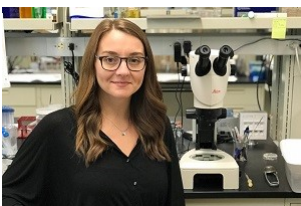


Publications of the Week

Molecular Profiling of Adult *C. elegans* Glia Across Sexes by Single-Nuclear RNA-Seq

First Author: Maria Purice (*pictured*) | Senior Authors: Manu Setty and Aakanksha Singhvi
Developmental Cell | Fred Hutch and UW



A comprehensive understanding of nervous system function requires molecular insight into the diversity and sex dimorphism of both its component cell types, glia and neurons. Here, researchers present a single-nuclear RNA sequencing (RNA-seq) census of all neuroectoderm-derived glia in the adult *C. elegans* nervous system, across sexes. [Abstract](#) | [Press Release](#)

The Alzheimer's Disease Gene *SORL1* Regulates Lysosome Function in Human Microglia

First Author: Swati Mishra (*pictured*) | Senior Author: Jessica Young
Glia | Institute of Stem Cell and Regenerative Medicine and UW



The *SORL1* gene encodes a sorting receptor that regulates endo-lysosomal trafficking of various substrates. Loss of function variants in *SORL1* are causative for Alzheimer's disease (AD). This further substantiates the microglial endo-lysosomal network as a potential novel pathway through which *SORL1* may increase AD risk and contribute to the development of AD. [Abstract](#)

[View All Publications](#) ➔

Awards

Dr. Alexander Vengerovsky Receives Dr. David J. Pierson Award for Excellence in Education and Mentoring

UW Medicine



Dr. Alexander Vengerovsky (*pictured*), Assistant Professor of Clinical Practice, is the 2025 recipient of the Dr. David J. Pierson Award for Excellence in Education and Mentoring. The third-year class of Pulmonary and Critical Care fellows bestows the award each year having the full perspective of their training, from their clinical year through their research years. [Read More](#)

Dr. Jeffrey Redinger Receives Steven R. McGee Teaching Excellence Award

UW Medicine



Dr. Jeffrey Redinger (*pictured*), Assistant Professor of General Internal Medicine, has received the 2025 Dr. Steven R. McGee Teaching Excellence Award. This award honors Dr. McGee's legacy as a master clinician and educator and is awarded to a VA Internal Medicine faculty member for exceptional teaching of students, residents, fellows, and colleagues. [Read More](#)

Dr. Andrew Hsieh Receives Bladder Cancer Research Innovation Award

UW Medicine



Dr. Andrew Hsieh (*pictured*), Professor of Hematology and Oncology, has received a 2025 Bladder Cancer Research Innovation Award from the Bladder Cancer Advocacy Network. These awards support high risk, high reward projects with great potential to produce breakthroughs in our understanding of bladder cancer. Hsieh's research aims to uncover how mutations in other commonly altered genes contribute to diversity in bladder cancer. [Read More](#)

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Local News

Promising Young Scientist: Dr. Curran Oi Demonstrates 'Creativity and Courage' as a Post-Doc in Genome Sciences

Brotman Baty Institute (BBI)



Dr. Curran Oi (*pictured*) studies what he calls "cool science" at BBI, including studying genetic mutations "in the context of a whole organism, so that developmental and tissue-specific phenotypes can be investigated." He also continues to nurture a love for synthetic biology he developed in graduate school by working on protein and RNA design projects. [Read More](#)

How Generative AI Is Helping Decode the Human Immune System

Institute for Systems Biology



In a recent ISB Research Roundtable, ISB President and Professor Dr. Jim Heath introduced a groundbreaking application of generative AI that sheds new light on the human immune system and offers a powerful tool for studying aging, cancer, infectious diseases, and chronic illnesses. At the center of the talk was TARPON, a new generative AI model developed by Dr. Heath and researcher Daniel Chen (*pictured*). [Read More](#)

Sana Biotechnology Announces Positive Six-Month Clinical Results from Type 1 Diabetes Study of Islet Cell Transplantation Without Immunosuppression

Globe Newswire



Sana Biotechnology, a company focused on changing the possible for patients through engineered cells, announced six-month follow-up results from an investigator-sponsored, first-in-human study transplanting UP421, an allogeneic primary islet cell therapy, into a patient with type 1 diabetes without any immunosuppression. The results are consistent with and build upon the previously reported four-week and twelve-week clinical results. [Read More](#)

Research Device Company Cytek Biosciences to Relocate Local Office to Bellevue

Puget Sound Business Journal



Cytek Biosciences Inc. is moving its local office from Seattle to Bellevue at Corporate Campus East III. The Fremont, California-based company is taking 30,377 square feet at the American Assets Trusted-owned office building, according to the second quarter Eastside office market report from commercial real estate firm Broderick Group. [Read More](#)

How Do You Measure Your Health? WHI Comes Up with Two Potent Indicators

Fred Hutch



For years, people have been taught that their BMI, or body mass index, can tell them how healthy they are. Unfortunately, BMI doesn't tell the whole story and may not even be as valuable as once thought, especially when it comes to determining what kind of a risk obesity poses to any one person. Women's Health Initiative's (WHI) Dr. Aaron Aragaki (*pictured*) has published a paper on using waist circumference as a biomarker of health. [Read More](#)

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📅 Upcoming Events in Seattle

July 17 - 18
8:00 AM

Cascadia Proteomics Symposium

Institute for Systems Biology

July 21 - 24
8:00 AM

Developing Open Neuroscience Teaching Tools Workshop

Allen Institute

August 4 - 5
8:00 AM

Molecular Analysis Facility Characterization Workshop

UW

August 4 - 7
8:00 AM

Teachstravaganza 2025

Allen Institute

August 14
4:30 PM

Life Science Washington Annual Summer Social 2025

118 East Blaine St.

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📁 Science Jobs in Seattle

Principal Scientist, Analytical Development, Cell Therapy

Bristol Myers Squibb

Research Scientist

UW

Bioinformatics Scientist III, Spatial Biology

Allen Institute

Clinical Research Coordinator I/II

Fred Hutch

Research Scientist II

Seattle Children's

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