

Day 4			
04 December 2024			
Wednesday			
0730-0800			
Registration			
MS2-V Plenary			
Thermal/Topochemical Polymerization Reactions: Challenges and Opportunities			
Kana M Sureshan			
0845-0945			
Special session by Professor Horst Pushman			
Venue: CH2		Venue: CH3	
Venue: MR305			
0945-1000			
MS1-IV Structural Mechanistic Insights into the Function of Phosphatidylethanolamine N-Methyltransferase PmtA Mediating Bacterial Phosphatidylcholine Synthesis		MS2-I Invited Speaker Guest-Regulated Structural Changes of Mechanically Interlocked Polymers	
Salma Dienta Salsabila		Eunji Lee	
MS1-IV Antibody-Assisted Cryo-EM Single-Particle Analysis on Intramembrane Metalloprotease RseP from <i>Aquifex Aericus</i>		MS2-I High-Resolution X-Ray Powder Diffraction Reveals Lattice Distortion of Surface and Bulk Regions in Morphology-Controlled Nanocrystals	
Terukazu Nogi		Bo-Hao Chen	
MS1-IV Structural Insight into the Membrane Organization of Red Blood Cells		MS2-I The Growth and Defect Study of 4-Inch ZnGeP2 Nonlinear Crystal	
Ning Gao		Chunhui Yang	
1030-1050			
Tea Break / Exhibition / Poster Viewing			
Venue: CH2		Venue: CH3	
Venue: MR305			
1050-1120			
MS1-III Keynote Exploring the Molecular Machinery of Cell Death to Discover New Drug Targets		MS2-III Keynote Responsive Metal-Organic Frameworks for Structural and Colorimetric Transformation	
Peter Czabotar		Jinhee Park	
MS1-III Invited Speaker New Structure of Full-Length Rat MLKL Reveals Novel Interface for Interdomain Communication		MS2-III Invited Speaker Solid-state [2+2] Photo-Cycloaddition and Dynamics in Zn(II) Supramolecular Isomers Assembled with Olefin Ligands	
Katherine Davies		In-Hyeok Park	
MS1-III Molecular Mechanisms of Lipid Antigen Presentation to T Cells in Protective or Aberrant Immunity		MS2-III In Situ Control of Solid State [2+2] Photodimerization of Styrylpyridine by Crystalline-State Photoisomerization	
Adam Shahine		ARIKO SERIKI	
MS1-III Luteolin as Inhibitor of 3CLpro from SARS-CoV-2 Against COVID-19		MS2-III Mechanically Compliant Organic Single-Crystal Optical Microwaveguides	
Wael Babeh		Soumyajit Ghosh	
MS1-III Importance of Active Site Residues and Its Substitutions in Plasmodium Pepsin-Like Aspartic Proteases		MS2-III Mechanochemical Preparation of Binary Pharmaceutical Solid Forms: Characterization and Determination of Dissolution Profiles	
Satadru Chakraborty		Juan Manuel Germán-Acacio	
MS1-III The C-Lobe of Lactoferrin; A Swiss Army Knife of the Body		MS2-III Mechanically Induced Energy Conversion in Polymorphic Single Crystals	
Sujata Sharma		Durga Prasad Karothu	
MS1-III Molecular Insights into Metabolite-Mediated T Cell Immunity		MS2-III Insights Into the Structure-Property Relationship of Ambrisenan Solid Forms	
Wael Awad		Jamsied Haneel	
MS1-III A Novel Conformation-Specific BAK Antibody Enables Assessment of Non-Activated BAK in Live Cancer Cells		MS2-III Efficient Mechanochemical Synthesis of Polyvalent Iodine Salts and Understanding their Reactivities in the Crystalline State	
Michelle Miller		Ipsha Shruti	
1310-1410			
Lunch / Exhibition / Poster Viewing			
MS3-III Plenary			
New Generation Low-Dimensional Nanomaterials for Advanced Water Treatment			
Hui Ying Yang			
1455-1525			
Sponsor's session by DKSIT			
Venue: CH2		Venue: CH3	
Venue: MR305			
1525-1540			
MS1-V Crystal Structure Analyses of Plasmodium Falciparum 1-Deoxy-D-Xylofucose 5-Phosphate Reductoisomerase in Complex with a New Inhibitor		MS2-VI Keynote Constructing Coordination Polymers and Cages from Low-Symmetry and Chiral Ligands	
Nobutada Tanaka		David Turner	
MS1-V Crystallization and Preliminary X-Ray Crystallographic Analysis of a Promiscuous Paraoxonase from a Locally Isolated Organophosphate-Degrading Bacillus sp.		MS2-VI Versatile Fluorescence on Single Crystals of Non-Stoichiometric Hydrogen-Bonded Organic Frameworks Depending on the Component Fraction and Distribution	
S3wahi Ameera Azman		Taito Hashimoto	
MS1-V Structural Analysis of the ATPase Domain of Mycobacterium Tuberculosis DNA Gyrase in Complex with a Novel Antitubercular Agent		MS2-VI Self-Assemblies of Sulpha-Drug Derived Amides	
Nei-Li Chan		Juberej Dinesh Baruah	
MS1-V Structure-Based Screening of VEGFR2 Inhibitors that Abrogates Tumor Growth by Inhibiting Angiogenesis		MS2-VI The Role of Supramolecular Interactions in Recognition of Isostructurality	
Biswajit Mohanty		Petra A Bombicz	
1640-1655			
Tea Break / Exhibition / Poster Viewing			
Poster Judging			
1655-1800			
MS1-III, MS1-IV, MS2-III, MS2-IV, MS3-III, MS3-IV			
End			