

VCI Retreat 2024: October 2-3 at Fall Creek Falls

Wednesday, October 2, 2024

<p>10:30 AM <i>*Refresher Break</i> <i>*Full Day Coffee service</i></p>	<p align="center">Welcome Address from Jeff Rathmell</p>
<p>10:50 AM</p>	<p align="center">Dawn Newcomb, PhD Assistant Professor of Medicine Assistant Professor of Pathology, Microbiology and Immunology <i>How do sex hormones modify mechanisms of airway inflammation?</i></p>
<p>11:20 AM</p>	<p align="center">Dudley McNitt, PhD Rachel Bonami Lab <i>CD4-driven loss of the key germinal center protein, BCL6, prevents type 1 diabetes development</i></p>
<p>11:40 AM</p>	<p align="center">Laventa Obare, PhD Celestine Wanjalla Lab <i>Characterization of Adipose Tissue B Cell Antibodies in Persons with Diabetes and HIV</i></p>
<p>12:00 PM</p>	<p align="center">Yiwen Wang Luc Van Kaer Lab <i>Autophagy-related protein Vps34 keeps B cells healthy</i></p>
<p>12:20 PM <i>*Baked Potato Bar</i></p>	<p align="center">Lunch</p>
<p>1:30 PM</p>	<p align="center"><u>Poster Session #1</u> and Exploration of Fall Creek Falls <i>*Check into hotel rooms at 4:00PM</i></p>
<p>4:30 PM</p>	<p align="center">Emma Hathaway Jeff Rathmell Lab <i>Identifying regulators of CAR-T cell adaptation and survival in the tumor microenvironment</i></p>
<p>4:50 PM</p>	<p align="center">Megan Erwin Mary Phillip Lab <i>Tumor-infiltrating CD8 T cell population is maintained by stochastic proliferation of TCF1- T cells</i></p>

5:10 PM	<p align="center">Keynote Speaker Amanda W. Lund, PhD Associate Professor, Ronald O. Perelman Department of Dermatology Associate Professor, Department of Pathology</p> <p align="center"><i>Lymphatic Transport and the Cancer Immunity Lifecycle</i></p>
6:20 PM	<p align="center">Dinner Catered by Fall Creek Falls <u>Three Entrée Banquet Selection</u> *Smoked Chicken, Baked Ham, Vegetarian Lasagna *Broccoli Salad, Carrots, Mashed Potatoes, Macaroni and Cheese *Tossed Salad *Breads * Lemon Meringue and Blackberry Cobbler</p>
7:30-10:00 PM	<p align="center">After Party Lakeside Fire Package Bring your lawn chairs and come out and enjoy some s'mores by the fire pits!</p>

Thursday, October 3, 2024

6:45 AM	<p align="center">Optional Run with Andrew Pahnke, Denis Mogilenko and Elizaveta Kalaidina 1mile-5K options available</p>
8:00 AM *The Country Continental	<p align="center">Breakfast *Check out of rooms and bring luggage to conference room or put in cars</p>
8:30 AM	<p align="center"><u>Poster session #2</u></p>
9:45 AM	<p align="center">Jonathan M. Irish, Ph.D. Professor of Pediatrics Scientific Director, CytoLab <i>Velociraptor: Adding Search to Immune Cell Analysis</i></p>
10:15 AM	<p align="center">Kaitlin McKernan Dawn Newcomb Lab</p>

	<i>Males have increased allergen and RSV-induced airway inflammation after in utero allergen exposure</i>
10:35 AM	Deb Gil Janet Markle Lab <i>Novel biallelic mutation reveals OTULIN controls TNF-dependent cell death in human keratinocytes</i>
10:55 AM <i>*Hospitality Break</i>	Coffee Break
11:15 AM	Matt Stier, MD, PhD Jeff Rathmell Lab <i>Altered Kynurenine Metabolism Rewires CD4 T Cells in Human Critical Illness and Severe Sepsis</i>
11:35 AM	Meghan Graber Amy Major Lab <i>ATP citrate lyase (ACLY) regulates Treg phenotypes in response to oxidized phospholipids.</i>
12:00 PM	<u>Poster Session #3</u>
1:30 PM	Awards Ceremony
1:20 PM <i>*Ham, Turkey, Roast Beef, Cucumber Spread</i>	<i>Boxed Lunch</i> and dismissal to depart from Fall Creek Falls

Poster Session #1	Poster Session #2	Poster Session #3
October 2 at 1:30pm	October 3 at 8:30am	October 3 at 12:00pm
1. Taseer Ahmad	1. Emilia Fallman	1. Colleen Roark
2. Sherry Ameli	2. Eden Faneuff	2. Louise Rollins-Smith
3. Jackie Bader	3. Natalie Favret	3. Cherie Saffold
4. Lindsay Bass	4. Emely Henriquez Pilier	4. Mohammad Saleem
5. Alex Blatt	5. Alyssa Jarabek	5. Victoria Stephens

6. Lincoln Brown	6. Tyler Jenkins	6. Teresa Tamborra-Walton
7. Katy Bunn	7. Youn Jae Jung	7. Yasmine Toudji
8. Joseph Choi	8. Kyungeun Kim	8. Robert Watson
9. Landon Clark	9. Stephanie Medina	9. Raymond Zhang
10. Claire Cross	10. Andrew Pahnke	10. Xin Zhen
11. Jian Cui	11. Abigail Rich	11.
12. Camila de Brito	12.	12.
13. KayLee Stiener	13.	13.

Taseer	Ahmad	Activator protein 1 (AP-1) Complex in Antigen Presenting Cells contributes to Salt-Sensitive Blood Pressure in Humans
Sherry	Ameli	A potential role of oxidized phospholipids on Treg function in SLE
Jackie	Bader	Obesity reprograms bone marrow derived macrophages to promote anti-tumor immunity
Lindsay	Bass	The complex role of somatic hypermutation in supporting insulin recognition by B lymphocytes in at-risk type 1 diabetes participants
Alex	Blatt	T cell EV targeting in the lung during allergic airway inflammation
Lincoln	Brown	Tumor-specific CD8 T cells display high efflux capacity mediated by MDR1
Katy	Bunn	Th2 cell extracellular vesicles promote eosinophil survival through the cytokine cargo IL-3 and prolong airway eosinophilia.
Joseph	Choi	Novel <i>TANK</i> mutation causes impaired memory B cell development and fatal recurrent respiratory infection
Landon	Clark	The impact of Bcl6 deletion on Tfh and Germinal Center B cells in a Type 1 Diabetes Model
Claire	Cross	Velociraptor-Eye seeks and identifies immune cell populations across sample types and single cell platforms
Jian	Cui	A mutation in JunB causes human autosomal dominant combined immunodeficiency
Camila	de Brito	A L-amino acid diet reveals the biogeography of the immune response to <i>Salmonella Typhimurium</i> during gastroenteritis
Emilia	Fallman	Role of Glutamic-Oxaloacetic Transaminase 1 (GOT1) in dendritic cell immune responses
Eden	Faneuff	PTEN Inhibits Scavenger Receptor and F-Actin-Mediated Phagocytosis of Methicillin-Resistant <i>Staphylococcus aureus</i>
Natalie	Favret	Priming determines long-term TCF1 regulation and CD8 T cell fate

Emely	Henriquez Pilier	Effects of Ovarian Hormones and Obesity on Allergen-induced Airway Inflammation
Alyssa	Jarabek	Cooperation between trained immunity and TET2 loss on MDS Progression
Tyler	Jenkins	The impact of BCL6 inhibition by FX1 on the formation of spontaneous and induced germinal centers.
Youn Jae	Jung	VAP-A affects tumor growth and the tumor microenvironment through extracellular vesicle biogenesis
Kyungeun	Kim	Role of glutaminase (GLS) in inflammatory mouse dendritic cells to regulate allergic inflammation
Stephanie	Medina	IL-8 Instructs Macrophage Identity in Lateral Ventricle Contacting Glioblastoma
Andrew	Pahnke	3-oxo-lithocholic acid reduces Th17 cell differentiation through suppression of ROR-gt
Abigail	Rich	The SRSF2P95H splicing factor mutation exerts distinct splicing effects across myelopoiesis that converge upon dysregulated G-CSFR signaling
Colleen	Roark	New clinical and immunological phenotypes of ZBTB24 deficiency in immunodeficiency, centromeric instability, and facial anomalies syndrome type 2
Louise	Rollins-Smith	<i>Macrophages at the center of amphibian antifungal defenses and targets of fungal counter defenses</i>
Cherie	Saffold	Extracellular Vesicle and Protein Bound YRNA Levels Increase in the Allergic Airways
Mohammad	Saleem	Myeloid-specific JAK2 contributes to Inflammation and Salt-Sensitivity of Blood Pressure
KayLee	Steiner	Mitochondrial Fatty Acid Synthesis and Mecr Regulate CD4+ T Cell Function and Oxidative Metabolism
Victoria	Stephens	HIV-Induced Immunomodulatory Effects and the Development of Cardiometabolic Disease in High-Fat Diet-Conditioned Mice
Teresa	Tamborra-Walton	The role of glutaminase in the cross-presentation of cell-associated antigens by type 1 conventional dendritic cells
Yasmine	Toudji	Investigating the adaptation response of CD4 ⁺ T cells to heat
Robert	Watson	Mitochondrial dysfunction precipitates <i>Mycobacterium tuberculosis</i> susceptibility
Raymond	Zhang	VISTA-Mediated Immune Evasion in Myelodysplastic Syndrome
Xin	Zhen	Defining the Effects of Glycolytic Impairments in Human T cells through Studying G6PC3 Deficiency