

Publications of the Week

Distinct Tissue Niches Contribute to Prostate Tissue-Resident Memory CD8⁺ T Cell Differentiation and Heterogeneity

First Author: Kennidy Takehara (*pictured*) | Senior Author: Ananda Goldrath
Immunity | Allen Institute for Immunology



The prostate is an important exocrine organ, a barrier tissue of the male reproductive system, and a common site of malignancy, yet CD8⁺ T cells in the prostate remain largely uncharacterized. Here, researchers show that a protective, heterogeneous pool of long-lived, tissue-resident memory CD8⁺ T cells forms in the prostate following acute infection in mice. [Abstract](#)

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Awards

Dr. Lauren Pollack Receives IMPACT Collaboratory Career Development Award

UW Medicine



Dr. Lauren Pollack (*pictured*), Acting Assistant Professor of Pulmonary, Critical Care, and Sleep Medicine, has received the James L Radolph Career Development Award from the National Institute on Aging Imbedded Pragmatic AD/ADRD Clinical Trials (IMPACT) Collaboratory. This award prepares emerging investigators to lead embedded pragmatic clinical trials that improve care for people living with dementia and their care partners. [Read More](#)

Dr. Shijie Cao's PRIME Lab Receives NSF CAREER Award

The Molecular Engineering & Sciences Institute (MoIES)



Dr. Shijie Cao (*pictured*), Assistant Professor in the Department of Pharmaceutics, leads the PRIME Lab (Pharmaceutical Research in Immune & Microbiome Engineering Laboratory) at MoIES. The lab's research on the gut microbiome and the compounds it produces was recently recognized with a National Science Foundation CAREER Award. [Read More](#)

Dr. Namrata Singh Receives Excellence in Mentoring Women Faculty Award

UW Medicine



UW Medicine congratulates Dr. Namrata Singh (*pictured*), Associate Professor of Rheumatology, who is a recipient of the 2025 School of Medicine Excellence in Mentoring Women Faculty Award. This award recognizes the importance of mentoring women faculty by faculty at all levels. Dr. Singh uniquely fosters joy, community, and belonging through initiatives like revitalizing UW Women in Rheumatology. [Read More](#)

Is There a Way to Boost Immunotherapy Response?

Fred Hutch



Immunotherapy has joined surgery, radiation, and chemotherapy as one of the major pillars of cancer treatment, one that sometimes results in lifelong protection against a cancer ever coming back. Fred Hutch molecular biologist Dr. Kevin Barry (*pictured*) just received a grant from the American Cancer Society to boost the effectiveness of immunotherapy in patients with advanced melanoma. [Read More](#)

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Local News

Answering WHO's Call with a New Way to Track How Well We're Fighting the Flu

Fred Hutch



Last fall, a Fred Hutch graduate student hopped on a 4 a.m. video conference call with scientists from the World Health Organization (WHO) to talk about a blood-testing method developed at Fred Hutch that could improve the effectiveness of seasonal flu vaccines. Caroline Kikawa (*pictured*), a graduate student working with Fred Hutch evolutionary biologist Dr. Jesse Bloom was excited to talk about the method the Bloom Lab has developed. [Read More](#)

The Drug That Stops Cancer Also Teaches It How to Escape

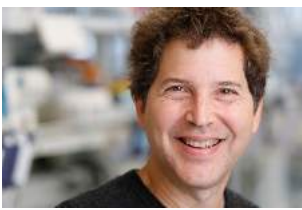
Institute for Systems Biology (ISB)



Targeted therapy is often described as a battle against mutations. A drug hits its target, tumors shrink, and the cells that survive are the ones that happened to carry the right genetic changes. New research from Dr. Wei Wei's (*pictured*) lab at ISB shows that some cancer cells don't wait for mutations to rescue them. Instead, they adapt by changing who they are. [Read More](#)

Nobel Prize Winner David Baker Vows to Stay in Seattle, Says Best Work Is Still Ahead

Puget Sound Business Journal



Nobel Prize-winning biochemist Dr. David Baker (*pictured*) is staying in Seattle to focus on advancing computational protein design, despite increased global attention. In a new article, Dr. Baker highlights Seattle's growth into a viable biotech startup hub and remains committed to his lab, emphasizing that his most important scientific contributions are still ahead. [Read More](#)

Promising Young Scientist: Gabrielle Ferra Likes to 'Parse Out Problems and Understand Them'

Brotman Baty Institute



Gabrielle Ferra (*pictured, left*) started her PhD program in the Department of Genome Sciences in September of 2020. Working with Drs. Maitreya Dunham (*right*) and Kelley Harris (*center*), she helped develop a barcode-variant mapping tool for long-read sequencing, benchmarking performance, and optimizing parameters to reduce sequencing artifacts and improve variant quantification. [Read More](#)

Seattle Children's Research Institute, Benaroya Research Institute at Virginia Mason Franciscan Health, and GentiBio Highlight Long Standing Scientific Collaboration Advancing GNTI 122 Into the Clinic

Benaroya Research Institute



Seattle Children's Research Institute, Benaroya Research Institute, and GentiBio issued a joint statement highlighting their long standing scientific collaboration supporting the development of GNTI-122 and the ongoing POLARIS Phase 1 clinical trial in adults recently diagnosed with type 1 diabetes. GNTI-122 brings together three key technological pillars in a single engineered cell therapy. [Read More](#)

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Upcoming Events in Seattle

April 29 9:00 AM	NW Nature & Health Symposium wəˈnəbʰəltx* – Intellectual House
May 5 8:00 AM	Seattle DROP: Discover Research Opportunities for Postdocs Online
May 5 8:00 AM	BRI Immunology Symposium: New Horizons in Immunity and Disease Bell Harbor International Conference Center
May 16 10:00 AM	UW Biology Presents: Biology Open House UW Life Sciences Building
May 20 6:00 PM	Seattle AWIS: Lumen Bioscience: Drugs from Algae Fred Hutch

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Science Jobs in Seattle

- Field Service Engineer**
STEMCELL Technologies
- Research Study Coordinator 1**
UW
- Scientist, SBX Molecular Engineering**
Roche
- Genomics Lab Technician**
Parse Biosciences
- Postdoctoral Fellow, Heike McKinney Lab**
Seattle Children's

[View 80 Other Science Jobs](#) | [Submit a Job](#)

THIRD ANNUAL
BRI IMMUNOLOGY SYMPOSIUM
New Horizons in Immunity and Disease

May 5, 2026 | 8:30 a.m. – 5:30 p.m.
Bell Harbor International Conference Center
Benaroya Research Institute
Virginia Mason Franciscan Health

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