

Diversifying the Blood Supply: Addressing
Barriers through a Collaborative Black History
Month Celebration Blood Drive
Precious Fortes, MD & Zhen Mei, MD

Recent Institutional Experience with a Repeat
Patient Feigning Sick Cell
Rakshit Tyagi, MD & Zhen Mei, MD

Acquired Passive Red Blood Cell Antigen
Antibodies from Transfusion
Zhen Mei, MD

COVID-19 Pandemic Emergency Blood
Management Measures
Zhen Mei, MD

Donor Temperature Screening with a
Non-Contact Thermometer
Zhen Mei, MD

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

**POSTER
PRESENTATIONS**

Molecular Diversity of Testicular Embryonic-Type Neuroectodermal Tumors (ENETs; former PNETs) Arising from Germ Cell Tumors
Yang Zong, MD, PhD

Discordance Between Frozen Section Diagnosis and Final Diagnosis: A Root Cause Analysis
Liang Ding, MD, PhD

Translational Pathology Core Lab/ Pathology Research Portal
Clara Magyar, PhD

Circulating CD4+ Tfh and B Cells with Antibody-Secreting Phenotypes are Detectable in Adult Liver Transplant Recipients with Ischemia-Reperfusion Injury
Adil Bhat, PhD

Cell-free DNA Methylation as a Noninvasive Prognostic Indicator in Hepatocellular Carcinoma
Ran Hu

Ciliated Cell Markers in Epithelial Ovarian Cancer: Associations with Histologic Subtype, Stage, and Disease Progression
Maria Sol Recouvreux, PhD & Sandra Orsulic, PhD

Poster Presentations
CHS Courtyard
Session 1: 10:30-11:15 AM
Session 2: 1:00-3:00 PM

Enriching Subpopulations of Extracellular Vesicles for Noninvasive Detection of Pancreatic Ductal Adenocarcinoma
Chen Zhao, MD, PhD

Purification and Quantification of Extracellular Vesicle Subpopulations for Early Detection of Epithelial Ovarian Cancer
Ying-Tzu Yen, MD, PhD

Comprehensive Tissue Deconvolution of Cell-Free DNA by Deep Learning for Disease Diagnosis and Monitoring
Xianghong Jasmine Zhou, PhD

Longitudinal Mass Cytometry (CyTOF) Immunophenotyping of CD8 T Cells in Kidney Transplant Recipients with CMV Viremia
Angela Sun, BS

Alloimmune Endotypes in Human Liver Transplantation
Rebecca Sosa, PhD

Immune Assessment Core: A Cutting-Edge Resource for Comprehensive Immunological Testing and Assay Development
Monica Cappelletti, PhD

Longitudinal Analysis of the LA-SPARTA Cohort of High-Risk Individuals after SARS-CoV-2 Infection and Vaccination
Meagan Jenkins, PhD

Immune Dysregulation in the Bone Marrow Microenvironment Contributes to Myeloid Bias, Associated with HSC Epigenomic Reprogramming
Jennifer J. Chia, MD, PhD

Validation of Neutrophil Gelatinase-Associated Lipocalin (NGAL), a Urinary Biomarker for Acute Kidney Injury on Roche Cobas c502 Chemistry Analyzer
Lu Song, PhD & Vincent H. Buggs, CLS, MS

Implications of Epithelial Membrane Protein 2 in Multiple Pathways of Malignant Meningiomas
Anubhav Chandla & Mahlet Mekonnen, BS

Loss of Expression of the Immunoproteasome Subunit $\beta 5i$ in Ovarian High Grade Serous Carcinoma
Irene Riahi, MD

UCLA Health System-Wide Blood Culture Fill Volume Optimization
Omai Garner, PhD & Allison Nomura, CLS, MLS (ASCP)