

Special Thanks To:

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**THIRD ANNUAL
RESEARCH & CLINICAL
EXCELLENCE DAY**

MAY 31, 2024

**POSTER
PRESENTATIONS**

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

“Activation” of macro-AST by pyridoxal phosphate supplementation
Erica Fermon, MD, Thomas Drake, MD, Lu Song, PhD

OATP1B3 Expression in Hepatocellular Carcinoma and Adenoma: Correlation with Beta-catenin Activation
Yuan Shui MD PhD, Wei Zheng MD PhD, Wei Yue PhD, Samuel W French MD PhD, Bitu V Naini MD, Hanlin L. Wang MD PhD

Reducing “Miscellaneous” Referral Test Orders at an Academic Medical Center
Allison Chambliss, PhD (presenter); Joshua Deignan, PhD; Charlemagne (Carlo) Isip; Alex Martin; Monique Trinh; Marivic Visico; William Werre; Alyssa Ziman, MD

Amplicon-based Next Generation Sequencing for Improved Identification of Bacterial and Fungal Pathogens in Formalin-Fixed, Paraffin-Embedded Tissues
Ran Zhuo, PhD (Co-presenter), Weibo Yu, MD (Co-presenter), Gregory Fishbein, MD, Jeffrey Goldstein, MD, Jill Thomson, MS, Hua Jin, PhD, Liying Zhang, PhD, Shangxin Yang, PhD

Development and Implementation of a Novel Transfusion Medicine Dashboard
Jamar Uzzell, Erica Fermon (presenter), Preclious Ann Fortes, Tara Narasimhalu, Khalda Ibrahim, Alyssa Ziman, Dawn Ward, Zhen Mei, Betty Tseng, Andrea M McGonigle

Overview of Pathology Biobanks and Biospecimen Research Cores (CPRS/TPCL/PRP)
Clara Magyar, PhD, Sam French, MD/PhD, Dawn Ward, MD, Imir Metushi, PhD, Sepher Hamidi, MD

Homogeneous resistome despite high phylogenetic diversity: a single center genomic surveillance study of carbapenem-resistant *Acinetobacter baumannii* in Los Angeles, 2019-2023
Colette J Matysiak Match PhD, MPH (presenter), Bennett Shaw, Evann Hilt PhD, Kavitha Prabaker MD, Daniel Uslan MD, Omai Garner PhD, Shangxin Yang PhD

Plasma extracellular vesicle digital scoring assay enables treatment responses assessment for hepatocellular carcinoma
*Chen Zhao, MD PhD (presenter), Jacquelin Ziqian Yang, Yi-Te Lee, Ryan Zhang, Andrew Melehy, Minhyung Kim, Jina Kim, Sungyong You, Vatche G. Agopian, Ju Dong Yang, Hsian-Rong Tseng, and Yazhen Zhu**

Generation of biallelic-dual fluorescence reporter cell line for BCL11b in T-cell development via human iPSC-ATO system
Satvik Saripalli (presenter), Xuegang Yuan PhD, and Gay M. Crooks MD

Click Chemistry-Mediated Enrichment of Circulating Tumor Cells and Tumor-Derived Extracellular Vesicles for Dual Liquid Biopsy in Differentiated Thyroid Cancer
Bing Feng, Jing Wang, Ryan Y. Zhang, Anna Yaxuan Wei (presenter), Chen Zhao, Ying-Tzu Yen, You-Ren Ji, Hyoyong Kim, Yong Ju, Bill Zhou, Sitong Yu, Junseok Lee, James Wu, Hsian-Rong Tseng, and Yazhen Zhu

Poster Presentations
CHS Courtyard
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A real world map of HLA serology—
Unbiased analysis of HLA serology across
racial groups

*Yuxin Yin PhD, Shili Ge MD PhD, Jennifer
Zhang PhD, Elaine F Reed PhD, Nicole M
Valenzuela PhD*

Increasing Platelet Transfusions Post-
COVID

*Bethany Porter, Zhen Mei, Mark Carrico,
Alyssa Ziman, Dawn C. Ward, Khalda A.
Ibrahim, Andrea M McGonigle*

Metagenomic sequencing accurately
identifies a wide range of viral pathogens
in clinical respiratory specimens

*Kenin Qian (Presenter), Varada Abhyankar
PhD, Candace Wang, Traci Toy, Omai
Garner PhD, Eleazar Eskin PhD, Valerie
Arboleda MD PhD*

Can the UCLA Sentinel Lymph Node
Biopsy Protocol for Melanoma be
Simplified

*Joshua Pierce, MD, PhD; Yuna Kang, MD;
Gregory A. Gates, DO*

Validation of a urine ammonium assay on
Roche Cobas c502 chemistry analyzer

*L. Song, PhD (presenter), K. Tong, M.
Fournier*

Validation of glucose test in pancreatic
cyst fluid

*Brian Lam PhD (presenter), Imir Metushi
PhD, Lu Song, PhD*

Spatiotemporal Architecture of Immune
Cells and Cancer Associated Fibroblasts
in High-Grade Serous Ovarian Carcinoma

*Alexander M. Xu, Marcela Haro, Ann E.
Walts, Ye Hu, Joshi John, Beth Y. Karlan, Akil
Merchant, Sandra Orsulic (presenter)*

UCLA Technology Center for Genomics &
Bioinformatics (UCLA TCGB)

Xinmin Li, PhD; Hyun-Ju Lim, PhD

Digital Volumetric Biopsy Cores Improve
Gleason Grading of Prostate Cancer
Using Deep Learning

*Ekaterina Redekop, MS (presenter), Mara
Pleasure, Zichen Wang, Kimberly Flores,
Anthony Sisk, William Speier, Corey Arnold*

Atypical MCC and microarray results from
multiple gestation pregnancies

*Saeideh Torabi Dalivandan PhD (presenter),
Fumin Lin PhD, T. Niroshi Senaratne PhD,
Alden Huang PhD, Valerie A. Arboleda MD,
Sung-Hae L. Kang PhD*

Rare COL1A1::PDGFB fusion in uterine
tumor

*Anamaria Munteanu, M.D., PhD, (presenter),
Timothy Tidwell Ph.D., Moatamed Neda
M.D., Cyriac Kandoth Ph.D., Tobi Quinto
M.D., Scott Nelson M.D., Joshua Deignan
Ph.D., Sarah Dry, M.D*

Unlocking the Potential: The Impact of
Case Studies in Cytopathology Education
and Training

*Precious Fortes MD M.H.S; Erika F.
Rodriguez, MD, PhD*