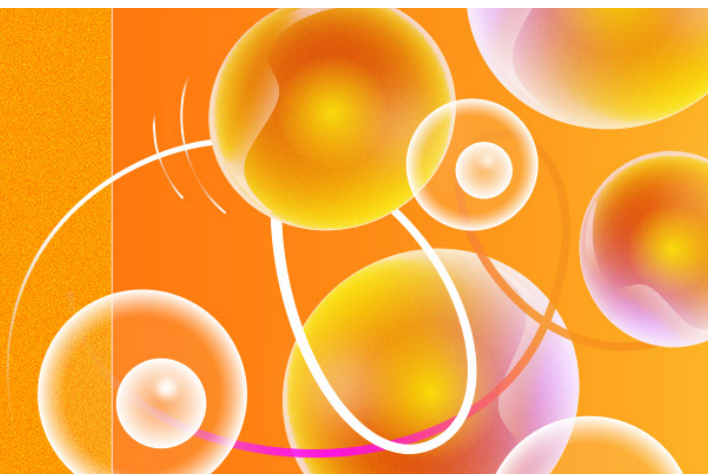


From Data to Discovery: NGS innovations across Omics and Modalities

20th of June, 2025

Molecular Biotechnology Center, Torino

Multiomics extends beyond single-cell technologies! Join BGcore and Illumina for this seminar exploring how Next-Generation Sequencing is unlocking deeper biological insights across -omes and modalities. Discover the latest applications shaping the future of multiomic research. Learn more about the most recent advances in NGS-based proteomics and epigenomics (5-base), developments in single cell and spatial transcriptomics, as well as innovations eliminating standard NGS library prep and unlocking long-distance genomic information.



Registration is free and will close one week before the event – reserve your spot today! <https://forms.gle/tQ6ysVLnAonG5cyT8>

See detailed **Seminar Agenda** on the 2nd page.

Date: 20th of June, 2025 09:30 - 13:00

Location: Keplero Room, MBC, Via Nizza 52, 10125, Torino, Italy



Seminar Agenda

Welcome

09:30 – 09:40

The Evolution of Multiomics: From Single Modalities to Integrated Biology

Prof. Raffaele Calogero, BGcore, University of Turin

09:40 – 09:55

See the whole picture: Driving the multiomics revolution with NGS

Dr. Nadia Sedlyarova, Illumina

09:55 – 10:20

Redefining NGS with Constellation mapped read technology

Dr. Richard Capper, Illumina

10:20 – 10:40

Enabling integrated Epigenetic and Genetic Profiling with Illumina's 5-Base solution

Danielle Goldberg, Sr Manager, Product Management, Illumina

10:40 – 11:10

Extending Multi-Omics Research with NGS-Based Proteomics

Dr. Andrew Slatter, Director of Scientific Research, Illumina

Coffee Break

11:30 – 12:00

Transcriptome information remains consistent among modalities and technologies: a comparison between Illumina Single Cell 3' RNA Prep and 10x Genomics cellular and nuclear single cell RNAseq

Prof. Raffaele Calogero, BGcore, University of Turin

12:00 – 12:20

Advancing Spatial Transcriptomics with Illumina Spatial Technology

Kyle Miller, Global Product Marketing, Illumina

12:20 – 12:40

Cell Atlasing Human Intestine using Illumina Spatial Technology

Invited speaker, Stanford University, USA

12:40 – 13:00

Illumina Connected Multiomics in action: accelerating discoveries

Dr. Joachim Schmid, Vice President of R&D, Multiomics Data Solutions, Illumina

Concluding remarks

Networking