



Cancer Genomics Core
School of Biomedical
informatics

2023 UTHealth CPRIT CGC Workshop

Tuesday, March 28, 2023

McGovern Medical School, Auditorium 2.006

Agenda

- 1:00–1:10 pm **Introduction of Research Resources and environment in UTHealth**
Kevin Morano, PhD
Senior Vice President
Academic and Faculty Affairs
The University of Texas Health Science Center at Houston
- 1:10–1:25 pm **Introduction of the services of UTHealth Cancer Genomics Core**
Xian Chen, PhD
Senior Research Scientist
Core Manager
The University of Texas Health Science Center at Houston
- 1:25–1:55 pm **Cellular changes in aging-related diseases: one at a time**
Mikhail Kolonin, PhD
Professor & Director, Center for Metabolic and Degenerative Diseases
Harry E. Bovay, Jr. Distinguished University Chair
in Metabolic Disease Research
The University of Texas Health Science Center at Houston
- 1:55–2:25 pm **Access the full richness of biological complexity with single cell and spatial multiomics from 10x Genomics**
Spence Fast, PhD
Senior Science & Technology Advisor
10x Genomics
- 2:25–2:35 pm Break
- 2:35–3:05 pm **Integrative bulk CRISPR screening and single-cell profiling to identify factors restricting CAR-T activity**
Xiaoyin Lu, PhD
Postdoctoral Fellow
Department of Experimental Radiation Oncology
M.D. Anderson Cancer Center

3:05-3:35 pm

Illumina latest innovations and informatics solutions.

Solomon Hailu, PhD
Sequencing Specialist
Illumina

3:35-3:45 pm

Closing Remarks

Zhongming Zhao, PhD
Director, CPRIT UTHealth Cancer Genomics Core
Chair Professor for Precision Health
Professor of Biomedical Informatics, Human Genetics
Founding Director, Center for Precision Health
School of Biomedical Informatics & School of Public Health
The University of Texas Health Science Center at Houston

Please register today for the event!!

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