



MATSCI Day 1: June 20, 2019 Singapore	
9:00 to 10:30	Registrations & Opening Ceremony
Networking and refreshment Break 10:30 - 11:00	
Keynote	
11:00 - 11:50	Discovery of Eliquis®/Apixaban, a Novel Factor Xa, Anticoagulant and Chan-Lam Coupling Reaction
	Prof. Patrick Y-S. Lam, Baruch S. Blumberg Institute, US
11:50 - 12:40	Non-flammable Sodium-ion battery designed for electrical energy storage systems
	Dr. Palani Balaya, National University of Singapore, Singapore
12:40 - 13:30	Advanced engineering materials in regulating power to weight ratios
	Prof. K. Vijay Kumar Reddy, JNTUH, India.
Lunch 13:30 - 14:30	
14:30 - 15:20	Advanced Materials suitable for automotive Fields
	Prof. B. Sudheer Prem Kumar, JNTU India
15:20 - 15:10	Fabrication, Structural and Electrochemical Characterization of Few Cathode Epitaxial Thin Films For All Solid Thin Film Batteries
	Dr. Kamala bharathi, SRM University, India
15:10 - 16:00	Registration and Pharmacovigilance Requirements for Biosimilars in Singapore and Malaysia
	Dr. Joelle Chia, Pharma To Market, Singapore
Networking and refreshment Break 16:00 -16:30	
16:30 - 17: 20	Expanding the Medicinal Chemistry Toolbox to Access New Chemical Space in Drug Discovery
	Dr. Parathasarathi Das, Indian Institute of Technology
17:20 - 18:10	Clinical Pharmacology Studies for new chemical entities or biologics
	Dr. Venkateshan SP, Associate Director at Abbott, Singapore
Panel Discussion	
End of Day 1	

Day 2: June 21, 2019	
Session Chair:	
Sessions	Chemical Biology
10:00 - 10:30	Heterovalent Coordination Compounds Of Iron And Their Biological Activity
	Dr. M.Rahimova, Tajik National University, Republic of Tajikistan
10:30 - 11:00	Inverse Molecular Docking as a Novel Approach to Study Anticarcinogenic and Anti-neuroinflammatory Effects of Curcumin
	Ms. Veronika Furlan, University of Maribor, Slovenia
Networking and refreshment Break 11:00 - 11:30	
11:30 - 12:00	Mycobacterium tuberculosis DnaG primase as an essential drug target – A Computational Approach
	Ms. Supriya Hakeem, Shri Mata Vaishno Devi University (SMVDU), India.
12:00 - 12:30	Protective effects of ursolic acid against gamma irradiation induced injury through NF- κ B pathway
	Dr. Hong Wang, University of Singapore, Singapore
Session Chair:	
Sessions	Material Science
12:30 - 13:00	Title: Challenges on polymer/cork composites for rotomoulding applications
	Dr. Prof. Carla I. Martins, University of Minho, Portugal
Lunch 13:00 - 14:00	
14:00 - 14:30	Structural Characterization of Zinc doped Hydroxyapatite Nanoparticles
	Dr. W.A.D.L.S. Abeywardana, Sri Lanka Institute of Nanotechnology
14:30 - 15:00	Title: Black seed oil incorporated polycaprolactone microspheres as an effective oil encapsulation approach
	Ms. Samali Liyanaarachchi, SLINTEC Academy, Sri Lanka
15:00 - 15:30	Vibrational and Thermal Properties of Ionic Conductors Type Pyrochlore H1-xAgxTaWO6.nH2O
	Prof. Daniel Valim, Mato Grosso State University
Session Chair:	
Sessions	Nanotechnology Nano medicine Nano engineering Nano engineering Nano Biomaterials
15:30 - 16:00	Title: Synthesis of Size Tunable Fe₃O₄@PDA@nMgO Nanoparticles
	Mr. Durr-e-Shahwar Noman, University of South Australia, Australia
Networking and refreshment Break 16:00 - 16:30	
16:30 - 17:00	Combined toxicity of metal oxide nanoparticles and its attenuation with some innocuous bio-protective complexes
	Dr. A. Minigalieva , The Medical Research Center for Prophylaxis and Health Protection in Industrial Workers, Russia
17:00-17:30	Screening for urine samples for total protein content with the help of plasmonic silver nanoparticles and machine learning
	Dr. Sourav Bhattacharjee , University College Dublin, Ireland
17:30-18:00	Formulation Of Benzotriazole Loaded Electrospun Cellulose halloysite Nano Fibers and Its Controlled Release Rate Studies for Corrosion Inhibition of Mild Steel
	Ms. Anjani Mamidala & Ms. D. Sushmitha , CBIT Department of Chemical engineering, India