

# Single Cell Genomics Workshop

April 27<sup>th</sup> 2022 – April 29<sup>th</sup> 2022

Jawaharlal Nehru Centre for Advanced Scientific Research  
with 10x Genomics & Premas Life Sciences

The vast complexities of biology require approaches to build a complete picture, starting from single cells to tissues and beyond. Single cell and spatial solutions enable researchers to drive the leading edge of what's possible. These technologies help us resolve highly complex biological systems, while bringing into focus the details that matter most.

Join us for this workshop to learn how Chromium Single Cell and Visium Spatial solutions from 10x Genomics can help you push the boundaries of your research. Uncover molecular insights, dissect cell-type differences, investigate the adaptive immune system, detect novel subtypes and biomarkers, and map the epigenetic landscape cell by cell. This workshop will expose researchers to the technologies that enable us to see the biology at true resolution

April 27<sup>th</sup>

**10:30am - 12:15pm: Biology at true resolution: Resolve biological complexities with single-cell and spatial solutions**

By **Dr. Ivonne Petermann** (Science & Technology Advisor, 10x Genomics)

**12:30pm - 1:30pm: Tips & tricks for sample preparation for single cell genomics**

By **Dr. Sachin Minhas** (Product manager, Premas)

April 29<sup>th</sup>

**9:30am - 10:30am: Workflow for single cell 3'GEX**

By **Dr. Sridharan J** (Field Application Scientist, Premas)

**11:00am- 12:00pm: Hands on training on Loupe Browser**

By **Mr. Rajavarman K** (Senior Bioinformatician, Premas)