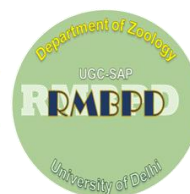




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**Health and Disease using 'Omics' Approach**  
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## Poster presentations Participants (Offline and Online)

(All offline posters should be displayed from the 24<sup>th</sup> morning, 11:00 AM to 25<sup>th</sup> evening 5:00 PM)

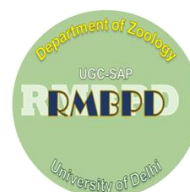
S.no.	Name of the presenter	Topic of the abstract	Mode
PP-1	Atheena Abhayakumar	In-Silico Analysis of Mycobacterium tuberculosis Protein: predicted to be a potential virulence factor	Online
PP-2	Nikita Aggarwal	Development of a Transcription Signature Based Biosensor for Prediction of HNSCC Treatment Outcome	Offline
PP-3	Amit	Antibiotics and Changing Human Gut Microbiome	Online
PP-4	Amrita Bakshi	Crosstalk between leptin system, sex steroids and reproduction in seasonally breeding teleost Channa punctata	Offline
PP-5	Apoorva Chaudhary	Standardization of Exosome Isolation using in-house PEG Based Method	Offline
PP-6	Suhail Chhakara	Homeopathic Preparations with Anti-Cervical Cancer and Anti-HPV Activity	Offline
PP-7	Arun Chhokar	Development of Novel STAT3 and HPV16 mRNA-based Detection Method for Early Detection of Progressive Cervical lesions	Offline
PP-8	Shreya Choudhuri	Design of Multi-epitope based T-cell specific Influenza Virus Vaccine - An immunoinformatic Approach	Online
PP-9	Kapil Dangi	Exploring the Combinatorial efficacy of Carboplatin and Gambogic acid (GA) on carboplatin-resistant triple-negative breast cancer (TNBC)	Offline
PP-10	Pukhrambam Pushpa Devi	Generation of full-length cDNA clones of negative-stranded RNA plant virus (GBNV) and its application in reverse genetics system	Offline
PP-11	N. Goswami	Computational screening and in vitro analysis of therapeutic potential of phytochemicals in neuroblastoma disease	Online





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<b>PP-12</b>	Anubha Gupta	In-silico Characterization of Gut Microbiome Proteins Involved in the Biosynthesis of Neurotransmitters Produced in Gut under Depression	Online
<b>PP-13</b>	S. R. R. Gupta	Using Microarray Data, Found Novel Link In The Hippo Pathway And Identified Cancer-Specific microRNAs To Cure Breast Cancer	Online
<b>PP-14</b>	Hadiya Husain	Curtailment of NDEA induced liver fibrosis involves modulation of CYP2b15, IL1RL2, RIC8A, Krt18 and HSP90b1 by pomegranate juice: A proteomic, bioinformatics and molecular approach	Online
<b>PP-15</b>	Divya Janjua	Investigating the Self-seeding Capacity of Circulating Tumor Cells in Cancer of Uterine Cervix Using Single Cell 'Omics' Approach	Offline
<b>PP-16</b>	Kritika	PE/PPE Proteins of Mycobacterium Tuberculosis Proteins Predicted to be Highly Disordered through In Silico Analysis: May Have Role in Virulence	Online
<b>PP-17</b>	Medha	Design of a T Cell specific multi-epitopic COVID-19 vaccine with a balanced interplay of cytokines response	Offline
<b>PP-18</b>	Parul Mittal	A bivalent analogue of Tacrine Based AChE inhibitor for theranostics of Alzheimer's disease	Offline
<b>PP-19</b>	R. Mukherji	Predicting SH3-like domains in the PE-PPE family proteins of Mtb. H37Rv: insights into tuberculosis pathogenesis	Online
<b>PP-20</b>	G. Nagar	Omics approach for screening, analysis, and predictional elucidation of deleterious missense mutation of ACVR1 gene	Online
<b>PP-21</b>	Karishma Niveria	Synthesis Of Amine Functionalized Mesoporous Silica Nanoparticles for Co-Delivery of Paclitaxel and Sirna Against Metastatic Breast Cancer	Offline
<b>PP-22</b>	Pragati Rathi	Isolation, Identification and Characterization of Cutaneous Mucosal Probiotics and Their Utilization in Synergism with Dietary Probiotics	Online

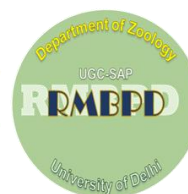






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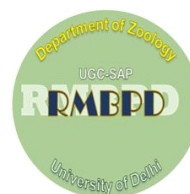
		for sustainable culture of <i>L. calbasu</i> (Hamilton, 1822)	
<b>PP-23</b>	Nitish Rawat	Antibiotic Resistance in 'Antibiotic-Free' Chickens: Is the Consumer Being Lied to?	Offline
<b>PP-24</b>	Benoy Sabu	Exploring the role of Cyclophilin as a potential player modulating GBNV interaction with its vector ( <i>Thrips palmi</i> )	Offline
<b>PP-25</b>	Priyanka Sathoria	Investigating the Possible Role of Asprosin in Teleostean Reproduction: A Preliminary Study in Spotted Snakehead	Offline
<b>PP-26</b>	Anna Senrunga	Assessment of Antiangiogenic Potential of Phytochemicals against Glioblastoma in an Ex-Ovo Model System	Offline
<b>PP-27</b>	Shakuntala	Investigating the Immunological Roles of Host Derived Heat Shock Proteins During Mycobacterial Infection	
<b>PP-28</b>	Manika Sharma	Design of peptide-based adjuvant linked with mrna and multi-stage expressing subunit vaccine for tuberculosis	Online
<b>PP-29</b>	Aarti Singh	Investigations Into The Role Of Toll Like Receptors During Mycobacterial Infection	
<b>PP-30</b>	Chandra Kant Singh	Effect of Irradiation on Gut Bacterial Microbiota of Partially Sterilized Noctuid Pest, <i>Spodoptera litura</i> (Fabricius) and its F1 Progeny	Offline
<b>PP-31</b>	Nisha Thakral	Bacteriological parameters of surface water with reference to water quality index	Online
<b>PP-32</b>	Kulbhushan Thakur	Understanding the Role of STAT3 Signaling in Human Papillomavirus Induced Cervical Cancer via 'Omics' Approach	Offline
<b>PP-33</b>	Tanya Tripathi	Development of Cancer Stem Cell-targeted Therapy against Cervical Cancer	Offline
<b>PP-34</b>	Joni Yadav	Transcriptome Analysis of Head and Neck Cancer Exosomes Using "Omics" Approach	Offline
<b>PP-35</b>	Parul Bhatt	Immunoinformatics – A New Perspective to Design an Adjuvanted Vaccine for Tuberculosis Using Dormancy Antigens	Offline





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<b>PP-36</b>	Kushneet Kaur	A Bioinformatics Approach to Reveal Core Genes and Molecular Pathways Shared by Cutaneous and Uveal Melanoma.	Offline
<b>PP-37</b>	Kamakshi Singh	In-silico Design of Multi Epitope Based T-cell specific Influenza Virus Vaccine - An Immunoinformatic approach	Offline
<b>PP-38</b>	Shreya Taluja	Assessing the Clinical Relevance of Gastric Cancer Cell Lines as Tumor Models by Identifying Core Genes and miRNAs involved in EMT Metastasis Pathway	Offline
<b>PP-39</b>	Uma Bharti Sahu	Characterization of Insulin-like Growth Factor 1 (IGF-1) and its Role in Regulation of Gonadal Development in the Indian Freshwater Catfish, <i>Heteropneustes fossilis</i>	Offline
<b>PP-40</b>	Kumari Ila	Characterization of Vitellogenin Receptor and its expression in the ovary of Indian Freshwater Murrel, <i>Channa punctatus</i>	Offline
<b>PP-41</b>	Dr. Kiran Bala	Evaluating the role of gut microbiota as possible biomarkers for gastric cancers	Online
<b>PP-42</b>	Dr. Sushma Sharma	Role of Microbiome in Autoimmune diseases	Online
<b>PP-43</b>	Deepika Tripathi	Opportunities and Challenges in Metal Oxide Nanoparticles for Biomedical Applications: A Recent Review	Online

**NOTE:** All posters (Offline and Online) will be evaluated by evaluation committee members on 24<sup>th</sup> February, 2022 (1:00 pm to 2:00 pm) and on 25<sup>th</sup> February, 2022 (1:00 pm to 2:00 pm).

