

Publications of the Week

Genetically Encoded Interpenetrating Polymer Networks As Injectable Biomaterials for Controlled Therapeutic Protein Delivery

First Author: Murial Ross | Senior Author: Cole DeForest *(pictured)*
ACS Biomaterials Science & Engineering | UW



Injectable biomaterial depots have proven useful in confining therapeutic administration to specific bodily locations but have faced difficulties in simultaneously controlling drug release, network mechanics, and functionalization. Toward addressing these limitations, this work introduces the first recombinant protein-based interpenetrating polymer network, which researchers exploit for injectable therapeutic deposition. [Abstract](#)

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Awards

Welcome to the 2025-2026 TL1 Cohort!

Institute of Translational Health Sciences (ITHS)



ITHS is happy to introduce the latest group of investigators in their TL1 Translational Research Training Program! This exciting cohort of pre-doctoral students will spend one year in the program gaining the career development tools needed to become better translational researchers. Among this year's cohort is Tamir Nir *(pictured)* from UW. [Read More](#)

Gratitude for Life-Saving Care at Fred Hutch Leads to Endowed Chair

Fred Hutch



Dr. Madhav Dhodapkar *(pictured)*, Scientific Director of Fred Hutch's Multiple Myeloma Program, is the new holder of the Milton B. Rubin Family Endowed Chair. Dr. Dhodapkar's focus on multiple myeloma intersects with Fred Hutch's extensive history treating such disorders. He is interested in the emergence of new therapies including T-cell engagers, CAR T-cell therapy, and cancer-targeting antibodies. [Read More](#)

Fred Hutch Computational Biologist Recognized by the Pew Charitable Trusts

Fred Hutch



Computational biologist Dr. Nasa Sinnott-Armstrong *(pictured)* has been named a 2025 Pew Scholar in Biomedical Sciences. Dr. Sinnott-Armstrong will use the four-year, \$300,000 grant to develop an AI platform in combination with laboratory experiments to more efficiently evaluate potential treatments and drug candidates for Lyme disease. [Read More](#)

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Local News

Sepsis Cases Vary in Response to Standard IV Care

UW Medicine



Sepsis is a dangerous condition that happens when the body overreacts to an infection, often leading to organ failure. New research suggests why conventional treatments for sepsis vary in their effectiveness among patients. Not all sepsis patients are biologically the same, and therefore can respond very differently to fluid intervention, according to a study published by Dr. Pavan Bhatraju *(pictured)*. [Read More](#)

Bill Gates-Backed AI Competition Offers \$1M to Accelerate Alzheimer's Research

GeekWire



A \$1 million global competition that aims to accelerate Alzheimer's disease research using AI has launched with support from Bill Gates and others. The contest is organized by the Alzheimer's Disease Data Initiative and specifically targets the innovative use of agentic AI, which is AI that can behave autonomously, performing reasoning and decision making. [Read More](#)

EthnoMed Podcast

UW Medicine



Dr. Duncan Reid, Clinical Assistant Professor of General Internal Medicine at UW, has created a podcast to highlight the diverse backgrounds and journeys of people in medicine. The podcast is a natural addition to the EthnoMed program, which provides a cultural bridge connecting providers and patients who come from refugee, immigrant, and migrant backgrounds. [Read More](#)

Fund for Science and Technology Announces Inaugural Grants, Planning at Least Half a Billion Dollars in the Next Four Years

Fund for Science and Technology



The Seattle-based Fund for Science and Technology announced an inaugural suite of grants and its plan to fund at least \$500 million over the next four years to support transformational science and technology for people and the planet. Early grantees include Benaroya Research Institute, Fred Hutch, Seattle Children's, and the College of the Environment at UW. [Read More](#)

Microsoft Co-Founder Paul Allen's Final Act: New \$3.1B Foundation Bets Big on Science and Tech

GeekWire



Even in the final years of his life, Microsoft co-founder Paul Allen was as excited as ever about what the future would bring for science, technology, and the world—telling GeekWire in a 2017 interview, "It really is a golden age of what's possible." Allen's optimism—and the impact of his wealth—will live on in a new nonprofit foundation charged with making bold bets on the future with an initial \$3.1 billion endowment. [Read More](#)

Allen School Researchers Develop Machine Learning Technique to Capture the Chatter Between Brain Regions

UW Paul G. Allen School of Computer Science & Engineering



A team of researchers led by Allen School Professor Dr. Matt Golub *(pictured)* has developed a new machine learning technique to cut through noise and identify communication between brain regions. The technique, called Multi-Region Latent Factor Analysis via Dynamical Systems (MR-LFADS), uses multi-region neural activity data to decode how different parts of the brain talk to each other—even when some parts can't be directly observed. [Read More](#)

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Interesting Articles

Register Now for the 2025-2026 Team Science Seminar Series

Institute of Translational Health Sciences



The Institute of Translational Health Sciences (ITHS) has announced the fourth year of the ITHS Team Science Seminar Series. The theme for 2025-26 will be Bridging the Gap: Operationalizing Team Science Framework to Enhance Effectiveness of Interdisciplinary Collaborations. This free seminar series was developed in response to a growing demand for team science education and training for researchers, faculty, and staff. [Read More](#)

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Upcoming Events in Seattle

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| September 5
6:00 PM | ORCA 2025 Banquet
UW Center for Urban Horticulture |
| September 13
8:00 AM | Pacific Northwest Prostate Cancer 25th Annual Conference
Fred Hutch |
| September 16
8:00 AM | Paradigms in Inflammation Research: New Ways of Thinking About and Treating Disease
Orin Smith Auditorium |
| September 16
10:30 AM | 2025 Long-Read Sequencing Symposium
UW |
| September 28 -
October 2
8:00 AM | Lake Conference – Neural Coding & Dynamics 2025
The Hyatt Regency Seattle |

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Science Jobs in Seattle

- Senior Research Scientist, TB Modeling**
Gates Foundation
- Medical Laboratory Scientist, Lead**
Seattle Children's
- Oncology Early Stage Clinical Scientist**
Pfizer
- Clinical Research Coordinator I/II**
Fred Hutch
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UW

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