

## UQ-IITD-AIIMS Research Symposium - Functional Genomics

*Thursday, 5 November 2020*

9:30am – 9.50am IST  
2.00pm – 2.20pm AEST

Chair: [Associate Professor Jessica Mar](#), Group Leader, Australian Institute for Bioengineering and Nanotechnology, UQ

**Welcome address** (5 minutes each)

[Dr Jessica Gallagher](#), Pro-Vice-Chancellor (Global Engagement and Entrepreneurship), UQ

[Professor Ashok Ganguli](#), Deputy Director Strategy and Planning, IITD

[Professor Randeep Guleria](#), Director, AIIMS

9.50am – 10:50am IST  
2.20pm – 3.20pm AEST

**Presentations** (10 minutes each)

**Spatial Integration of Imaging and Sequencing Data to Study Immune and Cancer Cells in Tissues**

[Dr Quan Nguyen](#), Senior Research Fellow and Group Leader, Institute for Molecular Bioscience, UQ

**Deciphering the role of non-coding RNAs in Glioblastoma**

[Dr Ritu Kulshreshtha](#), Associate Professor, Department of Biochemical Engineering and Biotechnology, IITD

**Functional Genomics in Spinocerebellar Ataxia**

[Dr Achal Kumar Srivastava](#), Professor, Department of Neurology, AIIMS

**Human stem cell based functional Neurogenomics**

[Professor Ernst Wolvetang](#), Senior Group Leader, Australian Institute for Bioengineering and Nanotechnology, UQ

**Functional genomics in virology**

[Dr Vivekanandan Perumal](#), Kusuma School of Biological Sciences, IITD

**Understanding the role of environmental factors as the key determinants of tuberculosis latency, drug resistance and therapy**

[Dr Vikram Saini](#), Assistant Professor, Department of Biotechnology, AIIMS

10.50am – 11:00am IST  
3.20pm – 3.30pm AEST

10 minutes break

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11.00am – 11:30am IST 3.30pm – 4.00pm AEST	<b>Presentations</b> (10 minutes each)  Developing bioinformatics methods for single cell 'omics data to understand how humans age <a href="#">Associate Professor Jessica Mar</a> , Group Leader, Australian Institute for Bioengineering and Nanotechnology, UQ  Development of single-cell proteogenomic workflows to discover novel putative targets in human diseases <a href="#">Dr Ishaan Gupta</a> , Department of Biochemical Engineering and Biotechnology, IITD  Omics Data Integration in Disease Biology at AIIMS <a href="#">Dr Punit Kaur</a> , Professor and Head, Department of Biophysics, AIIMS
11:30am – 11.40am IST 4.00pm – 4.10pm AEST	<b>IITD-UQ-AIIMS-TCS Center for Functional Genomics Derived Biotherapeutics</b> <a href="#">Professor Anurag Rathore</a> , Professor, Department of Chemical Engineering, IITD
11:40am – 11.50am IST 4.10pm – 4:20pm AEST	<b>UQ-IITD Academy of Research (UQIDAR) 2021 timeline</b> <a href="#">Ms Siyu Wang</a> , Acting Senior Manager, Global Strategy and Partnerships, Global Engagement and Entrepreneurship, UQ
11:50am – 12.00pm IST 4.20pm – 4:30pm AEST	<b>Research Funding Schemes</b> <a href="#">Associate Professor Jessica Mar</a> , Group Leader, Australian Institute for Bioengineering and Nanotechnology, UQ
12.00pm – 12:30pm IST 4.30pm – 5.00pm AEST	<b>Q&amp;A and closing remarks</b> <a href="#">Associate Professor Jessica Mar</a> , Group Leader, Australian Institute for Bioengineering and Nanotechnology, UQ

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