Don’t Forget To

The Ride 2017, a bicycle benefit for UW cancer research, on Sunday, September 17, 2017.

Join co-captains of “Team Pathology and Laboratory Medicine”, Kristina Matkowskyj and Rachel Kulow, for this year’s ride to benefit UW cancer research. 100% of registration fees, money from gear/apparel purchases and fundraising dollars go back to UW for cancer research.

Non-rider donations also happily and gratefully accepted

Register/Donate at: theridewi.org
When registering/donating, choose “Pathology and Laboratory Medicine”
Registration Discount code: SMPH25 (for Team members only)
Volunteer: theridewi.org/event/volunteer/

Presentations by Pathology Faculty & Staff, Residents, Fellows and Graduate Students

August 30, 2017
8 AM—2:30 PM • HSLC Atrium
Welcome from the Department Chair

Dear Colleagues,

Welcome to the 6th Annual Michael N. Hart Pathology Research Day! Hear about the latest ongoing research in the department and exchange ideas with your colleagues.

This year’s event features keynote speaker Josef Anrather, VMD, from Weill Cornell Medical College and the Feil Family Brain and Mind Research Institute. The Anrather lab aims “to elucidate the peripheral immune response after cerebral ischemia and to identify deleterious and protective pathways that are associated with this response.” The program also includes several short talks, two poster sessions, and a team building activity for our CMP graduate students. Breaks throughout the day will provide ample opportunities to interact and spark new collaborations.

I hope you enjoy this opportunity to congregate, communicate and collaborate with your research colleagues!

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Professor & Chair
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This year’s seminar will host numerous outside speakers including:

10/12: Yuri Nikiforov, MD, PhD, University of Pittsburgh (Grand Rounds)
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11/16: Zu Rhein Lectureship: Cagla Eroglu, PhD, Duke University
11/30: Janell Ayres, PhD, Salk Institute for Biological Studies
1/18: Mario Roederer, PhD, NIH (CMP Student Choice Speaker)
2/1: Chris Klein, MD, Mayo Clinic (Grand Rounds)
3/22: Dan Barber, PhD, NIH
4/5: Anita Koshy, MD, University of Arizona (Grand Rounds)
5/3: Kristen Atkins, MD, University of Virginia (Grand Rounds)

Calling all UW Researchers!

Pathology’s TRIP lab is here to serve!

TRIP lab Services include: Molecular Diagnostics, Histology, Immunohistochemistry/In Situ Hybridization, Imaging, Tissue Microarray (TMA) Construction.

For more information contact Karla Esbona, PhD at: trip@pathology.wisc.edu

Breakthroughs/Awards/Honors?

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Pathology Resident Research Posters

Daniel Matson “AKT Activity is Elevated in Aggressive Thyroid Neoplasms Where it Promotes Proliferation and Invasion”

Richard Yang “Increased Tumor Infiltrating Lymphocyte (TIL) Percentage as a Biomarker to Prognosticate Overall and Relapse Free Survival in Hu14.18-IL2 Treated Resectable Recurrent Stage III or IV Melanoma Patients (NCT00590824)”

Ranran Zhang “Oncogenic Roles of Multiple Long Non-Coding RNAs in Papillary Thyroid Carcinoma”

Awards and CMP Student Activity

1:20-1:30 PM | Awards Presentation
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1345 HSLC

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Julia Kreznar “Identifying the Genetic Determinants of the Gut Microbiome Composition on an Obesogenic Diet”

Nicole Lane “Modulation of Airway Epithelial Cell Function by Rhinovirus-Induced Production of Eicosanoid Metabolites”

Mary Lopez “MicroRNA miR-21 is Neuroprotective After Focal Cerebral Ischemia in Mice”

Eileen Lynch “Characterization of iPSC-derived skeletal myocytes from ALS patients with the C9ORF72 repeat expansion”

Steven Mayerl “Enhancing the Complexity of hPSC Derived Optic Vesicles via Microfluidics”

Aisha Mergaert “Attenuated CNS Pathology in Major Histocompatibility Complex Class II Deficient Mice During Intracerebral Mtb Infection”

James Romero-Masters “Ebna3c-Deleted Epstein-Barr Virus Causes Lymphomas In a Humanized Mouse Model Despite Being Severely Deficient for B Cell Transformation in Vitro”

Heather Schmitt “Overexpression of Histone Deacetylase 3 (Hdac3) Leads to Nuclear Atrophy and Apoptosis in Differentiated Retinal Neurons”

Jeanette Shultz “Positron Emission Tomography Imaging of Cardiac Neuroprotection Induced by Peroxisome Proliferator-Activated Receptor Gamma (Ppary) Activation”

Matthew Sutton “Evaluating Immunity Elicited by CD8 T Cell Responses Targeting Invariant Epitopes in SIV”

Nicholas Van Sciver “Regulation of Ebv Lytic Reactivation by P53 in Epithelial Cells”

Kirsti Walker “Combined Inhibition of Jak/Stat and Bcl2 During Ex Vivo Nk Cell Expansion Enriches a Highly Cytotoxic Nk Cell Subset”

Eli Wallace “Sleep Disruption Alters Hippocampal Filtering Dynamics”

Fen Zhu “Investigating the Role of Prmt5 in Dlbcl”

Trey Gilpin “Mycobacterium Infection Effects on Dendritic Cell Migration Kinetics”

Kirstan Gimse “The Synaptic Scaffolding Protein Homer1c is Necessary for Contextual Fear Conditioning and For Group I Metabotropic Glutamate Receptor Mediated Long-Term Depression”

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Anna Hoefges “The Effect of IL-2 and IL-15 Based Immunotherapy on Tumor Infiltrating Lymphocyte Populations”

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Rebecca Hutcheson “Understanding the Evolution of Burkitt Lymphoma”

James Johnson “Chemical Control Of a Single Phosphorylation Event as a Novel Method to Understand Plk1 Signaling During Mitosis”

John Kernien “Conserved Inhibition of Neutrophil Function by Clinical Candida Albicans Biofilms”

Mike Khan “Brucella Evades Innate Immunity And Prevents Macrophage Apoptosis By Upregulating Microrna 24”
Poster Sessions and Lunch (11:15 AM–1:15 PM) HSLC Atrium

11:15 AM–12:00 PM | Poster Session I
HSLC Atrium

12:00–12:30 PM | Lunch
HSLC Atrium

12:30–1:15 PM | Poster Session II
HSLC Atrium with dessert and coffee

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8:00-8:30 AM  |  Breakfast and Registration
HSLC Atrium

8:30-8:45 AM  |  Opening Remarks, Reza Award, Keynote Introduction
1345 HSLC

Keynote (8:45–9:45 AM) HSLC 1345

8:45–9:45 AM  |  Josef Anrather, VMD, Professor, Feil Family Brain and Mind Research Institute, Weill Cornell Medicine
“Intestinal Immune Cells and Neurovascular Disease”

9:45 - 10:00 AM  |  Break

Short Talks (10:00–11:10 AM) HSLC 1345

10:00 - 10:20 AM  |  David Evans, PhD, Professor, Department of Pathology and Laboratory Medicine
“Resistance of HIV-Infected Cells to Elimination by Antibodies”

10:25–10:45 AM  |  Jichao Sun, PhD (Subhojit Roy Lab), Research Associate, Department of Pathology and Laboratory Medicine
“A CRISPR/Cas9 Based Strategy for Alzheimer’s Disease”

10:50–11:10 AM  |  Sarah Marcus, PhD (Matyas Sandor Lab), Research Associate, Department of Pathology and Laboratory Medicine

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