



IRB
BARCELONA

INSTITUTE
FOR RESEARCH
IN BIOMEDICINE

Barcelona BioMed Workshops



FUNCTIONAL GENOMICS CORE FACILITY COURSE

Programme

09:30-10:00	Course introduction
10:00-10:45	A brief history of high-throughput sequencing and its applications
11:00-11:30	Coffee break. Mix and Match of interests and expectations.
11:30-11:45	Library preparation and sequencing on Illumina platforms.
12:00-12:45	The IRB Barcelona Functional Genomics Core Facility: Expertise and Workflows.
13:00-13:20	Keys for successful transcriptomics experiments.
13:30-14:30	Lunch break.
14:30-15:15	Transcriptomics Today. From whole tissue to single-cell and back to tissue at higher dimensions.
15:30-16:30	Merck Sponsored Seminar CRISPR-based genome editing at single cell resolution

Speakers:

M. Zulfiquer Hossain, Ph.D.

Technical Application Scientist. MilliporeSigma

Merck KGaA

Stephen Hague, PhD.

Science & Technology Advisor.

10x Genomics

Join the seminar using [this link](#)

16:45-17:00 Course wrap up and feedback.

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