

2022 UTHealth CPRIT CGC Workshop

Monday, March 7, 2022

Medical School Building, Auditorium 1.006

Webex link:

<https://uthealth.webex.com/uthealth/j.php?MTID=me6bd7285327e6eb784ca3922709e7d99>

Agenda

- 1:00 – 1:10 p.m. **Introduction of Research Resources in UTHealth**
Michael R. Blackburn, PhD
Executive Vice President & Chief Academic Officer
Dean of Research, ad interim
Professor and Director of Pulmonary Cancer of Excellence
Department of Biochemistry & Molecular Biology
William S. Kilroy, Sr. Distinguished University Chair in Pulmonary Disease
The University of Texas Health Science Center at Houston
- 1:10 – 1:20 p.m. **Introduction of UTHealth Cancer Genomics Core**
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
- 1:20 – 1:40 p.m. **Mapping Cells with Multi-omic Single-Cell RNA Sequencing**
Lukas Simon, PhD
Group Leader
Therapeutic Innovation Center
Baylor College of Medicine
- 1:40 – 2:00 p.m. **Possibilities for Patient-derived iPSCs in Cancer Modeling and Targeted Therapies**
Dung-Fang Lee, PhD
Assistant Professor
CPRIT Scholar
Cancer Prevention Research Institute of Texas
The University of Texas Health Science Center at Houston

2:00 – 2:20 p.m.

Single Cell Gene Expression with Cell Multiplexing Technology and its Application in Cancer Research

Huihui Fan, MD, Ph.D

Research Assistant Professor

School of Biomedical Informatics & School of Public Health

The University of Texas Health Science Center at Houston

2:20-2:40

Utilization of Next Generation Sequencing for chemotherapy resistance and anti-tumor immune response study

Bangxing Hong, PhD

Assistant Professor,

Vivian L. Smith Department of Neurosurgery,

The University of Texas Health Science Center at Houston

2:40-3:10

Access the full richness of biological complexity with single-cell technologies

Ashley Benham, PhD

Sales Executive

10x Genomics

3:10 p.m.

Closing Remarks

Amy Hazen, PhD

Director, Research Planning, Support and Collaboration

The University of Texas Health Science Center at Houston

Virtual Join link:

<https://uthealth.webex.com/uthealth/j.php?MTID=me6bd7285327e6eb784ca3922709e7d99>

Webinar number: 2623 897 4411

Webinar password: CEzEcE9us38 (23932398 from phones)

Join by phone

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Access code: 262 389 74411

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