

KEYNOTE SPEAKER



Gay Crooks, MB,BS

Professor & Rebecca Smith Chair

Department of Pathology & Laboratory Medicine

Department of Pediatrics

Dr. Gay Crooks is Professor and Rebecca Smith Chair in the Departments of Pathology & Laboratory Medicine and Pediatrics in the David Geffen School of Medicine, UCLA. She is also directs the Immunology, Infection, Inflammation and Transplantation (I3T) research theme for DGSOM and the Cancer Cell Biology Program for the Jonsson Comprehensive Cancer Center (JCCC) at UCLA.

Special Thanks To:

Research Day Committee

Jonathan Said, MD, Chair

Thomas Lee, MD, PhD

Neda Moatamed, MD

Bogdan Pasaniuc, PhD

Xianghong Jasmine Zhou, PhD

Sarah Dry, MD, Professor & Chair

Pathology Facilities & Operations

Nashia Le Conte

Anastasia Gustafson

SECOND ANNUAL RESEARCH & CLINICAL EXCELLENCE DAY

MAY 26, 2023

**EVENT
PROGRAM**

8:00 - 8:30 AM: Breakfast (23-105 CHS)

8:30 - 9:30 AM: Welcome & Keynote

Restoration of Human T Cell Development using
Adenine Base-Editing of the CD3d Gene: An
Example of How Collaboration Makes
Us All Look Better
Gay Crooks, MB,BS

9:30 - 10:00 AM: Accuracy of Frozen Section

Remote Subspecialty Consultation using Real-
Time Telepathology and Whole Slide Imaging in
Gynecologic Cases
Charisse Treece, MD

10:00 - 10:30 AM: Click Chemistry-Mediated

Surface Protein Assay for Quantifying
Subpopulations of Tumor-Derived Extracellular
Vesicles
Yazhen Zhu, MD, PhD

10:30 - 11:15 AM: Coffee Break (23-105 CHS)

& Poster Session 1 (CHS Courtyard)

11:30 - 12:00 PM: Unlocking Gene
Expression Regulation at the Post-
Transcriptional Level
Dinesh Rao, MD, PhD

12:00 - 12:30 PM: Using Spatial

Transcriptomics to Understand the
Molecular Pathogenesis of High-Grade
Astrocytoma with Piloid Features (HGAP), a
New WHO Diagnostic Entity
Fausto Rodriguez, MD
Ting Zhang, MD, PhD

12:30 - 1:00 PM: Tissue-omics to Improve

Our Mechanistic Understanding of
Transplant Rejection
Nicole Valenzuela, PhD, F(ACI)

1:00 - 3:00 PM: Lunch & Poster Session 2
(CHS Courtyard)