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  
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Access code: 262 389 74411

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