



SILVER JUBILEE CELEBRATION (ISCB-NIPICON-2020)

26th ISCB INTERNATIONAL CONFERENCE (ISCB-2020)

Jointly Organized by:

Indian Society of Chemists & Biologists (ISCB)

Nirma Institute of Pharmacy International Conference (NIPiCON)

Date: 22 - 24 January, 2020 | Venue: Nirma University, Ahmedabad, India

E-mail: iscbconference@gmail.com | Website: www.iscbconference.com

SCIENTIFIC PROGRAMME

Wednesday, January 22, 2020

9.00 AM - 10.30 AM	Registration
10.30 AM - 12.00 PM	Inaugural Session
12.00 PM - 12.30 PM	High Tea

Session – I

Chairpersons: Prof. Anamik Shah and Dr. PMS Chauhan

PL-1 12.30 PM - 1.00 PM	Nigel G. J. Richards Department of Chemistry, Cardiff University, Cardiff, UK Building Better Enzymes: Redesigning DNA Polymerases to Replicate Nucleobases in Expanded Genetic Alphabets
PL-2 1.00 PM - 1.30 PM	Christophe LEN Chimie ParisTech, PSL Research University, CNRS, Institute of Chemistry for Life and Health Sciences, Paris, France BATCH AND CONTINUOUS FLOW CONVERSION OF BIOMASS INTO FURAN DERIVATIVES
1.30 PM - 2.30 PM	Lunch

Parallel Session – II A

Chairpersons: Prof. N.C. Desai, Dr. Vinay Tripathi and Dr. Jignasa Savjani

PL-3 2.30 PM - 3.00 PM	Anil Kumar Singh Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai, India New Strategies for Design and Development of Neutral and Hydrophobic Extrinsic Fluorescent Probes
IL-1 3.00 PM - 3.20 PM	Keshav Deo Executive Director, Almelo Private Limited, Hyderabad, India A Dietary Supplement use as An Anti-Aging Agent
IL-2 3.20 PM - 3.40 PM	Shipra Chauhan Scientist, Zeon Cooperation, Kawasaki, Japan CYCLO OLEFIN POLYMER, THE NEW AGE MATERIAL FOR MEDICAL APPLICATION BY ZEON: OUTLINE OF ZEON MEDICAL PRODUCT



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IL-3 3.40 PM - 4.00 PM	RameshBabu Boga BogaR Laboratories LLC, PO Box 1554, Suwanee, GA 30024, USA Global Healthcare Challenge of Drug Resistance: Moment of Truth and Future Prospects
IL-4 4.00 PM - 4.20 PM	Ravindra V. Singh Head of India R&D, Custom synthesis and Manufacturing, Merck - Living Innovation, Sigma Aldrich Chemicals Pvt Ltd, Bangalore, India Novel Diaminoquinazolines (DAQs) as an effective inhibitor of M. Tuberculosis, and a potential drug candidate for treatment of Tuberculosis (TB)
4.20 PM - 4.30 PM	Tea

Parallel Session – II B

Chairpersons: Prof. Ashok K Prasad and Dr. Vivek Vyas

IL-5 2.30 PM - 2.50 PM	Manjunath Ghate Director, Institute of Pharmacy, Nirma University, Ahmedabad, India Design, Synthesis and Biological Evaluation of Small Molecules targeting Histone Deacetylase Inhibitors (HDAC) as Anti-Cancer Agents
IL-6 2.50 PM - 3.10 PM	Hemant Joshi Department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, India A Molecular Rotor Possessing a Cl-Pd-Cl “Spoke” on a Se-Pd-Se “Axle”: Efficient Catalyst for Regioselective C-5Arylation of Imidazoles
IL-7 3.10 PM - 3.30 PM	Sivapriya Kirubakaran Assistant Professor, Indian Institute of Technology - Gandhinagar, India Are DDR kinases Druggable? : Our journey towards Cancer therapeutics
IL-8 3.30 PM - 3.50 PM	Prajwal Nandekar Scientist, Schrodinger, India Transforming Drug Discovery with Advanced Computational
IL-9 3.50 PM - 4.10 PM	Divya Vohora Professor, Pharmacology, Faculty of Pharmacy, JamiaHamdard University, New Delhi, India Antiepileptic Drugs and Ketogenic Diet: An Uncanny Alliance to Bone
4.10 PM - 4.30 PM	Tea



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Parallel Session – III A

Chairpersons: Dr. P.M.S. Chauhan and Dr. Nagja Tripathi

IL-10 4.30 PM - 4.50 PM	Bal Ram Singh Professor and Director, Botulinum Research Center and Institute of Advanced Sciences, North Dartmouth, MA The Most Poisonous Poison as a Model to Reframe Biology, Chemistry, and Physics of Evolution
IL-11 4.50 PM - 5.10 PM	Dalip Kumar Department of Chemistry, Birla Institute of Technology and Science, Pilani, India Efficient and Regioselective Functionalization of Quinolones
IL-12 5.10 PM - 5.30 PM	Mukesh Nandave Associate Professor, Department of Pharmacology, Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi, India The Role of Omics in Personalised Medicine: A Review of Outcomes in Cardiovascular Diseases
IL-13 5.30 PM - 5.50 PM	Ritesh Singh Assistant Professor, Department of Chemistry, Central University of Rajasthan, Bandar Sindri, Ajmer, Rajasthan, India Synthetic Exploration of Aza-oxyallyl Cation Towards Oxindoles and 1,4-Benzodiazepines

Parallel Session – III B

Chairpersons: Prof. Anshu Dandia and Dr. Shital Panchal

IL-14 4.30 PM - 4.50 PM	Bapu B. Shingate Assistant Professor, Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India Arylidene-Rhodanine/Thiazolidinone Hybrids: Synthesis, Bioevaluation and Molecular Docking Study
IL-15 4.50 PM - 5.10 PM	Farukh Arjmand Department Of Chemistry, Aligarh Muslim University, Aligarh, India Molecular design, structural features of new RNA targeted antitumor metallodrugs for cancerchemotherapy
IL-16 5.10 PM - 5.30 PM	Rajeev Sakhuja Department of Chemistry, Birla Institute of Technology and Science, Pilani, Rajasthan, India Bile acid Hybrids as Anticancer Agents



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IL-17 5.30 PM - 5.50 PM	Devesh M Sawant Asst Professor, Pharmacy, Central University of Rajasthan, Bandarsindri, Ajmer, Rajasthan, India Pd-Catalyzed Azide-Isocyanide Cross Coupling Reaction: Applications in Medicinal Chemistry and Bioimaging
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Poster Session -I

Chairpersons: Dr. Sanjay Kumar, Dr. Bhagwati Saxena and Ms. Anusree Raval

5.50 PM – 7.00 PM	Poster Session -I (Poster Numbers 1-125)
7.00 PM – 8.30 PM	Cultural Programme
8.30 PM	Dinner



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Thursday, January 23, 2020

Parallel Session – IVA

Chairpersons: Dr. Surya Prakash Gupta and Dr. Shital Butani

PL-4 9.00 AM - 9.30 AM	Michele Vittadello Professor of Chemistry, Medgar Evers College, of the City University of New York, Energy Nanotechnology and Materials Chemistry Team, Brooklyn, NY, USA Cytochrome <i>c</i> Oxidase Oxygen Reduction Reaction induced by Cytochrome <i>c</i> on Nickel-Coordination Surfaces based on Graphene Oxide in Suspension
IL-18 9.30 AM - 9.50 AM	Ashok K Prasad Department of Chemistry, University of Delhi, Delhi, India Sugars to Flavonoids and Other Molecules of Important Applications
IL-19 9.50 AM - 10.10 AM	Ashoke Sharon Associate Professor, Department of Chemistry, Birla Institute of Technology, Mesra, Ranchi, India Computational Studies on HSP90 inhibitors as possible anti-HIV agents
IL-20 10.10 AM - 10.30 AM	Amjad Ali Professor & Head, School of Chemistry and Biochemistry, Thapar Institute of Engineering & Technology, (Deemed to be University), Patiala, India Transesterification/esterification reactions catalyzed by heterogeneous catalysts to form biofuel and fuel additives
IL -21 10.30 AM - 10.50 AM	Debasish Mandal School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala, Punjab, India Orientated External Electric Field: An Invisible Catalyst in Bio(Chemical) Reaction
IL -22 10.50 AM - 11.10 AM	Luxami, V. School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala, India Experimental and theoretical investigation of ES IPT based Hydroxy-aryl benzimidazoles/Schiff bases as chromofluorescent sensor
IL -23 11.10 AM -11.30 AM	Manik Pradhan S N Bose National Centre for Basic Sciences, Kolkata, India Cavity-enhanced absorption spectroscopy in gas and condensed phases: Applications to medical diagnosis
11.30 AM - 11.40 AM	High Tea



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Parallel Session – IVB

Chairpersons: Dr. Nandkishor N. Karade and Dr. Bhoomika Patel

PL-5 9.00 AM - 9.30 AM	Athina Geronikaki Aristotle University, School of Pharmacy, Thessaloniki, Greece Dithioloquinolinethiones as new potential multitargeted antibacterial and antifungal agents: synthesis, biological evaluation and molecular docking studies
IL-24 9.30 AM - 9.50 AM	Namrata Rastogi Scientist, Medicinal & Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, India Hantzsch Ester Mediated Reactions under Visible Light Irradiation
IL -25 9.50 AM - 10.10 AM	Shovan Mandal Assistant Professor in Chemistry, Syamsundar College, Shyamsundar, Burdwan, India Palladium-Catalyzed Synthesis of Sulfur Heterocycles and Their Biological Significance
IL -26 10.10 AM - 10.30 AM	Dina Nath Singh Associate Professor, Department of Chemistry, K.S.Saket PG College, Dr. RML Avadh University, Ayodhya, India Current Trends Leading to the Isolation of Novel Bioactive Lead Molecules for Drug Discovery from Medicinal Plants
IL -27 10.30 AM - 10.50 AM	Neelima Gupta Department of Chemistry, University of Rajasthan, Jaipur, India Computational Identification of Antiretroviral Drug Candidates through Recognition of HIV(type 1) Conserved Glycoprotein Sequence
IL -28 10.50 AM - 11.10 AM	Dinesh Kumar Yadav Assistant Professor, Department of Chemistry, Mohanlal Sukhadia University, Udaipur, India Graphene Oxide Promoted a Novel Multicomponent Reaction for the Synthesis of 3-Substituted Quinazolinones Using DMSO as One Carbon Source
IL -29 11.10 AM - 11.30 AM	Asha Jain Department of Chemistry, University of Rajasthan, Jaipur, India Synthesis and spectroscopic characterization of some organic-inorganic hybrid complexes of organotin(IV) incorporating the anti-microbial activity analysis
11.30 AM - 11.40 PM	High Tea



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Parallel Session-VA

Chairpersons: Dr. Sudhir Kumar Singh and Dr. Jigar Shah

PL-6 11.40 AM - 12.10 PM	Marco L. Lolli Assistant Professor in Medicinal Chemistry, Dept. Science and Drug Technology - University of Turin (UniTO), Italy Effective use of a bioisosteric toll based on hydroxyazolesystems to design inhibitors of <i>human</i>Dihydroorotate Dehydrogenase (<i>h</i>DHODH) and of other oncological targets
IL-30 12.10 PM - 12.30 PM	Virinder S. Parmar Bioorganic Laboratory, Department of Chemistry, University of Delhi (India); Department of Chemistry and Environmental Science, Medgar Evers College, The City University of New York, USA Natural products-inspired discovery and development of novel antifungal and antibacterial agents
IL-31 12.30 PM - 12.50 PM	Indresh Kumar Department of Chemistry, Birla Institute of Technology and Science, Pilani, India Linear dicarbonyls as suitable substrates for amine catalyzed transformations: Synthesis of medium-sized <i>N</i>-heterocyclic compounds
IL-32 12.50 PM - 1.10 PM	Deepthi Goyal Department of Chemistry, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab, India A multifunctional therapeutic approach: design, synthesis and identification of novel multitarget-directed ligands against Alzheimer's disease
IL-33 1.10 PM - 1.30 PM	Satpal Singh Badsara S Assistant Professor, MFOS Laboratory, Department of Chemistry (Centre of Advanced Study), University of Rajasthan, JLN Marg, Jaipur, Rajasthan, India Metal-Free Carbon-Sulfur and Phosphorus-Chalcogenides Bond Formations
1.30 PM - 2.30 PM	Lunch

Parallel Session - VB

Chairpersons: Prof. Mahesh Sharma, Dr. Babita Malik and Dr. Dipal Gandhi

IL-34 11.40 AM - 12.00 PM	Harsha Rajapakse Department of Chemistry and Environmental Science, Medgar Evers College, The City University of New York, Brooklyn, New York, USA Time gated Long-lifetime Lanthanide Luminescence to Study Dynamic Molecular Interactions with Improved Resolution
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<p>IL-35 12.00 PM - 12.20 PM</p>	<p>Dhananjay V Mane Professor in chemistry and Regional Director, Yashwantrao Chavan Maharashtra Open University, Nashik, India</p> <p>Development and Validation of Analytical Methods for drugs used in treatment of Alzheimer's (Memantine HCl) and Depression Disease (Nortriptyline HCl)</p>
<p>IL-36 12.20 PM - 12.40 PM</p>	<p>Hitendra. M. Patel Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India</p> <p>Impact of Green matrix towards the Expansion of Miscellaneous Heterocyclic Scaffolds and their Biological significance</p>
<p>IL-37 12.40 PM - 1.00 PM</p>	<p>Ravi P. Singh Department of Chemistry, Indian Institute of Technology-Delhi, New Delhi, India</p> <p>Organo and Photoredox Catalysis for C-C bond formation</p>
<p>IL-38 1.00 PM - 1.20 PM</p>	<p>Ram Sagar Misra Associate Professor, Department of Chemistry, Banaras Hindu University, Varanasi, India</p> <p>Stereoselective Synthesis of Natural Product Inspired New Bioactive Glycohydrids</p>
<p>IL-39 1.20 PM - 1.40 PM</p>	<p>Alka Sharma Centre of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur, India</p> <p>GREEN NANO MATERIALS FOR SUSTAINABILITY</p>
<p>1.40 PM - 2.30 PM</p>	<p>Lunch</p>

Parallel Session – VIA

Chairpersons: **Dr. Rajiv Sharma and Dr. Snehal Patel**

<p>PL-7 2.20 PM - 2.50 PM</p>	<p>Kottawa Gamage Anoja Priyadarshani Attanayake Head and Senior Lecturer, Department of Biochemistry, Faculty of Medicine, University of Ruhuna, Karapitiya, Galle, Sri Lanka</p> <p>Nano-encapsulation in herbal nutraceutical applications</p>
<p>IL-40 2.50 PM - 3.10 PM</p>	<p>Mandar Bodas Solution Consultant, Research Solutions - Life Sciences, Elsevier, India</p> <p>Role of Elsevier Life Science Solutions in Drug Discovery Process</p>



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<p>IL-41 3.10 PM - 3.30 PM</p>	<p>Arun K. Sinha Medicinal and Process Chemistry Division, C.S.I.R- Central Drug Research Institute, Lucknow, India</p> <p>An Innovation Process and Concerns of Green Chemistry: Natural-product-inspired Pot-economy Synthesis of Small Molecules of Biological and Industrial Relevance</p>
<p>IL-42 3.30 PM - 3.50 PM</p>	<p>Vikas Tyagi School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala, Punjab, India</p> <p>Development of green methodologies in organic synthesis</p>
<p>O-1 3.50 PM - 4.00 PM</p>	<p>Nigam M. Mishra Department of Pharmaceutical Sciences, UNT System College of Pharmacy, University of North Texas Health Science Center, Fort Worth, TX, USA</p> <p>Asymmetric syntheses identify preferred stereochemistry in small molecule allosteric modulators of the neuropeptide Y4 receptor</p>
<p>O-2 4.00 PM - 4.10 PM</p>	<p>Rahul Shivahare Division of Molecular Parasitology and Immunology and 2Division of Medicinal and Process Chemistry, CSIR-Central Drug Research Institute, Lucknow, India</p> <p>Strategies for Antileishmanial Drug Development: De novo Drug Discovery and Drug Repurposing</p>
<p>O-3 4.10 PM - 4.20 PM</p>	<p>Banoth Karan Kumar Medicinal Chemistry Research Laboratory, Department of Pharmacy, BITS Pilani, Pilani Campus, Pilani, Rajasthan, India</p> <p>In-silico target identification of novel anti-leishmanial β-carboline analogues</p>
<p>O-4 4.20 PM - 4.30 PM</p>	<p>Komal M. Vyas Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, Gujarat, India</p> <p>Versatile Arene-Ruthenium(II)-Phosphine Complexes: From Green Catalysts for Hydration of Nitriles to Anticancer Agents</p>
<p>4.30 PM - 4.40 PM</p>	<p>Tea</p>

Parallel Session – VIB

Chairpersons: Dr. Anand S. Aswar and Dr. Mohit Shah

<p>IL-43 2.20 PM - 2.40 PM</p>	<p>Rachna Sadana Assistant Professor of Biology and Biochemistry, Department of Natural Sciences, University of Houston-Downtown, One Main Street, Houston, TX, USA</p> <p>Strategies to Engage Undergraduates in Meaningful STEM Research</p>
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<p>IL-44 2.40 PM - 3.00 PM</p>	<p>Bhupesh Goyal Assistant Professor, School of Chemistry & Biochemistry, Thapar Institute of Engineering & Technology (Deemed to be University), Patiala, Punjab, India</p> <p>Computational screening of potential inhibitors against β_2m aggregation in Dialysis-related amyloidosis</p>
<p>IL-45 3.00 PM - 3.20 PM</p>	<p>Ramendra Pratap Department of Chemistry, University of Delhi, North campus, New Delhi, India</p> <p>Synthesis of various carbocycles and heterocycles from functionalized benzyl cyanide</p>
<p>IL-46 3.20 PM - 3.40 PM</p>	<p>Devdutt Chaturvedi Head, Department of Chemistry, School of Physical Sciences, Mahatma Gandhi Central University (MGCU), Motihari, Distt.: East Champaran, BIHAR, India</p> <p>Carbon disulfide: Greener syntheses for biologically potent scaffolds</p>
<p>O-5 3.40 PM - 3.50 PM</p>	<p>Molisha Soni Department of Pharmacology, Institute of pharmacy Nirma University, Ahmedabad, India</p> <p>EVALUATION OF <i>EUPHORIA LONGANA</i> IN ORAL CANCER INDUCED RATS ASSOCIATED WITH TYPE II DIABETES MELLITUS</p>
<p>O-6 3.50 PM - 4.00 PM</p>	<p>Malek Mohammed Abrar Hafijmiya Department of Industrial Chemistry, VP & RPTP Science College. Vallabh Vidyanagar, Anand, Gujarat, India</p> <p>DIVERSE STRATEGIES TO BOOST UP SOLUBILITY OF POOR WATER SOLUBLE DRUGS - A REVIEW</p>
<p>O-7 4.00 PM - 4.10 PM</p>	<p>Pratibha Yadav Centre for Rural Development and Technology, IIT Delhi, Hauz Khas, New Delhi, India</p> <p>Transformation of Different Sulfides to its Sulfoxide by a Plant Peroxidase</p>
<p>O-8 4.10 PM - 4.20 PM</p>	<p>Kamna Goel School of Chemical Sciences, Central University of Gujarat, Gandhinagar, Gujarat, India</p> <p>Synthesis and <i>in vitro</i> pharmacological characterization of pyrimidinium ionic liquids</p>
<p>O-9 4.20 PM - 4.30 PM</p>	<p>Balaram S. Takale Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Mumbai, India</p> <p>Highly sustainable approach towards synthesis of pharmaceutically relevant molecules</p>
<p>4.30 PM - 4.40 PM</p>	<p>Tea</p>



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Parallel Session – VII A

Chairpersons: Prof. Man Singh and Dr. Dhavit Parikh

PL-8 4.40 PM - 5.10 PM	Laurent El Kaim Laboratoire de Synthèse Organique, Ecole Polytechnique, Palaiseau, France Post-condensations of Ugi adducts: a step towards higher diversity
IL-47 5.10 PM - 5.30 PM	Sunil Jambhekar Professor of Pharmaceutical Sciences, LECOM School of Pharmacy, 5000 Lakewood Ranch Boulevard Bradenton, Florida, USA Abstract Awaited
IL-48 5.30 PM - 5.50 PM	Surendra Singh Assistant Professor, Dept. of Chemistry, University of Delhi, Delhi, India Development of Chiral catalysts for Asymmetric Organic Reactions
O-10 5.50 PM - 6.00 PM	Prem Kumar Kushwaha Department of Chemistry, Birla Institute of Technology Mesra, Ranchi, India Synthesis of Therapeutic significant oxadiazole analogs and its crystallographic studies
O-11 6.00 PM - 6.10 PM	Nisha Kumari Department of Chemistry, Birla Institute of Technology, Mesra, Ranchi, India Studies on Moringa based flocculant for the treatment of wastewater
O-12 6.10 PM - 6.20 PM	Rajat Kumar Pandey Department of Pharmaceutics, School of Pharmaceutical Sciences, Shoolini University, Solan, HP, India Synthesized and computational prediction of furfuraldehyde-sulfonamide Schiff base compounds and their antibacterial activity

Parallel Session – VII B

Chairpersons: Prof. Hitesh D. Patel and Dr. Bhumika Patel

IL-49 4.40 PM - 5.00 PM	Sartaj Tabassum Department of Chemistry, Aligarh Muslim University, Aligarh, India New Metal Based Pharmaceuticals, Structural Characterisation and their Anti-cancer activity
IL-50 5.00 PM - 5.20 PM	Prakash C. Jha Associate Professor & Chairperson, Centre for Applied Chemistry, Central University of Gujarat, Gandhinagar, India Druggable Space beyond the rule of 5



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IL-51 5.20 PM - 5.40 PM	Nighat Fahmi Department of Chemistry, University of Rajasthan, Jaipur, Rajasthan, India Evaluation of Antimicrobial, DNA cleavage and anticancer activities of transition metal Schiff base complexes
O-13 5.40 PM - 5.50 PM	Raj Kumar Das School of Chemistry and Biochemistry, Thapar Institute of Engineering and Technology, Patiala, India Metal-Organic Frameworks as New General Catalyst for Electrochemical Water Splitting
O-14 5.50 PM - 6.00 PM	Lata Rani Department of Chemistry, Indian Institute of Technology Gandhinagar, Gandhinagar, Gujarat, India Conformational influences of Phosphorylation and O-GlcNAcylation on Proline-rich domain of Tau
O-15 6.00 PM - 6.10 PM	Riya Sailani Department of Chemistry, University of Rajasthan, Jaipur, India ENTHALPY-ENTROPY COMPENSATION (EEC) EFFECT IN REDOX KINETICS BETWEEN PARA-SUBSTITUTED ANILINE AND PEROXOMONOSULFATE IN ACIDIC MEDIUM

Poster Session -II

Chairpersons: Dr. Brijesh Kumar Srivastava, Dr. Jawahar Lal and Dr. Pradeep Srivastava

6.20 PM – 8.00 PM	Poster Session -II (Poster Numbers 125 onwards)
8.00 PM	Dinner



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Friday, January 24, 2020

Parallel Session –VIII A

Chairpersons: Prof. Diwan Singh and Dr. Charmy Kothari

PL-9 9.00 AM – 9.30 AM	Vassilios Papadopoulos Dean, School of Pharmacy, John Stauffer Dean's Chair in Pharmaceutical Sciences. Professor of Pharmacology & Pharmaceutical Sciences, University of Southern California, Los Angeles, California, USA Understanding the biology and designing new therapeutic approaches for the treatment of male hypogonadism
IL-52 9.30 AM - 9.50 AM	Ravindra Kumar Scientist, CSIR-Central Drug Research Institute, Lucknow, India Catalytic and Enantioselective Synthesis of Benzoxasiloles: Direct Application to (R)-Orphenadrine and (S)-Neobenodine
IL-53 9.50 AM - 10.10 AM	Asit K. Chakraborti Professor and Head, Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), S. A. S. Nagar, Punjab, India Integrating Sustainable Chemistry in Pharmaceutical Research: Novel Transition Metal-free Approaches for Drug Discovery and Development
IL-54 10.10 AM -10.20 AM	Tejal Mehta Dept. of Pharmaceutics, Institute of Pharmacy, Nirma University, Ahmedabad, India Nanocrystal Based Topical Formulations for the Treatment of Fungal Infections
O-16 10.20 AM -10.30 AM	Vikki N. Shinde Department of Chemistry, BITS Pilani, Pilani Campus, Pilani, Rajasthan, India Design and Syntheses of Palladium Complexes of NNN/CNN Pincer Ligands for Catalytic Dehydrogenative Cross-Coupling of Heteroarenes
O-17 10.30 AM -10.40 AM	Pidiyara Karishma Department of Chemistry, Birla Institute of Technology & Science, Pilani, Rajasthan, India Ruthenium Catalyzed C-H Acylmethylation of N-Arylphthalazine-1,4-diones with α-Carbonyl Sulfoxonium Ylides: Highway to Diversely functionalized Phthalazino-fused Cinnolines
O-18 10.40 AM -10.50 AM	Saroj Yadav Department of Chemistry, University of Delhi, North Campus, Delhi, India Agreen synthesis of multifunctional thieno(3,2-c)pyran-4-ones from 2-pyranones
O-19 10.50 AM -11.00 AM	Bhumika D. Patel Department of Pharmaceutical Chemistry, Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat, India 3D-QSAR and Ligand Based Pharmacophore Modelling of Poly ADP-Ribose Polymerase 1 (PARP1) Inhibitors



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11.00 AM - 11.20 AM	High Tea
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Parallel Session –VIII B

Chairpersons: Prof. Dalip Kumar and Ms. Palak Parikh

IL-55 9.00 AM – 9.20 AM	Sanjib Bhattacharyya Department of Pharmaceutical Science and Chinese Traditional Medicine, Southwest University, 2 Tiansheng Rd, Beibei Qu, Chongqing Shi, China Meeting the neurodegenerative disease at the junction of chemical, biological and behavioral science
IL-56 9.20 AM - 9.40 AM	T. Narender Principal Scientist, Medicinal and Process Chemistry Division , CSIR-Central Drug Research Institute, Lucknow, India CHEMICAL AND BIOLOGICAL EXPLORATION OF INDIAN MEDICINAL PLANTS FOR HUMAN HEALTH CARE
IL-57 9.40 AM - 10.00 AM	Sushil Kumar Maurya Natural Product Chemistry and Process Development Division, CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh, India DIVERSITY ORIENTED SYNTHESIS APPROACH FOR MACROCYCLES
IL-58 10.00 AM - 10.20 AM	Rodney A. Fernandes Professor, Chemistry Department, IIT Bombay, Powai Mumbai, India Unique Rearrangements of β-Aryloxyacrylates and δ-Hydroxy-alkynones Under Mild Acid Catalysis
IL-59 10.20 AM - 10.30 AM	Niyati Acharya Dept. of Pharmacognosy, Institute of Pharmacy, Nirma University, Ahmedabad, India Beneficial effects of Bergenin in Alzheimer's disease: In silico, in vitro and invivo evaluation
O-20 10.30 AM - 10.40 AM	Areeg Anwer Ali Department of Clinical Pharmacy and Pharmacology, Rak College of Pharmaceutical Sciences, RAK Medical and Health Sciences University, Ras Al Khaimah, United Arab Emirates Assessment of Implementation of Antibiotic Stewardship Program in Surgical Prophylaxis at a Secondary Care Hospital in Ras Al Khaimah, United Arab Emirates
O-21 10.40 AM - 10.50 AM	Ankita Rai School of Physical Sciences, Jawaharlal Nehru University, New Delhi, India FACILE Cu (I)-INDUCED ACTIVATION OF FURAN TO [4+2] AZA-DIELS-ALDER REACTION FOR SYNTHESIS OF TETRAHYDROPYRIDINES



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O-22 10.50 AM - 11.00 AM	Bintu Kumar Department of Chemistry, Birla Institute of Technology and Science, Pilani, India Regioselective Synthesis and Photophysical Studies of Triazolyl Boron-dipyrrromethene Complexes
11.00 AM - 11.20 AM	High Tea

Parallel Session –IX A

Chairpersons: Dr. Ravindra V. Singh and Dr. Mayur Patel

IL-60 11.20 AM –11.40 AM	Saranjit Singh Dean Professor & Head, Pharmaceutical Analysis, National Institute of Pharm. Education & Research, NIPER, S.A.S. Nagar (Mohali), India Model Informed Precision Dosing for Pediatric Population
IL-61 11.40 AM - 11.50 AM	Priti Mehta Dept. of Pharmaceutical Analysis, Institute of Pharmacy, Nirma University, Ahmedabad, India Human space medicine: stability issues with case studies and countermeasures
O-23 11.50 PM - 12.00 PM	Pratibha Singh MFOS Laboratory, Department of Chemistry (Centre of Advanced Study), University of Rajasthan, Jaipur, Rajasthan, India Substrate-switched dual functionalization of alkenes: catalyst-free synthetic route for β-hydroxy and β-ketothioethers
O-24 12.00 PM - 12.10 PM	Jobin Jose Department of Pharmaceutics, NITTE Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, NITTE Deemed-to-be University, Mangalore, India DEVELOPMENT, CHARACTERIZATION AND EVALUATION OF SOLID LIPID NANO PARTICLES OF ALOE VERA
O-25 12.10 PM - 12.20 PM	Amol Prakash Pawar Department of Chemistry, BITS, Pilani, Rajasthan, India Enantio- and Diastereoselective Two-Pot Synthesis of Isoquinuclidines from Glutaraldehyde and N-Aryl Imines with DFT-Calculations
O-26 12.20 PM - 12.30 PM	Anu Manhas School of Chemical Sciences, Central University of Gujarat, Gandhinagar, Gujarat, India A novel attempt to explore the pharmacophoric space of the enzymatic proteome of <i>Plasmodium falciparum</i> using multicomplex-based pharmacophore modeling
O-27 12.30 PM - 12.40 PM	Chandralata Bal Department of Chemistry, Birla Institute of Technology, Mesra, Ranchi, India Synthesis of Entecavir-Aristeromycin Hybrid Scaffold as anti-HBV Agents



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<p>O-28 12.40 PM - 12.50 PM</p>	<p>Rekha Bai MFOS Laboratory, Department of Chemistry (Centre of Advanced Study), University of Rajasthan, Jaipur, Rajasthan, India</p> <p>Highly Atom-Economic, Catalyst-free, and Solvent-free Phosphorylation of Chalcogenides</p>
<p>O-29 12.50 PM - 1.00 PM</p>	<p>Mohd Jubair Aalam Department of Chemistry, University of Delhi, Delhi, India</p> <p>Development of Modified MacMillan based Ionic liquids as organocatalyst for Asymmetric Friedel-Crafts Reaction</p>

Parallel Session –IX B

Chairpersons: Prof. Athina Geronikaki and Dr. Nrupesh Patel

<p>IL-62 11.20 AM - 11.40 AM</p>	<p>Siddharth Sharma Assistant Professor, Department of Chemistry, Mohanlal Sukhadia University, Udaipur, India</p> <p>Isocyanide Insertion Reactions: Our Findings</p>
<p>IL-63 11.40 AM - 11.50 AM</p>	<p>Jigna Shah Dept. of Pharmacology, Institute of Pharmacy, Nirma University, Ahmedabad, India</p> <p>Involvement of PTEN expression in antitumour activity of febuxostat against 4-Nitro quinolone induced oral cancer in rats</p>
<p>O-30 11.50 AM - 12.00 PM</p>	<p>Faraz Shaikh Department of Computer and Information Science, University of Macau</p> <p>LigTMap: Ligand and Structure-Based Target Identification and Activity Prediction for Small Molecules</p>
<p>O-31 12.00 PM - 12.10 PM</p>	<p>Dinesh Kumar School of Chemical Sciences, Central University of Gujarat, Gandhinagar, India</p> <p>Visual Detection of Aqueous Health Hazard Ions</p>
<p>O-32 12.10 PM - 12.20 PM</p>	<p>Jignesh P. Raval The Mandvi Education Society Science College (TMES), Mandvi, Gujarat, India</p> <p>Ultrasound promoted synthesis of Novel benzothiazinone derivatives and its pharmacological evolution</p>
<p>O-33 12.20 PM - 12.30 PM</p>	<p>Ravi Pal Center for DNA fingerprinting and diagnostics, Hyderabad, Telangana, India</p> <p>PPE2: a blessing in disguise</p>



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<p>O-34 12.30 PM - 12.40 PM</p>	<p>Anurag Zaveri Department of Biotechnology, KadiSarvaVishwaVidyalaya, Gandhinagar, India</p> <p>Isolation, screening and molecular characterization of multidrug resistant organisms, to screen and identify carbapenem producers, from operation theaters and Intensive Care Units of Ahmedabad</p>
<p>O-35 12.40 PM - 12.50 PM</p>	<p>Ruby Kharwar Ashok and Rita Patel Institute of Integrated Study and Research in Biotechnology and Allied Sciences (ARIBAS), New Vallabh Vidyanagar, India</p> <p>8-HYDROXYQUINOLINE-SULFONAMID HYBRIDE LIGAND AND ITS METAL CHELATES: SYNTHESIS, CHARACTERIZATION, <i>IN SILICO</i> ADMET, <i>IN VITRO</i> ANTIMICROBIAL, DNA INTERACTION AND MOLECULAR DOCKING STUDIES</p>
<p>O-36 12.50 PM - 1.00 PM</p>	<p>Vishnu Prabhakar Srivastava National Sugar Institute, Kanpur, Uttar Pradesh, India</p> <p>Direct Use of Sugarcane bagasse derived hemicellulose hydrolysate for the synthesis of C-glycosyl derivatives by the Lubineau Reaction</p>
<p>O-37 1.00 PM - 1.10 PM</p>	<p>Khandhara Vraj M.Pharm in Regulatory Affairs, Department of Pharmaceutical Analysis Institute of Pharmacy, Nirma University, Ahmedabad, India</p> <p>REGULATORY COMPLIANCE MANAGEMENT OF TRANSDERMAL PATCHES</p>
<p>1.10 PM - 2.00 PM</p>	<p>Valedictory Session</p>
<p>2.00 PM - 3.00 PM</p>	<p>Lunch</p>

- End of Programme -