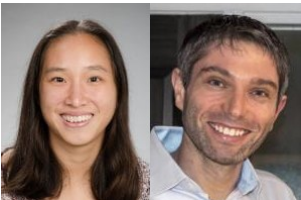


Publications of the Week

Dendritic Cells Regulate the Innate-Adaptive Balance in Lymph Nodes for Optimal Host Defense

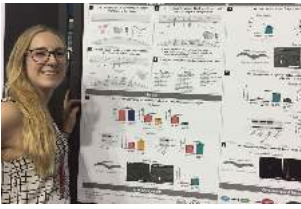
First Author: Jessica Huang (*pictured, left*) | Senior Author: Michael Gerner (*right*)
Cell | UW



Lymph nodes (LNs) enable innate defense to limit pathogen dissemination while also driving adaptive immunity. Yet, certain innate responses can restrict adaptive processes, suggesting that these must be tightly regulated. Here, researchers report that after infection or immunization, LN architecture is rapidly altered, with large-scale, polarized recruitment of neutrophils and monocytes from inflamed blood vessels and intranodal repositioning of natural killer cells. [Abstract](#)

Calcineurin Depletion Coincides with Phosphorylated TDP-43 Deposition in a Mouse Model of ALS/FTLD-TDP

First Author: Sarah Waldherr (*pictured*) | Senior Author: Nicole Liachko
Acta Neuropathologica Communications | Veterans Affairs Puget Sound Health Care System and UW



Amyotrophic lateral sclerosis (ALS) and frontotemporal lobar degeneration (FTLD-TDP) exhibit predominantly cytoplasmic phosphorylated inclusions of the protein TDP-43 as the major neuropathological lesion. Here, researchers show in an inducible mouse model of ALS/FTLD-TDP driven by expression and cytoplasmic mislocalization of human TDP-43, calcineurin protein decreases dramatically in the brain. [Abstract](#)

[View All Publications](#)

Awards

Dr. Nancy Davidson Receives Science of Oncology Award

UW Medicine



Dr. Nancy Davidson (*pictured*), Professor of Hematology and Oncology, is the 2026 recipient of the David Karnofsky Science of Oncology Award from the American Society of Clinical Oncology. Dr. Davidson is being recognized for decades of groundbreaking work spanning preclinical studies on epigenetic changes in breast cancer to leading phase III clinical trials that have helped advance patient care.

[Read More](#)

SeaBridge Selects Inaugural Cohort of Eight Fellows from UW and Fred Hutch

Brotman Baty Institute



The first cohort of postdoctoral researchers has been selected for the SeaBridge Fellowship, a translational research training program affiliated with the Seattle Hub for Synthetic Biology focused on cell and genome programming technologies. The cohort includes Drs. Changho Chun (*pictured*), Ian Linde, Abigail Nagle, Stephanie Sansbury, Zachary Stevenson, Julie Trolle, Arata Wakimoto, and Rachel Wellington. [Read More](#)

[View All Awards](#)

Local News

“Keep Asking the Next Question:” Lessons Rhodes Scholar Shubham Bansal Learned at BRI

Benaroya Research Institute (BRI)



A senior at UW, Shubham Bansal (*pictured*) recently earned one of the highest academic honors a student can get: a Rhodes Scholarship. After nearly four years of volunteering in the Linsley lab at BRI, he will soon be heading to Oxford University, but he takes the lessons from BRI with him. “One of the biggest lessons I’ve learned from Dr. [Peter] Linsley is how to iterate and build on your results,” Shubham said. [Read More](#)

Just – Evotec Biologics Receives Grant from Gates Foundation for AI-Driven Optimization of Monoclonal Antibody Developability for Affordable Access

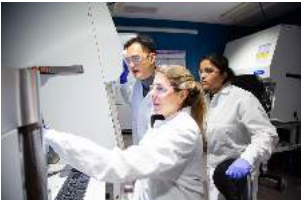
Just – Evotec Biologics



Just – Evotec Biologics has received a new grant from the Gates Foundation to enable global access to biotherapeutics utilizing Just – Evotec Biologics’ molecular design suite of computational technologies, called “J.MD™”. This will help improve the development and affordability of monoclonal antibodies to make them more affordable and accessible and prevent infectious disease in low- and middle-income countries. [Read More](#)

New Research Reveals Rheumatoid Arthritis Begins Years Before Symptoms

Health Central



Rheumatoid arthritis (RA) is often thought to begin when joints become swollen, stiff, and painful. But new research suggests that the autoimmune disease may start quietly, years before symptoms appear, deep within the immune system. A recent seven-year study by researchers from the Allen Institute and the Benaroya Research Institute followed people at higher risk for RA to better understand how the disease unfolds. [Read More](#)

New Oral Contrast Agent Improves CT Image Visualization

UW Medicine



In a new pilot feasibility study, researchers from UW found that a new imaging oral agent, also known as a “contrast agent”, helps radiologists better see bowel structures and disease in CT imaging when compared with the current oral contrast agents. The findings suggest this new agent significantly improves visualization of inflammatory bowel disease or cancer within the abdomen. [Read More](#)

AI-Era Early Detection Is Shifting Healthcare from Reactive to Proactive

Institute for Systems Biology (ISB)



A new review co-authored by ISB scientists outlines how advances in systems biology and AI could help detect the earliest transitions from wellness to disease, and enable interventions long before symptoms appear. In this review, the authors, including Dr. Noa Rappaport (*pictured*), describe a shift underway in precision medicine: moving from static, single biomarkers toward dynamic, systems-level signals that are tracked over time within individuals. [Read More](#)

Gates Foundation, OpenAI Launch \$50M AI Health Initiative Targeting 1000 Clinics in Africa

GeekWire



The Gates Foundation and OpenAI are launching a new partnership aimed at bringing artificial intelligence into frontline health care systems across Africa, starting with Rwanda. The initiative, called Horizon1000, will deploy AI-powered tools to support primary health care workers in patient intake, triage, follow-up, referrals, and access to trusted medical information in local languages. [Read More](#)

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📅 Upcoming Events in Seattle

February 10 6:00 PM	Winter 2026 Nature and Health Community Dinner Fremont Brewing
February 11 11:00 AM	Neuroscience Cell Types Webinar: Getting Started with Programmatic Access to ABC Atlas Data Online
February 11 12:00 PM	Immune-Related Adverse Events Webinar Series: Rheumatologic irAEs Online
April 7 6:30 PM	UW Public Lectures: Interrogating the Epigenome to Reveal Pregnancy Risks in Moms with High Blood Pressure Town Hall Seattle
September 23 8:00 AM	Stem Cell & Developmental Biology Early Career Symposium Allen Institute

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📁 Science Jobs in Seattle

- Scientist, Potency and Functional Characterization**
Bristol Myers Squibb
- Senior Research Scientist, ADME Bioanalytical**
Immunome
- Clinical Research Coordinator II**
Fred Hutch
- Scientist**
Bruker
- Research Associate II/Senior Research Associate Upstream**
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