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FINAL LIST OF POSTERS

Poster Session: December 18-19, 2017

<p>Adesh Kumar Singh, Varsha Tiwari, Kunj Bihari Mishra, Surabhi Gupta and Jeyakumar Kandasamy* Department of Chemistry, Indian Institute of Technology, Banaras Hindu University, Varanasi-221005 <i>adeshbhums@gmail.com; jeyakumar.chy@itbhu.ac.in</i></p>	PP-01	<i>Urea–hydrogen peroxide prompted the selective and controlled oxidation of thioglycosides into sulfoxides and sulfones</i>
<p>Amarjyoti Das Mahapatra and Dr. Bhaskar Datta * Department of Chemistry, Indian Institute of Technology, Gandhinagar, Gujarat, India <i>amarjyoti.mahapatra@iitgn.ac.in</i></p>	PP-02	<i>Design, Synthesis, Molecular Docking Analysis and in vitro Biological Evaluations Against Human Carbonic Anhydrase Ix of Novel N-Substituted-β-D-Glucosamine Sulfonylurea Derivatives</i>
<p>Anirban Adak, Anirban Bera, Debasish Pal, Balaram Mukhopadhyay Sweet Lab, Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur, Nadia 741246 <i>sugarnet73@hotmail.com</i></p>	PP-03	<i>Total Chemical Synthesis of the Pentasaccharide Repeating Unit of the O-antigen from E. coli O156</i>
<p>Ankita Mitra, Vikramjit Sarkar, Balaram Mukhopadhyay Department of Chemical Sciences, Indian Institute of Science Education Research (IISER) Kolkata, Mohanpur - 741 246 <i>sugarnet73@hotmail.com</i></p>	PP-04	<i>Simple Carbohydrate-Derived Multifunctional Gels</i>
<p>Aritra Chaudhury, Balaram Mukhopadhyay Sweet Lab, Department of Chemical Sciences Indian Institute of Science Education and Research (IISER) Kolkata, Mohanpur, Nadia 741246 <i>rijuchaudhury@gmail.com; sugarnet73@hotmail.com</i></p>	PP-05	<i>Bacterial rare Sugar Derivatives: Recent developments and future prospects</i>
<p>Arpita Srivastava, Naveen K. Khare, Desh Deepak.* Department of Chemistry, University of Lucknow, Lucknow – 226016. <i>deshdeepakraju@rediffmail.com</i></p>	PP-06	<i>Role of Mass Spectrometry over NMR for the Structure Elucidation of Glycosides and Oligosaccharides</i>
<p>Arya Ajay, Divya Mishra, Rehana Khan, Uday R. Singh and Naveen K. Khare* Department of Chemistry, University of Lucknow, Lucknow-226007, India <i>nkhare58@gmail.com</i></p>	PP-07	<i>Synthesis of C-1 Functionalized Glycals: Preorganized Synthons in Carbohydrate Chemistry for the Stereoselective Construction of Biologically Relevant Heteryl-C-Glycosides</i>

<p>Ashrukana Das, Swagata Dasgupta*, Tanmaya Pathak* Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur 721302, India tpathak@chem.iitkgp.ernet.in; swagata@chem.iitkgp.ernet.in</p>	PP-08	<i>1,4- and 1,5-Disubstituted-1,2,3-Triazolylated-Carbohydrates as Inhibitors of Ribonuclease A</i>
<p>Atul Dubey, Rekha Sangwan, Javed and Pintu Kumar Mandal* Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, BS-10/1, Sector 10, Jankipuram extension, Sitapur Road, Lucknow, 226 031, India; atuldubey164@gmail.com; pintuchem06@gmail.com</p>	PP-09	<i>Organocatalytic [3+2] Cycloadditions: Toward Facile Synthesis of Sulfonyl and fully Substituted 1,2,3-Triazolyl Glycoconjugates</i>
<p>Bhagat Ram, Ghanshyam S. Chauhan* Department of Chemistry, Himachal Pradesh University, Shimla, India – 171005 ghanshyamschauhan@gmail.com; Bhagatthakur070@gmail.com</p>	PP-10	<i>New Spherical Nanocellulose Based Chemo-sensor for Hexavalent chromium ions</i>
<p>Dharamender kumar¹, Ghanshyam S. Chauhan² Himachal Pradesh University, Department of Chemistry, Shimla– 171005, HP. ghanshyam_in2000@yahoo.com; dharamender444@gmail.com</p>	PP-11	<i>Bio-waste Driven Superhydrophobic Sponges for Oil-water Mixture Separation</i>
<p>Divya Mishra and Naveen K. Khare* Department of Chemistry, University of Lucknow, Lucknow-226007, India nkhare58@gmail.com</p>	PP-12	<i>Synthesis of oligosaccharide unit from fruiting bodies of Agaricus bisporus with immense biological activities</i>
<p>Geeta Karki, Harikesh Kumar and Pintu Kumar Mandal* Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, 226 031, India karki.geeta@gmail.com; pintuchem06@gmail.com</p>	PP-13	<i>Synthesis of the Pentasaccharide Moiety of Starfish Asterosaponin Luidiaquinoside and its Conformational Analysis</i>
<p>Harikesh Kumar, Geeta Karki, Remya Rajan, Pintu Kumar Mandal* Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, 226031, India harikeshc2@gmail.com; pintuchem06@gmail.com</p>	PP-14	<i>Synthesis of a Tetrasaccharide Repeating Unit of the O-antigen of Escherichia Coli o163</i>
<p>K. Soundarajan and T. Mohan Das* Department of Chemistry, Central University of Tamil Nadu, Thiruvavur-610 005, India tmohandas@cutn.ac.in</p>	PP-15	<i>Synthesis and Characterization of Novel Class Of N²-N³-(β-D-Glucopyranosyl)-2-/3-Aminoquinoline Derivatives and Studies on Their Solvent-Controlled Self-Assembly</i>
<p>Kshipra Sen and Kalpana Chauhan* School of Chemistry, Shoolini University, Solan 173229, India kalpana13chauhan@gmail.com</p>	PP-16	<i>Starch Based Colorimetric Sensors for Naked-eye Detection of Fluoride ion</i>
<p>Kumares Sarkar, Amitabha Bose and Tanmaya Pathak* Department of Chemistry, IIT Kharagpur, Kharagpur- 721302, India sarkarkumares11@gmail.com; tpathak@chem.iitkgp.ernet.in</p>	PP-17	<i>A Metal-free Route to the Regioselective Synthesis of Carbohydrate- based Disubstituted 1,2,3-Triazoles via 1,3-Dipolar Cycloaddition Reactions of Vinyl Sulfones and Organic Azides</i>

<p>Mukta Shaw and Amit Kumar* Department of Chemistry, Indian Institute of Technology Patna, Bihar 801106, India muktashaw07@gmail.com; mukta.pch15@iitp.ac.in</p>	<p>PP-18</p>	<p><i>Cooperative Organocatalysis for the Synthesis of O-Glycosides Using Trichloroacetimidates as Glycosyl Donor</i></p>
<p>Mukul Mahanti 1, Kumar Bhaskar Pal1, Ulf J Nilsson1* 1Centre for Analysis and Synthesis, Department of Chemistry Lund University, 22100 Lund, Sweden ulf.nilsson@chem.lu.se</p>	<p>PP-19</p>	<p><i>Metal Free and Selective Mono N-Arylation of Amino Sugars</i></p>
<p>Mukul R. Gupta and Naveen K. Khare* Department of chemistry, University of Lucknow, Lucknow 226007, India nkhare58@gmail.com</p>	<p>PP-20</p>	<p><i>CeCl₃.7H₂O-NaI and L-Proline mediated propargylation: A novel stereoselective synthesis of α-2-deoxy propargyl glycoside from glycal</i></p>
<p>Narender Yadav, K. P. Ravindranathan Kartha* Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), S.A.S. Nagar, Punjab, India rkartha@niper.ac.in</p>	<p>PP-21</p>	<p><i>Neomycine-Triazole-Ricinoleic Acid Conjugates as Potential Antimicrobial Agents</i></p>
<p>Pampa Mondal, Swagata Dasgupta*, Tanmaya Pathak* Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur 721302, India tpathak@chem.iitkgp.ernet.in; swagata@chem.iitkgp.ernet.in</p>	<p>PP-22</p>	<p><i>RNase A inhibition by 1,4-Disubstituted-1,2,3-triazolylated-Thymidines</i></p>
<p>Pousali Samanta, Dibakar Dhara* Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur 721302, India samantapousali.19@gmail.com</p>	<p>PP-23</p>	<p><i>Temperature, pH and Redox Responsive Cellulose Based Hydrogels for Protein Delivery</i></p>
<p>Rajesh Gour, K. P. Ravindranathan Kartha* Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), S.A.S. Nagar, Punjab, India rkartha@niper.ac.in</p>	<p>PP-24</p>	<p><i>1,2,3-Triazolyl-Glycoconjugates of Dihydroartemisinin as Potential Anticancer Agents</i></p>
<p>Rajesh Maiti, Tanmaya Pathak* Department of Chemistry, IIT Kharagpur, Kharagpur-721302, India rmaiti15292@gmail.com; tpathak@chem.iitkgp.ernet.in</p>	<p>PP-25</p>	<p><i>1,3-Diyne-linked Carbohydrates and Further Synthetic Transformations</i></p>
<p>Rekha Sangwan and Pintu Kumar Mandal* Medicinal and Process Chemistry Division, CSIR-Central Drug Research Institute, Lucknow, 226031, India. rekhasangwan29@gmail.com; pintuchem06@gmail.co</p>	<p>PP-26</p>	<p><i>MCRs for the Synthesis of Structurally Diverse Sugar-Derived Azridinyl-Tetrazoles</i></p>
<p>Rituparna Das, Balaram Mukhopadhyay Sweet Lab, Department of Chemical Sciences, Indian Institute of Science Education and Research Kolkata, Mohanpur, Nadia 741246 ritu_iiser@yahoo.com; sugarnet73@hotmail.com</p>	<p>PP-27</p>	<p><i>Applications of Carbohydrate Multivalency</i></p>
<p>Sandeep Kumar, Neha Rana, Pallavi Rungta and Ashok K. Prasad* Bioorganic Laboratory, Department of Chemistry, University of Delhi, Delhi-110 007, India ashokenzyme@gmail.com</p>	<p>PP-28</p>	<p><i>Synthesis of C-4'-hydroxy tetrahydrofurano-spiro-nucleosides</i></p>

<p>Santu Maity and Jhuma Ganguly Department of Chemistry, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103, India <i>santumaity77@gmail.com; jhumaiest@gmail.com</i></p>	<p>PP-29</p>	<p><i>Development of Nanotube Assembly of Sugar Based Hydrogel with extended Fluorescence Lifetime and Application in Live Cell Imaging</i></p>
<p>Sapana Kumari¹ and Ghanshyam S. Chauhan² ¹RNT Govt. College Sarkaghat, Mandi- 175024, Himachal Pradesh, India, ²Department of Chemistry, Himachal Pradesh University, Summer Hill, Shimla, Himachal Pradesh, India-171005 <i>naddasapana@gmail.com</i></p>	<p>PP-30</p>	<p><i>Oxidized-Cellulose for Ph-Responsive in vitro Release of Pramipexole</i></p>
<p>Soumen Chakraborty and Dipakranjan Mal* Department of Chemistry, Indian Institute of Technology Kharagpur, Kharagpur, 721302, India <i>soumen.iitkgp12@gmail.com</i> <i>dmal@chem.iitkgp.ernet.in.</i></p>	<p>PP-31</p>	<p><i>A Representative Synthetic Route for C5 Sugar Appended Angucycline Related to Mayamycin</i></p>
<p>Sunita Ranote¹, Veena Joshi and Ghanshyam S. Chauhan² ¹Department of Chemistry, H.N.B. Garhwal University, SRT Campus BadshahiThaul, Tehri-Garhwal, Uttarakhand, India-249199. ²Department of Chemistry, Himachal Pradesh University, Summer Hill, Shimla, Himachal Pradesh, India-171005. <i>ghanshyam_in2000@yahoo.com;</i> <i>ghanshyamschauhan@gmail.com</i></p>	<p>PP-32</p>	<p><i>Moringa Oleifera Gum-Based Polyurethane Foam Braced with Ash for Dye Removal</i></p>
<p>Uday R. Singh, Arya Ajay, Rehana Khan, Divya Mishra and Naveen K. Khare* Department of Chemistry, University of Lucknow, Lucknow-226007, India <i>nkhare58@gmail.com</i></p>	<p>PP-33</p>	<p><i>A Strategy for the Diastereoselective Synthesis of Quinazolinone based Hetryl-C-Glycosides</i></p>
<p>Varsha Tiwari, Jeyakumar Kandasamy* Department of Chemistry, Indian Institute of Technology (BHU), Varanasi. <i>varshatiwari269@gmail.com; jeyakumar.chy@itbhu.ac.in</i></p>	<p>PP-34</p>	<p><i>A Mild and Efficient TEMPO Catalysed Alcohol Oxidation Using HypervalentIodine (III) Reagent</i></p>
<p>Vineet Verma, Amit Kumar, Vinod Khatri and Ashok K. Prasad* Bioorganic Laboratory, Department of Chemistry, University of Delhi, Delhi-110 007 <i>ashokenzyme@gmail.com</i></p>	<p>PP-35</p>	<p><i>Sugar-Peg-Based Amphiphiles for Encapsulation and Stabilization of Indocyanine Green</i></p>