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| 13:00 | Lobby Registration | |
| 13:30 | Omega 1 PLENARY 1 | Prof. V. Gevorgyan <i>New Heterocyclization and C–H Functionalization Methods</i> |
| Split (5 min) | | |
| | | Chemistry of Heterocyclic Compounds (chair Dr. Marina Teus) |
| 14:20 | Omega 1 SESSION 1 | Prof. Dr. Dmitriy Volochnyuk <i>Amino Acids Derived Diazoketones – Shelf Stable Reagents for Heterocyclizations</i> |
| 14:50 | | Prof. Dr. Sergey Ryabukhin <i>MedChem-Relevant gem-Difluorocycloalkane Building Blocks and Their Impact on Physicochemical Properties</i> |
| 15:20 | | Prof. Dr. Till Opatz <i>Chemical Contributions to Fighting and Preventing Prevalent Diseases</i> |
| 15:50 | Lobby Coffee break | |
| | | Advanced technologies in Drug Discovery (chair Prof. Dr. Aigars Jirgensons) |
| 16:20 | Omega 1 SESSION 2 | Prof. Igor Komarov <i>Diarylethenes as Promising Drug Candidates for Photopharmacology</i> |
| 16:50 | | Dr. Sigitas Mikutis <i>Small Molecule Targeted RNA Degradors – RNA Modifications, SARS-CoV-2 and Beyond</i> |
| 17:20 | | Dr. Ross McLennan <i>Rational Design of a SMARCA2 Selective and Orally Bioavailable VHL-recruiting PROTAC</i> |
| 18:00 | Lobby Posters up 60 posters | |
| 19:00 | Hotel Restaurant Dinner | |

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| 14:20 | Omega 2 SESSION 3 | Drug delivery (chair Dr. Kārlis Pajuste) |
| 14:50 | | Prof. Dr. Tambet Teesalu <i>Precision Targeting of Drugs and Nanoparticles with Homing Peptides</i> |
| 15:20 | | Prof. Dr. Valentín Ceña <i>Nanomedicine for Glioblastoma Therapy</i> |
| | | Dr. Antons Sizovs <i>Pharmacokinetics, Biodistribution and Passive Tumor Accumulation of Non-opsonizing Nanoparticles</i> |
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SEPTEMBER 23

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| | | Fragment based drug discovery (chair Prof. Dr. Kristaps Jaudzems) |
| 16:00 | Omega 1 SESSION 6 | Dr. Emilio Parisini , <i>Towards the Development of Selective Modulators of Cadherin-mediated cell-cell Adhesion</i> |
| 16:30 | | Dr. Daren Fearon <i>From Crystallographic Fragment Screen to Preclinical Candidates: Open Science Discovery of New Antivirals</i> |
| 17:00 | | Prof. Dr. Amedeo Caflisch <i>Structure-based Optimization of an Anticancer Compound</i> |
| 17:30 | Lobby Poster sesion & Coffee break | |
| 21:00 | Mazā Ģilde, Amatu iela 5. Piano quartet "Quadra" concert | |

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| | | Natural products (chair Prof. Dr. Maija Dambrova) |
| 16:00 | Omega 2 SESSION 9 | Prof. Dr. Nina Hermans <i>Bioavailability and Biotransformation of Polyphenolic Compounds: Does the Gut Microbiome Play a Lead Role?</i> |
| 16:30 | | Ilona Vanaga , <i>Ancient Survivors - Conifer Polyphenol Studies for Modern Applications</i> |
| 17:00 | | Dr. Inga Sīle , <i>Medicinal Plants in Latvia: Traditional Knowledge and Future Perspectives</i> |
| 17:30 | Omega 2 | Latvian Society of Pharmacology meeting |

SEPTEMBER 24

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| 08:30 | Omega 1 PLENARY 4 | Prof. Dr. David Crich <i>Hydroxalogs</i> |
| 09:15 | Omega 1 PLENARY 5 | Dr. David Rees <i>Medicines for Millions of Patients</i> |
| 10:00 | Lobby Coffee break | |
| | | Natural product synthesis (chair Dr. Gints Šmits) |
| 10:30 | Omega 1 SESSION 10 | Prof. Dr. Bengt Erik Haug <i>Synthesis of Bioactive Marine Natural Products</i> |
| 11:00 | | Prof. Dr. Edgars Sūna <i>Anti-cancer hit from natural product: from total synthesis to drug discovery</i> |
| 12:00 | Hotel restaurant Lunch | |
| 13:15 | Omega 1 PLENARY 6 | Prof. Dr. Jieping Zhu <i>Catalytic Enantioselective 1,2-Rearrangement</i> |
| 14:00 | Omega 1 Wrap-up Poster awards | |

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| | | Structural biology (chair Dr. Emilio Parisini) |
| 10:30 | Omega 2 SESSION 11 | Prof. Dr. Pau Gorostiza , <i>Structure-based Design of Photoswitchable Ligands Targeting Enzymes and Receptors</i> |
| 11:00 | | Prof. Dr. Marko Hyvonen , <i>Development of Orthosteric Inhibitors of RAD51:BRCA2 Interaction</i> |
| 11:30 | | Prof. Dr. Martin Höllberg , <i>Structural Virology for Drug Design</i> |