

**UGC – Human Resource Development Centre  
Jawaharlal Nehru University, New Delhi**

**24<sup>th</sup> Refresher Course in Life Sciences & Biotechnology  
19<sup>th</sup> August to 30<sup>th</sup> August, 2019**

**Course coordinators:**

**Prof. Rakesh K. Tyagi**

Special Centre for Molecular Medicine, JNU

Email: rkt2300@mail.jnu.ac.in , rktyagi@yahoo.com

**Dr. Ranjana Arya**

School of Biotechnology, JNU

Email: ranjanaa@mail.jnu.ac.in , [arya.ranjana24@gmail.com](mailto:arya.ranjana24@gmail.com)

**List of Resource Persons**

<b>Name</b>	<b>Topic</b>	<b>Contact Details</b>
Dr. Niranjan Chakraborty	<i>“Understanding plant response to stress: turning knowledge into application”</i>	National Institute of Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067 Email: nchakraborty@nipgr.ac.in, nchakraborty@hotmail.com
Prof. Rana P. Singh	<i>“Cancer Chemo Prevention”</i>	Rector - 3 Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:ranaps@hotmail.com">ranaps@hotmail.com</a>
Prof. Pawan Dhar	<i>“Synthetic Biology”</i>	Dean School of Biotechnology Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:pawandhar@mail.jnu.ac.in">pawandhar@mail.jnu.ac.in</a>
Dr. Rita Singh	<i>“Polycystic ovary syndrome: Challenges in the Diagnosis and Maintenance of Fertility”</i>	Department of Zoology University of Delhi Email: <a href="mailto:ritas@zoology.du.ac.in">ritas@zoology.du.ac.in</a>
Prof. Mukesh Jain	<i>“Methods for Next Generation Sequencing and Data Analysis: Applications in Agriculture”</i>	School of Computational and Integrative Sciences Jawaharlal Nehru University New Delhi - 110067 Email: mjain@jnu.ac.in , mjainanid@gmail.com

Dr. Sushil Jha	<i>“The Recent Trends in Neuroscience Research”</i>	School of Life Sciences Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:sushilkjha@mail.jnu.ac.in">sushilkjha@mail.jnu.ac.in</a>
Dr. Sanjay Mishra	<i>“The art and science of writing research projects: Perspective from funding bodies”</i>	Department of Science & Technology Technology Bhavan, New Mehrauli Road,, New Delhi-110 016 Email: <a href="mailto:sanjaykr.mishra@nic.in">sanjaykr.mishra@nic.in</a>
Dr. Suman Gupta	<i>“Bio Incubator”</i>	Chief Operations Officer at BBB, Regional Centre for Biotechnology, Govt. of India <a href="mailto:Suman.gupta@rcb.res.in">Suman.gupta@rcb.res.in</a>
Prof. Sudhir Jain	<i>“IPR Policies”</i>	Atal Bihari Vajpayee School of Management and Entrepreneurship Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:skjain51@hotmail.com">skjain51@hotmail.com</a> , <a href="mailto:sudhirkjain@mail.jnu.ac.in">sudhirkjain@mail.jnu.ac.in</a>
Prof. James Gomes	<i>“Overview Off system Biology”</i>	School of Biological Sciences Indian Institute of Technology Delhi Email: <a href="mailto:jgomes@bioschool.iitd.ac.in">jgomes@bioschool.iitd.ac.in</a> <a href="mailto:jgomes.bioschool@gmail.com">jgomes.bioschool@gmail.com</a>
Prof. Sunil Kateriya	<i>“Optogenetics”</i>	School of Biotechnology Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:skateriya@jnu.ac.in">skateriya@jnu.ac.in</a> , <a href="mailto:suneel77@yahoo.com">suneel77@yahoo.com</a>
Dr. Shailja Singh	<i>“The landscape of anti-malarial drug discovery: from biological discovery to translational aspects”</i>	Special Centre for Molecular Medicine Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:shailjasingh@mail.jnu.ac.in">shailjasingh@mail.jnu.ac.in</a>
Prof. Ashwani Pareek	<i>“Planting Excitements”</i>	School of Life Sciences Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:ashwanip@mail.jnu.ac.in">ashwanip@mail.jnu.ac.in</a>

Prof. Ruplal	“Microbiology Literacy in Society”	Department of Zoology University of Delhi Email: <a href="mailto:ruplal@gmail.com">ruplal@gmail.com</a>
Dr. Ramesh V. Sonti	<i>“Biotechnology in Crop Improvement”</i>	Director National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 067
Prof. Pankaj Seth	<i>“How viruses damage to human brain cells”?</i>	Professor and Scientist VII Molecular and Cellular Neuroscience, Neurovirology Section National Brain Research Centre (NBRC) NH-8, Nainwal Road MANESAR, Haryana-122052 Email: <a href="mailto:pseth.nbrc@gov.in">pseth.nbrc@gov.in</a>
Prof. Sudhanshu Vрати	<i>“Making of the Indian Rotavirus vaccine”</i>	Executive Director Regional Centre for Biotechnology NCR Biotech Science Cluster 3rd Milestone, Faridabad-Gurgaon Expressway Faridabad - 121 001 Haryana (NCR Delhi) Email: <a href="mailto:Vрати@rcb.res.in">Vрати@rcb.res.in</a>
Dr. Praveen Verma	<i>“Advances in plant sciences research: From basic to translation”</i>	National Institute of Plant Genome Research Aruna Asaf Ali Marg, P.O. Box No. 10531 New Delhi - 110 06 Email: <a href="mailto:pkv@nipgr.ac.in">pkv@nipgr.ac.in</a>
Prof. Rajendra Prasad	<i>“Healthcare: Where will we be in 2050?”</i>	Dean, Faculty of Science, Engineering and Technology Director, Amity Institute of Integrative Sciences and Health Director, Amity Institute of Biotechnology, Amity University Haryana Gurgaon 122413 Email: <a href="mailto:rp47jnu@gmail.com">rp47jnu@gmail.com</a>
Prof. Sivaprakash Ramalingam	<i>“Basics and applications of Genome Editing”</i>	Senior Scientist CSIR-IGIB, Sukhdev Vihar, Mathura Road, New Delhi - 110 025 Email: <a href="mailto:sivaramalingam@igib.res.in">sivaramalingam@igib.res.in</a>

Dr. Rajesh S Gokhale	<i>"Intuition, Inspiration, and Dogmatism" - a Research Mantra"</i>	National Institute of Immunology Aruna Asaf Ali Marg, New Delhi - 110067 Email: <a href="mailto:rsg@nii.ac.in">rsg@nii.ac.in</a>
Dr. Neel Sarovar Bhavesh	<i>"Macromolecular structures: Why and how?"</i>	ICGEB Campus Aruna Asaf Ali Marg New Delhi - 110067 Email: <a href="mailto:neelsb@icgeb.res.in">neelsb@icgeb.res.in</a>
Prof. Suman Dhar		Special Centre for Molecular Medicine Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:skdhar@mail.jnu.ac.in">skdhar@mail.jnu.ac.in</a> , <a href="mailto:skdhar2002@yahoo.co.in">skdhar2002@yahoo.co.in</a>
Prof. Deepak Gaur	<i>"Current Status of Malaria Vaccine Development"</i>	School of Biotechnology Jawaharlal Nehru University New Delhi - 110067 Email: <a href="mailto:deepakgaur@mail.jnu.ac.in">deepakgaur@mail.jnu.ac.in</a> , <a href="mailto:deepakgaur189@gmail.com">deepakgaur189@gmail.com</a>
Dr. Vijay Kumar	<i>"Genetic models for human disease"</i>	Dean (Academic) and Professor Department of Molecular and Cellular Medicine Phase II, Room No. 4112 Institute of Liver and Biliary Sciences (ILBS) D-1, Vasant Kunj New Delhi - 110 070 Email: <a href="mailto:mailto:vijaykumar98@gmail.com">mailto:vijaykumar98@gmail.com</a>
Prof. Suman Kundu	<i>"A Novel Drug Discovery Initiative"</i>	Department of Biochemistry University of Delhi South Campus Benito Juarez Road, Dhaula Kuan New Delhi - 110021 Email: <a href="mailto:suman.kundu@south.du.ac.in">suman.kundu@south.du.ac.in</a>
Prof. Rajiv Saxena	<i>"Interactions of nanoparticles with biological systems"</i>	Faculty of Life Sciences and Biotechnology South Asian University Akbar Bhawan, Chanakyapuri New Delhi 110021 Email: <a href="mailto:rksaxena@sau.int">rksaxena@sau.int</a>