

Publications of the Week

Subcellular Nanoparticle Trafficking Investigated With Label-Free, Live Cell Imaging

First Author: Elizabeth Nelson | Senior Author: Joelle Straehla (pictured)
Nanoscale Horizons | Seattle Children's Hospital



Chimeric antigen receptor T cell therapy has shown limited synergy with immune checkpoint inhibitors, but the mechanisms underlying resistance remain unclear. Stemlike T cells coexpressing programmed cell death protein 1 (PD-1) and T cell factor 1 mediate responses to PD-1–PD-L1 blockade and are maintained by major histocompatibility complex–dependent interactions with dendritic cells in lymphoid tissues. [Abstract](#)

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Awards

Dr. Soheil Meshinchi, a Leading Expert in Acute Myeloid Leukemia, Named Dylan Burke Endowed Chair in Immunotherapy

Fred Hutch



Dr. Soheil Meshinchi (pictured), a world leader in developing novel approaches to treating acute myeloid leukemia (AML), has been named the second recipient of the Dylan Burke Endowed Chair in Immunotherapy. Dr. Meshinchi's lab focuses on researching the genetics of AML, the deadliest pediatric and adult leukemia. In the past decade, the lab has advanced multiple novel targets from the discovery stage to clinical trials. [Read More](#)

Meaningful Personally and to Society

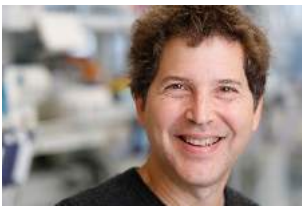
UW Department of Bioengineering



PhD student Lily Torp (pictured) has earned a Kirchstein National Research Service Award from the National Institutes of Health for her work developing genetically encoded sensors based on G protein-coupled receptors. Her work will combine G protein-coupled receptor proteins and fluorescent proteins, allowing the sensors to fluoresce when bound to a given target molecule. [Read More](#)

National Academy of Engineering Elects 130 Members and 28 International Members

National Academy of Engineering



The National Academy of Engineering (NAE) announced the election of 130 members and 28 international members to its Class of 2026. Election to NAE is among the highest professional distinctions accorded to an engineer. Among this year's cohort is Dr. David Baker (pictured) from UW for his development of computational methods to engineer novel proteins and predict protein 3D structures. [Read More](#)

[View All Awards](#)

Local News

Nine Biggest Biotech and Life Science Companies In Seattle

Cure



Greater Seattle ranks among the top 10 biotech and life science clusters in the U.S., with more than 42,000 jobs and nearly 9.3 million square feet of R&D and lab space in 2024. *Cure* has curated list of Seattle-based biotech and life science companies making an impact across the region, including companies like Callio Therapeutics and A-Alpha Bio. [Read More](#)

What's the Psychology Behind Using Dietary Supplements?

Fred Hutch



Dietary supplements aren't just biological interventions, they're psychological interventions, said Fred Hutch's Dr. Jonathan Bricker (pictured). In this episode of Bench to Bedside and Beyond, Dr. Bricker discusses the psychological reasons we turn to "quick fixes" for cancer prevention — even over science-based interventions. [Read More](#)

Fred Hutch Hematologists Featured at 2026 Tandem Meetings

Fred Hutch



Fred Hutch hematologists took center stage at the 2026 Tandem Meetings, a multidisciplinary meeting of experts in the field of blood stem cell transplantation. Drs. Boglarka Gyurkocza (pictured, left) and Naveed Ali (right) discussed their examination of how stem cell transplantation risks can be mitigated for people as well as a study on how gene expression in stem cells prior to a bone marrow transplant can change during pre-transplant "conditioning" regimens. [Read More](#)

Fred Hutch Researchers Test Privacy-First AI Platform for Cancer Research

Fred Hutch



Researchers at Fred Hutch are testing whether a collaborative AI research platform can accelerate the pace of cancer research leading to faster diagnoses and more precise, targeted therapies while safeguarding patient privacy. Drs. Simone Dekker (pictured, left) and Steve Salerno (right) working with a tool developed by Ai2 called Asta DataVoyager. [Read More](#)

Different Approach to Sleep Apnea Needed for Older Adults

UW Medicine



Researchers highlighted the urgent need for more individualized, age-adapted approaches to diagnosing and treating obstructive sleep apnea in older adults. Their article, co-authored by Dr. Michael Vitiello (pictured) of UW Medicine, was published in the April 2026 edition of *Sleep Medicine Reviews*. In it, the authors call for well-designed clinical trials specifically enrolling older and frail adults. [Read More](#)

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Upcoming Events in Seattle

March 21
10:00 AM

BrainFest 2026
Pacific Science Center

April 7
6:30 PM

UW Public Lectures: Interrogating the Epigenome to Reveal Pregnancy Risks in Moms with High Blood Pressure
Town Hall Seattle

April 25
8:00 AM

2026 Cell Signaling Breakthroughs Symposium
Renaissance Seattle Hotel

May 5
8:00 AM

BRI Immunology Symposium: New Horizons in Immunity and Disease
Bell Harbor International Conference Center

Sept. 23 - 25
8:00 AM

Stem Cell & Developmental Biology Early Career Symposium
Allen Institute

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Science Jobs in Seattle

Non-Registered Technician
Labcorp

Lead Medical Lab Scientist, Microbiology
Seattle Children's

Neuroscience Health & Science Professional
Pfizer

Research Associate III, Precision Medicine Pipeline
Allen Institute

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Philips

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