Volume 8.46: November 24, 2025

Publications of the Week

Prostate-Specific Membrane Antigen Positron Emission Tomography/Computed Tomography Imaging as a Precision Diagnostic at Prostate Cancer Recurrence After Radical Prostatectomy: Modeling Long-Term Survival

First Author: Kemal Caglar Gogebakan | Senior Author: Ruth Etzioni *(pictured)*
Cancer | Fred Hutch and UW

Prostate-specific membrane antigen positron emission tomography/computed tomography (PSMA-PET/CT) is affecting the management of patients with prostate cancer with biochemical recurrence after radical prostatectomy. This decision-analytic modeling study projects that PSMA-PET/CT–guided management at biochemical recurrence after radical prostatectomy. **Abstract**

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Awards

2025 Highly Cited Researchers

UW Medicine

Rsearchers from the UW Department of Medicine have been selected as Highly Cited Researchers from the Web of Science Group. Drs. William Banks, Helen Chu, David Maloney, Ganesh Raghu *(pictured)*, Stanley Riddell, and Katherine Tuttle are among this year's researchers identified among the top 1% most cited works for their subject field and year of publication. **Read More**

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Local News

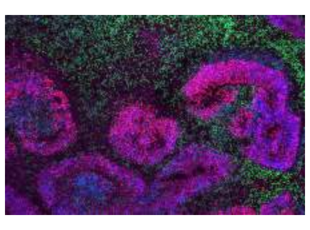
OTC Gene Variants Explained: From Testing to Care

Pacific Northwest Research Institute

Disease variants are often discovered incidentally, leaving families with unexpected results and a pressing need for clear, data-driven guidance. That's the challenge researchers, including Dr. Aimée Dudley's *(pictured)* lab, set out to address. Their latest study takes a closer look at two specific variants in the *OTC* gene and what those variants mean for individuals who carry them. **Read More**

Scientists Complete First Drafts of Developing Mammalian Brain Cell Atlases

Allen Institute



A global consortium of scientists has created the first and most detailed "developmental maps" of the mammalian brain (from mouse to human) to date, taking the first critical steps in unraveling the mystery of early brain development and the vital role it plays in health and disease. "This set of work gives us a detailed blueprint of how different brain cell types emerge and mature over time," said Dr. Hongkui Zeng, one of the lead authors on several of the studies. **Read More**

Uncommon Thinkers: A Scientist's Journey from Rural India to Turning 'Science Fiction' into Drug Candidates

GeekWire

Before he launched a venture-backed biotech startup, prior even to landing a research role in one of the world's premier academic labs, Dr. Anindya Roy *(pictured)* arrived in the U.S. with two suitcases and $2,000 in the bank. In 2023, Dr. Roy co-founded Seattle-based Lila Biologics, which uses the AI-powered protein design technology developed in the Baker lab to pursue cutting-edge medical therapies. **Read More**

A Statewide Footprint and a Growing National Scope

UW Bioengineering

The 2024-2025 academic year brought a new collaboration between the Department of Bioengineering and AVELA – A Vision for Engineering Literacy & Access. AVELA leads culturally responsive workshops designed to inspire and educate students who have been historically underrepresented in STEM. Initially launched in 2019 as a student organization at UW, it is now an independent non-profit. **Read More**

Seattle's Parse Biosciences to Be Acquired by Qiagen for $225M

GeekWire

Seattle's Parse Biosciences is teed up for an acquisition by Qiagen, a Netherlands-based holding company, in a $225 million cash deal. The transaction is expected to close in December. Parse was co-founded in 2018 by UW's Drs. Alex Rosenberg *(pictured, right)* and Charles Roco *(left)*. The company was an early entrant in the nascent field of single-cell RNA sequencing. **Read More**

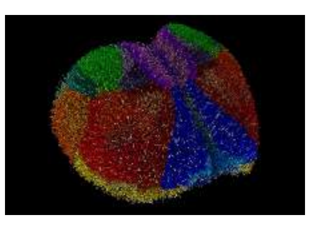
Benaroya Research Institute—A Global Resource for Disease Researchers

Fund for Science and Technology

In its inaugural tranche of grants, Fund for Science and Technology funded Benaroya Research Institute (BRI) to support its biorepository infrastructure and to support the bioinformaticians who analyze the vast datasets derived from this resource. BRI president Dr. Jane Buckner *(pictured)* sits down to speak about the biorepository and the dedicated researchers working to conquer autoimmune diseases that afflict as many as 700 million people globally. **Read More**

One of World's Most Detailed Virtual Brain Simulations is Changing How We Study the Brain

Allen Institute



Harnessing the muscle of one of the world's fastest supercomputers, researchers have built one of the largest and most detailed biophysically realistic brain simulations of an animal ever. This virtual copy of a whole mouse cortex allows researchers to study the brain in a new way: simulating diseases like Alzheimer's or epilepsy in the virtual world. **Read More**

'I Can't Remember the Last Time I Saw Someone with Bad Gut GVHD': BMT Expert Reflects on Recent Lifesaving Successes

Fred Hutch

Fred Hutch Cancer Center opened its doors 50 years ago, founded by the team that made bone marrow transplantation (BMT) a reality. Since the breakthroughs in the late 1960s Fred Hutch researchers have worked to make BMT more effective and safer for patients. "I can't remember the last time I saw someone with bad gut graft-vs.-host disease (GVHD)," said Dr. Geoffrey Hill *(pictured)*, Fred Hutch's Director of Hematopoietic Stem Cell Transplantation. **Read More**

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Upcoming Events in Seattle

December 4 7:00 PM	**Future Tense: Neuroscience, AI and Society with Cory Doctorow** Samuel E. Kelly Ethnic Cultural Center
December 7 8:00 AM	**Hope on the Court: A Pickleball Tournament for a Cure** Side Out Tsunami
December 9 3:00 PM	**Collaboration in Research: Discovery, Innovation, and Impact** Vista Cafe
December 12 9:00 AM	**2025 Virtual Microbiome Symposium** Online
Sept. 23 - 25 8:00 AM	**Stem Cell & Developmental Biology Early Career Symposium** Allen Institute

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Science Jobs in Seattle

Medical Science Liaison, Neuropsychiatry
Bristol Myers Squibb

Research Associate II, Genomics/Proteomics
Allen Institute

Clinical Research Coordinator I
Fred Hutch

Research Scientist III, Delaney Lab
Seattle Children's

Scientist I, Molecular Based Assays, Analytical Sciences
Dendreon

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