

Department of Pathology 2023 Research Day and Retreat

May 17, 2023



Keynote Presentation (lunch provided)

Location: S100A BST & <https://pitt.zoom.us/j/95297523813>

12:00 – 1:00 pm	Robin G. Lorenz, MD, PhD Executive Director of Research Pathology, Genentech	<i>Research Pathology: From Academics to Biotech</i>
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Faculty & Trainee Presentations

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1:15 pm	Opening Remarks Andrew Duncan, PhD Associate Professor of Pathology	Liron Pantanowitz, MD Professor and Chair of Pathology
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Session 1: Graduate Student Research

Moderator, *Rithika Behera, BS, PhD Candidate*

1:30 – 1:50 pm	Sameer Agnihotri, PhD Assistant Professor of Neurosurgery	<i>Childhood Brain Tumors: Molecular Insights and Future Directions</i>
1:50 – 2:00 pm	Gabrielle Gilmer, BS PhD Candidate, CMP, MSTP	<i>Characterizing the Trajectory of Murine Knee Osteoarthritis Across Menopause</i>
2:00 – 2:10 pm	Sierra Wilson, BA PhD Candidate, CMP, CATER	<i>Compensatory Regeneration After Acetaminophen-Induced Acute Liver Injury Is Driven by Diploid Hepatocytes</i>
2:10 – 2:20 pm	Joe Maggiore, BS PhD Candidate, ISB, MSTP, CATER	<i>Genetically Engineered Endothelial Niche Induces Mature Cell Populations in Human Kidney Organoids</i>

Session 2: Basic Research

Moderator, *Hannah Butterfield, BA, PhD Candidate*

2:30 – 2:50 pm	Smita Iyer, PhD Associate Professor of Pathology	<i>Understanding Principles of the Neuro-T Cell Unit</i>
2:50 – 3:00 pm	Yue (Yolanda) Wang, MD Research Instructor	<i>Role of BCL2L14-ETV6 Gene Fusions in Triple-Negative Breast Cancer Immune Evasion</i>
3:00 – 3:10 pm	Sudrishti Chaudhary, PhD Postdoctoral Fellow	<i>Western Diet Dampens T Regulatory Cell Function to Fuel Hepatic Inflammation in Nonalcoholic Fatty Liver Disease</i>
3:10 – 3:20 pm	Gavin Schmidt Undergraduate Researcher	<i>Fusions Involving the Thyroglobulin Gene as a Novel Mechanism of Thyroid Carcinogenesis</i>

Session 3: Clinical Research

Moderator, Pranav Patwardhan, MD, Pathology Resident

3:30 – 3:50 pm	Octavia Peck Palmer, PhD Associate Professor of Pathology	<i>Health is Wealth: Designing Equitable Clinical Laboratories for Thriving Communities</i>
3:50 – 4:00 pm	Dimitrios Korentzelos, MD Pathology Resident	<i>Integrated Clinicopathologic and Gene Expression Analysis to Profile Immune Prognostic Indicators in Uterine and Non-Uterine Leiomyosarcoma (LMS)</i>
4:00 – 4:10 pm	Zeliha Cetin, MD Research Fellow	<i>Contribution of MAFLD-Associated Genetic Variants to the Progression of End-Stage Liver Disease Due to NASH or ALD</i>
4:10 – 4:20 pm	Simmi Patel, MD Pathology Resident	<i>The Detection of Alternative Lengthening of Telomeres using a Novel Chromogenic in situ Hybridization Assay is a Poor Prognostic Biomarker for Patients with Pancreatic Neuroendocrine Tumors</i>

Poster Session & Reception

University Club, Ballroom B

5:00 – 7:00 pm Join your colleagues at the Pitt University Club for an interactive poster session, hors d'oeuvres, and drinks. Say hello to old friends and make some new ones.

Notes

Participation by all individuals is encouraged. Advance notification of any special needs will help us provide better service. Please notify us of your needs at least two weeks before the program by emailing Shanning Wan at shw126@pitt.edu.

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