

# cascadia mucosal biology symposium

allen institute/ UW Medicine

## Symposium Program September 10 – 11, 2026

### Thursday, September 10<sup>th</sup> – 9:30AM – 6:00 PM, hosted at the Allen Institute

| Time            | Activity                      | Location       |
|-----------------|-------------------------------|----------------|
| 9:30 – 10:00 AM | Registration & arrival coffee | Lobby & Atrium |

|           |                                            |            |
|-----------|--------------------------------------------|------------|
| Session I | Intestinal Epithelium   Chair: Adam Savage | Auditorium |
|-----------|--------------------------------------------|------------|

|                  |                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:00 – 10:15 AM | Welcome & introduction                                                                                                                                |
| 10:15 – 11:00 AM | <b>Ophir Klein</b> – Mucosal Cross-Talk: From Homeostasis to Repair                                                                                   |
| 11:00 – 11:30 AM | <b>Adam Lacy-Hulbert</b> – TGF-beta Activation by Integrins Maintains Immune Homeostasis                                                              |
| 11:30 – 11:45 AM | <b>Alexis Gibson</b> – Inflammasome activation in intestinal epithelial cells drives cell extrusion via prostaglandin E receptor 4 (Ptger4) signaling |
| 12:00 – 1:30 PM  | Lunch                                                                                                                                                 |

|            |                                   |            |
|------------|-----------------------------------|------------|
| Session II | Airways   Chair: Kennidy Takehara | Auditorium |
|------------|-----------------------------------|------------|

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|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1:30 – 2:00 PM | <b>Jason Debley</b> – Airway Epithelial Antiviral Responses and Exacerbation Endotypes in Childhood Asthma                                                        |        |
| 2:00 – 2:15 PM | <b>Jorge Gomez Medellin</b> – Inflammation-associated Lymphangiogenesis promotes local B cell responses through initiation of bronchus-associated lymphoid tissue |        |
| 2:15 – 2:30 PM | <b>Riley Zielinski</b> – The dual roles of CD200R in limiting early Bacterial clearance of Mycobacterium tuberculosis and restricting immunopathology             |        |
| 2:30 – 3:00 PM | <b>Carmen Mikacenic</b> – Altered Mucosal Immune Responses in Rheumatoid Arthritis                                                                                |        |
| 3:00 – 3:30 PM | Lightning Talks                                                                                                                                                   |        |
| 3:30 – 6:00 PM | Poster Session + Reception                                                                                                                                        | Atrium |

Friday, September 11<sup>th</sup> - 8:00 AM – 2:30 PM, hosted at the University of Washington, SLU campus

| Time             | Activity                                                                                                                                                 | Location   |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 8:00 – 8:30 AM   | Coffee & Pastries                                                                                                                                        | Atrium     |
| Session III      | Microbes in the Intestine   Chair: Emma Lederer                                                                                                          | Auditorium |
| 8:30 – 9:00 AM   | <b>Nina Salama</b> – Helicobacter pylori tissue engineering creates new bacterial niches enhancing stomach cancer risk                                   |            |
| 9:00 – 9:15 AM   | <b>Tighe Christopher</b> – The gut that remembers: a PGD2-CRTH2 checkpoint for the resolution of type 2 remodeling                                       |            |
| 9:15 – 9:30 AM   | <b>Thornton Thompson</b> – Intestinal helminth infection promotes an enteric viral coinfection independent of tuft cells and type 2 immunity             |            |
| 9:30 – 10:00 AM  | <b>Neel Dey</b> – TBD                                                                                                                                    |            |
| 10:00 – 10:30 AM | Coffee break                                                                                                                                             |            |
| Session IV       | IBD & Colorectal Cancer   Chair: Oliver Harrison                                                                                                         | Auditorium |
| 10:30 – 11:00 AM | <b>Missy Wong</b> – Macrophage-Tumor Cell Fusion in Intestinal Cancer: Impact on Tumor Progression, Early Detection, and Treatment Response              |            |
| 11:00 – 11:15 AM | <b>TJ Ekstrom</b> – Phenotypic analyses of immune microenvironment across the dysplasia to colorectal cancer disease progression                         |            |
| 11:15 – 11:30 AM | <b>Tim Nice</b> – Interferon regulatory factor 6 (IRF6) in the intestine during homeostasis and disease                                                  |            |
| 11:30 – 12:00 PM | <b>Molly Thomas</b> – Lessons in Intestinal Tolerance Learned from Patients with Checkpoint Inhibitor Colitis                                            |            |
| 12:00 – 1:00 PM  | Lunch                                                                                                                                                    |            |
| Session V        | Neuro-Immunity   Chair: Jakob von                                                                                                                        | Auditorium |
| 1:00 – 1:30 PM   | <b>Jhimmy Talbot</b> – Epithelial-neuro-immune circuits in the intestine regulating type 2 immune responses                                              |            |
| 1:30 – 1:45 PM   | <b>Charu Mehta</b> – The nose-brain barrier: A neuro-immune barrier that prevents influenza A virus infection of the brain through the olfactory pathway |            |
| 1:45 – 2:00 PM   | <b>Marito Hayashi</b> – Intestinal sensory cells that differentially control ingestion-induced physiology and behavior                                   |            |
| 2:00 – 2:30 PM   | <b>Lisa Osborne</b> – TBD                                                                                                                                |            |

## Event Sponsors

