged fermentation with genetically optimized <i>Aspergillus niger</i> |
| CBF-D3 - P16 | Obed Obeng-Gyasi | What Lipid Composition Best Reproduces The Biophysical Properties Of Fungal Membranes? |
| CBF-D3 - P17 | Rahat Mustafa | Plant waste-enabled production of metal oxide nanoparticles for translational anticancer applications |
| CBF-D3 - P18 | Tanja Bruun | Regenerative cardiac pharmacology – Design, synthesis, and pharmacological evaluation of novel small molecule compounds |



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Thursday 16th July 2026

Congress theme:
Chemistry meets Biology & Food Science

| Session | Timing | Presenter | Kolom1 | Title |
|--------------|-------------|-----------------|----------------|--|
| CBF-D4 - O01 | 10:00-10:15 | Francesco | Peri | Pharmacological modulation of human immunity: a chemistry-based approach |
| CBF-D4 - O02 | 10:15-10:30 | Chiara | Maccari | Environmental pollution and asthma: EXPOSOMIC approach |
| CBF-D4 - O03 | 10:30-10:45 | Vincenzo | Piccolo | Phytochemical profiling and quantification of glucosinolates in radish microgreens and evaluation of their H ₂ S-mediated vasodilatory activity |
| CBF-D4 - O04 | 10:45-11:00 | Giorgia | Gambardella | Synthetic Gene Networks for Tunable Regulation of Enzyme-Inhibitor Complexes |
| CBF-D4 - O05 | 11:00-11:15 | Roberto | Olayo-Gonzalez | Plasma-Functionalized Electrospun PLA-PCL Scaffolds implanted in rabbits for Articular Cartilage Regeneration |
| CBF-D4 - O06 | 11:15-11:30 | Heleen | De Wever | Tunable biopolymer production from CO ₂ through biotechnological processes |
| CBF-D4 - O07 | 11:30-11:45 | Sebastian-Felix | Fritz | Small Stereoselectively Deuterated Molecules at the Chemistry-Biology Interface |
| CBF-D4 - O08 | 11:45-12:00 | | | |

POSTER FLASH 12:00

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|--------------|--|-----------------|------------|--|
| CBF-D4 - F01 | | Mihai-Alexandru | Molena | Design and synthesis of lipid substrates for sterol imaging |
| CBF-D4 - F02 | | Magdi | El Fergani | Synthesis and Characterization of Novel Rhodamine and Coumarin-based Fluorophores |
| CBF-D4 - F03 | | Inês | Ferreira | De novo analytical chemistry approaches for collagen and polyphenol characterization in Physalia physalis |
| CBF-D4 - F04 | | Cordelia | Zimmerer | From dopamine to polydopamine time-resolved IR- and Raman spectroscopy of the polymerization process |
| CBF-D4 - F05 | | Nandini | . | Fluorescent Nanoscale Lipid Vesicles for Cysteine-Triggered Hydrogen Sulfide (H ₂ S) Delivery and Therapeutic Potential |
| CBF-D4 - F06 | | tbd | | |
| CBF-D4 - F07 | | tbd | | |
| CBF-D4 - F08 | | Konrad | Barnowski | Synergistic cancer therapy targeting LAG-3&PD-L1 through co-administration of flavonoid and durvalumab |

Lunch

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|---------------------|--------------------|--------------|--------------------|---|
| CBF-D4 - I01 | 14:00-14:30 | Laura | Roman Rivas | Carbohydrates as building blocks of structure in plant foods |
| CBF-D4 - O09 | 14:30-14:45 | | | |
| CBF-D4 - O10 | 14:45-15:00 | Adriaan | Minnaard | Total synthesis of Bisenarsan; an organo-arsenic metabolite from Streptomyces |
| CBF-D4 - O11 | 15:00-15:15 | Cecilia | Scandurra | Transcriptional circuits control of Hybridization Chain Reaction (HCR) |
| CBF-D4 - O12 | 15:15-15:30 | Abrar | Hussain | Synthesis and In Vitro Antimicrobial Evaluation with Molecular-Level Insights into Novel Azomethine Derivatives |

Posters

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