

**NorthShore University
HealthSystem
&
Purdue University**

**NIDDK P20 Center Symposium
“Leukocyte Phenotypes Associated with BPH”**

**NorthShore University HealthSystem
Research Institute
1001 University Place, Evanston, IL
Conference Rooms 118**

PROGRAM

Thursday, August 29, 2019

7:30 AM – 5:00 PM

Breakfast

7:30 AM - 8:45 AM

Meeting Program - AM

8:55 AM – 9:00 AM

Welcome – Hayward/Ratliff

9:00 AM - TBD

Amy Moran, PhD Assistant Professor of Cell, Developmental and Cancer Biology, OHSU
scRNAseq reveals T cell states associated with response and resistance to PD-1 blockade
in advanced prostate cancer

TBD

Gregory Cresswell, Ph.D. Purdue University
Pro-inflammatory modulation of the prostate tumor microenvironment through folate
targeting of immunosuppressive myeloid cells.

TBD

Sheena Kerr, Ph.D. Research Scientist UW Madison
Leukocyte/epithelial interactions in organotypic models

TBD

Susan Crawford, M.D., NUHS
Adipocyte/stromal crosstalk in the prostate: microfluidic approach

Lunch

12:00 PM - 1:00 PM

Meeting Program - PM

1:00pm - TBD

Brian Helfand, M.D., Ph.D. NUHS
The problem of BPH and its relationship to LUTS

TBD

Simon Hayward, Ph.D. NUHS

Mouse and human models suggest immune involvement in benign prostate enlargement

TBD

Timothy Ratliff, Ph.D. Purdue University

Inflammation Impacts Androgen Receptor Signaling in murine Basal Prostate Stem Cells

TBD

Renee Vickman, Ph.D. NUHS

The Inflammatory Cell Landscape of Benign Prostatic Hyperplasia

TBD

Nadia Atallah Lanman, Ph.D. Purdue University

Gaining insight into the heterogeneity of Benign Prostatic Hyperplasia using single-cell RNA-seq

TBD

Meaghan Broman, D.V.M. Purdue University

Immune cell ligand-receptor interactions in Benign Prostatic Hyperplasia

Symposium Adjournment

Travel Awards

A limited number of travel awards are available to Graduate Students, Post-Doc Fellows and Early Stage Investigators through the NIDDK CAIRIBU.

Contact: Kristina Penniston, PhD

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Phone: 608-265-9797

Website: <https://niddkcairibu.urology.wisc.edu/opportunities-and-awards/>