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10X Genomics

Pleasanton, California, USA

“A transformative upgrade to short-read sequencers that fits easily into existing lab infrastructure”

6 June 2017, 11:00 (s.t.)

Venue: IMB Seminar Room, 2nd Floor

Institute of Molecular Biology (IMB)

Johannes Gutenberg University Campus Mainz

All are welcome to attend.

Abstract:

A transformative upgrade to short-read sequencers that fits easily into existing lab infrastructure

The GemCode™ Technology has been adopted for use in multiple applications, including whole-genome phasing and structural variant analysis, de novo genome assembly, remapping of difficult regions of the genome, and dynamic gene expression of single cells.

The Chromium Genome uses the power of Linked-Reads to fully resolve genic phasing, reveal structural variation and detect variants in previously inaccessible and complex regions of the genome.

The Chromium Single Cell 3' Solution provides a comprehensive, scalable solution for cell characterization and gene expression profiling of hundreds to millions of cells.

The Chromium Single Cell V(D)J Solution is a comprehensive, scalable tool for profiling full-length paired V(D)J transcripts from hundreds to millions of lymphocytes.

The new V(D)J Solution expands the 10x Genomics industry-leading single cell analysis product portfolio, which also includes the Chromium Single Cell 3' Solution for gene expression. All of 10x Genomics' products for Single-Cell and Linked-Reads applications, including the Single Cell 3', V(D)J, Genome, Exome and de novo Assembly Solutions, can be run on their Chromium Controllers.