

TTT Scientific Retreat

Wednesday, April 17, 2024

- 3:00 – 4:00 pm ***Registration and Poster Set-up – Assembly Crane Shed***
- 4:00 – 4:10 pm ***Welcome and Introduction – Assembly Auditorium***
Greg Delgoffe, PhD
Associate Professor, Dept. of Immunology
- 4:10 – 5:30 pm ***Poster Session (Odd Numbers) and Reception – Assembly Crane Shed***

Thursday, April 18, 2024

Session I: Tissue Control of T cell Exhaustion

- 8:00 – 9:00 am ***Registration, Continental Breakfast and Poster Set-up***
Assembly Crane Shed
- 9:00 – 9:30 am **Faruk Sacirbegovic, PhD**
Assistant Professor, Dept. of Surgery
Maintenance of Immune Responses in Tissue Environments: Lessons from GVHD and Organ Rejection
- 9:30 – 10:00 am **Abby Overacre, PhD**
Assistant Professor, Dept. of Immunology
Microbial Drivers of T cell Exhaustion in Tumors
- 10:00 – 10:30 am **Jeremy Tilstra, MD, PhD**
Assistant Professor, Dept. of Medicine, Div. of Rheumatology
T cell Exhaustion as a Mechanism of Peripheral Tolerance in Autoimmunity
- 10:30 – 10:45 am **Ronal M. Peralta**
Graduate Student (YR4+) – Delgoffe Lab
Lactate Update Through MCT11 Enforces Dysfunction in Terminally Exhausted T cells
- 11:00 – 11:15 am ***Coffee Break – Crane Shed***

Session II: Regulators, Mount Up – Maintaining Tolerance in Tissues

- 11:15 – 11:45 am **Jing Li, PhD**
Assistant Professor, Dept. of Immunology
Cancer Immunology and Immunotherapy Program, Hillman Cancer Center
Maintenance of Immune Tolerance by Kir⁺ CD8⁺ Regulatory T cells
- 11:45 – 12:15 pm **Anuradha Ray, PhD**
Professor of Medicine and Immunology; Dept. of Medicine, Div. of
Pulmonary Allergy and Critical Care and Sleep Medicine; UPMC Endowed
Chair in Lung Immunology
Mitochondria Rule in Airway Tolerance But Foul in Severe Asthma
- 12:15 – 12:45 pm **David Rothstein, MD**
Pittsburgh Steelers Chair in Transplantation; Professor, Depts. of Surgery,
Medicine and Immunology; Thomas E. Starzl Transplant Institute
*A Tale of Two TIMs: Regulatory and Effector B cells in Tumors and
Transplantation*
- 12:45 – 1:00 pm **Kevin Quann, MD, PhD**
Faculty Instructor – Warren Shlomchik Lab
*A Novel High-Throughput Method for Identifying T-cell Receptor: Minor
Histocompatibility Antigen Interactions in Mouse Models of Graft-vs-Host
Disease*
- 1:00 – 1:45 pm **Lunch – Crane Shed**

Session III: Making Memories in Tissues

- 1:45 – 2:15 pm **Timothy Hand, PhD**
Associate Professor, Dept. of Pediatrics
Trms in the Gut
- 2:15 – 2:45 pm **Fadi Lakkis, MD**
Scientific Director, Starzl Transplantation Institute; Frank and Athena Sarris
Chair in Transplantation Biology; Distinguished Professor of Surgery;
Professor of Immunology and Medicine
Function and Maintenance of Resident Memory T cells in Transplantation
- 2:45 – 3:00 pm **Luzmarie Medina Sanchez**
Graduate Student (YR4+) – Hinterleitner Lab
*The Gut Protist Trichomonas Arnold Restrains Virus-Mediated Loss of Oral
Tolerance by Modulating Dietary Antigen-Presenting Dendritic Cells*

- 3:00 – 4:00 pm **Keynote Speaker**
Marco Colonna, MD
Robert Rock Belliveau, MD Professor of Pathology and Immunology
Professor of Medicine
Washington University School of Medicine in St. Louis
TREM and LILR Receptors in Neurodegeneration and Cancer
- 4:00 – 5:20 pm **Poster Session (Even Numbers) and Reception – Crane Shed**
- 5:20 – 5:30 pm **Closing Remarks and Announcement of Poster Winners**

Acknowledgements:

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Amy Nye – Thomas E. Starzl Transplantation Institute
Warren Shlomchik, MD – Dept. of Medicine
Sam Petzold – UPMC Hillman Cancer Center