

Publications of the Week

Targeting FZD6 Creates Therapeutically Actionable Vulnerabilities for Advanced Prostate Cancer

First Authors: Yongtao Li and Zhicheng Zhou | Senior Author: Li Xin (*pictured*)
Oncogene | Fred Hutch and UW



Wnt signaling is a complex pathway consisting of numerous ligands and frizzled (FZD) receptors. These signaling components are widely expressed in human prostate tissues and often undergo upregulation or mutation in advanced prostate cancers. The authors demonstrate that targeting a single FZD receptor highly expressed in prostate cancers can yield significant therapeutic efficacy, and uncover therapeutic vulnerabilities associated with FZD6 inhibition. [Abstract](#)

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Awards

William Altemeier Receives Endowed Chair in Pulmonary Disease Research

UW Medicine



Dr. William Altemeier (*pictured*) has been recently appointed as the Endowed Chair in Pulmonary Disease Research. As the Director of the Center for Lung Biology, Dr. Altemeier leads and cultivates a collaborative and productive environment within the South Lake Union Campus. He has created a flourishing space and culture in which mentorship is woven into the fabric of the division with his authentic approach of humanism. [Read More](#)

Fostering Innovative Leaders Program

UW Medicine



Dr. Karen de Wolski (*pictured*) has been invited to participate in the American Society of Nephrology 2026 Fostering Innovative Leaders in Nephrology and Dialysis (FIND) program. FIND is a year-long leadership development experience designed to empower early-career nephrology professionals to drive innovation, advance clinical care, and champion positive change for people living with kidney diseases. [Read More](#)

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Local News

Using Advanced Analytics to Prevent Adverse COVID-19 Outcomes

Kaiser Permanente Washington Health Research Institute



Health systems need a quick and accurate way to identify patients at high risk of adverse outcomes from COVID-19 so they can ensure that potentially lifesaving medications are offered to the patients who need them most. Thanks to a novel COVID-19 risk prediction model, Kaiser Permanente Washington has had this capability since 2023. [Read More](#)

The Benefits of HIV Research? Let Us Count the Ways

Fred Hutch



A recent commentary in *Nature Medicine*, co-authored by Fred Hutch virologist and former President and Director Dr. Larry Corey (*pictured*), discusses how the impact of HIV research has been wide-ranging, contributing to advances in areas from immunology to cardiovascular disease, as well as from vaccine development to the genetic engineering strategies that have made recent advances in cellular cancer immunotherapy possible. [Read More](#)

Counting Salmon Is a Breeze with Airborne eDNA

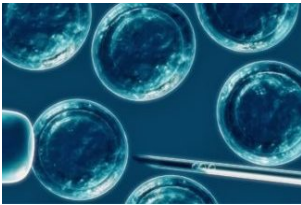
UW News



During the annual salmon run last fall, UW researchers pulled salmon DNA out of thin air and used it to estimate the number of fish that passed through the adjacent river. Dr. Aden Yinchong Ip (*pictured*), a UW research scientist of marine and environmental affairs, began formulating the driving hypothesis for the study while hiking on the Olympic Peninsula. [Read More](#)

Seattle Biotech Startup Curi Bio Lands \$10M to Expand Its R&D Support for Drug Discovery

GeekWire



Seattle biotech startup Curi Bio, which enables the screening of new drugs using cells and 3D tissue models derived from human cells, has announced \$10 million in new funding. Curi Bio's platform integrates bioengineered tissues created from iPSCs with data collection and analysis. The additional funding will expedite its development of new platforms for cardiac, skeletal muscle, metabolic, smooth muscle, and neuromuscular diseases. [Read More](#)

How Can You Use a Math Major to Forward Science?

Fred Hutch



The SeattleStatGROWS program is a Fred Hutch initiative aimed at educating and mentoring undergraduate students interested in statistics, biostatistics, informatics, or data science. The National Institutes of Health renewed funding for SeattleStatGROWS through two R25 grants totaling \$770,000. These funds help ensure the program will continue through the summer 2028 session. [Read More](#)

RFdiffusion3 Now Available

UW Institute for Protein Design



The Institute for Protein Design has released RFdiffusion3 as open-source software. This state-of-the-art AI model for biodesign is capable of generating new proteins that interact with any type of molecule commonly found inside living cells. "We built this as a general model and are sharing it freely so the scientific community can create things we haven't even imagined yet", said lead developer, Dr. Rohith Krishna (*pictured*). [Read More](#)

For Many Blood Cancer Patients, CAR T-Cell Therapy Is Game-Changing

Fred Hutch



CAR T-cell therapy, which transforms patients' own immune cells into cancer-fighting warriors, has revolutionized how physicians treat cancer, especially blood cancers. In this episode of From Bench to Bedside and Beyond, Dr. Maziar Shadman (*pictured*) explains why CAR T-cell therapy should be considered for patients who relapse. [Read More](#)

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Upcoming Events in Seattle

- | | |
|-------------------------|---|
| December 9
3:00 pm | Collaboration in Research: Discovery, Innovation, and Impact
Vista Cafe |
| December 10
10:00 am | PNRI Science Matters Seminar: Omic-Driven Precision Care in South Africa
Online |
| December 12
9:00 am | 2025 Virtual Microbiome Symposium
Online |
| December 14
2:00 pm | Sunday Science Party
Seattle Public Library Southwest Branch |
| December 15
11:30 am | LSW Institute Lunch and Learn – Funding Strategies for Life Sciences Companies
Online |

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Science Jobs in Seattle

- Senior Research Associate/Scientist I**
Outpace
- ImmunOptimize Network Clinical Trials Operations Manager**
Fred Hutch
- Postdoctoral Research Associate, Microbiology**
IEH Laboratories
- Oncology Late Stage Clinical Scientist**
Pfizer
- Scientific Project & Alliance Manager / SeaHub**
Allen Institute

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