



Publications of the Week

A Distinct Effector B Cell Population Drives Autoantibody Production in SARS-CoV-2 Infection

First Author: Dan Yuan | Senior Author: James Heath (pictured)
Immunity | Institute for Systems Biology, Swedish Medical Center, Fred Hutch, and UW



Autoantibodies (autoAbs) are linked to mortality and Long COVID, yet their cellular origins remain unclear. Researchers analyzed the INCOV cohort's participants with varying autoAb abundance and integrated single-cell RNA-seq and ATAC-seq data from B cells, plasma proteomics, proteome-wide autoAb profiling, clinical data, and *in vitro* assays. These findings identify DN2s as key precursors of autoAb-producing cells during SARS-CoV-2 infection. [Abstract](#)

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Awards

Unraveling How Immune Aging Influences Health Outcomes for Survivors of Childhood Blood Cancers

Fred Hutch



Fred Hutch and Seattle Children's pediatric immunologist Dr. Kavita Dhodapkar (pictured) recently received a five-year, \$3.7 million R01 from the National Institute on Aging to investigate how immune aging may influence long-term health outcomes in survivors of pediatric cancer. "The idea that survivors of childhood cancer age faster has been suggested, but the impact on immune system is understudied," Dr. Dhodapkar said. [Read More](#)

Fred Hutch Cancer Center to Lead \$15 Million National Clinical Trial Initiative for Older Adults With Acute Myeloid Leukemia

Fred Hutch



A newly funded national clinical trial initiative will gather critical evidence to determine the best treatment strategies for older adults with acute myeloid leukemia. The five-year, \$15 million funding award from the Patient-Centered Outcomes Research Institute will be led by Fred Hutch physician and stem cell transplant expert Dr. Mohamed Sorrow (pictured) and will support three national randomized trials. [Read More](#)

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Local News

Study Tells Why Widely Used Lab Test Misdiagnoses Norovirus

UW Medicine



A lab test widely used to determine the cause of a patient's diarrhea often incorrectly implicates the stomach bug norovirus, according to researchers at UW. They found that the test inadvertently interacts with 78 bacteria normally found in the gut, leading to misdiagnoses. Dr. Alexander Greninger (pictured) is the senior author of the study, which appears in the *Journal of Clinical Microbiology*. [Read More](#)

Dr. Kinahan Named Editor-in-Chief of Medical Physics

UW Department of Bioengineering



UW Bioengineering's Dr. Paul Kinahan (pictured) has been named Editor-in-Chief of *Medical Physics*, the flagship journal of the American Association of Physicists in Medicine. Dr. Kinahan's appointment will begin in January 2027. Launched more than 50 years ago, *Medical Physics* publishes high-impact research in physics, imaging science, radiation therapy, and engineering in medicine. [Read More](#)

BRI Bring Innovative Pancreas Cancer Trial to Pacific Northwest

Benaroya Research Institute (BRI)



In 30 years of caring for people with pancreas cancer, Dr. Vincent Picozzi (pictured) hasn't seen much improvement in treatment or outcomes. That may be changing thanks to an investigational new therapy called daraxonrasib. "A drug that targets the genetic mutations driving most pancreas cancers is something we've been hoping for for a very long time," Dr. Picozzi said. [Read More](#)

Ep. 140: "T Cells Under Pressure" Featuring Dr. Martin Prlc

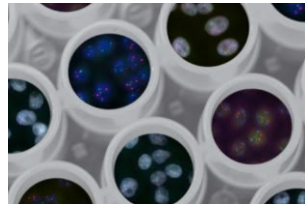
The Immunology Podcast



Dr. Martin Prlc (pictured) is a Professor in the Vaccine and Infectious Disease Division at Fred Hutch. He is the latest guest on the Immunology Podcast where he discusses the challenges of studying human immunology and how his lab uses advanced single-cell technologies to understand T cell responses across healthy, inflamed, and tumor tissues. [Read More](#)

Lumen Bioscience Awarded Up to \$7 Million to Advance Phase I Clinical Development of Host-Directed Antiviral Countermeasure

Lumen Bioscience



Lumen Bioscience announced that it has been awarded funding up to \$7 million from the Department of War's Capability Program Executive for Chemical, Biological, Radiological and Nuclear Defense for LMN-1001, the company's host-directed antiviral candidate. The award will fund a Phase I clinical trial evaluating the safety, tolerability, pharmacokinetics, and pharmacodynamic activity of single and multiple intranasal doses of LMN-1001. [Read More](#)

Molecular Switch to Help Prostate Cancer Change Its Biology

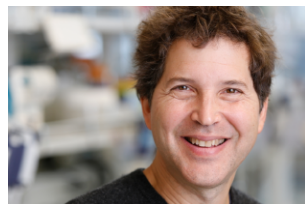
UW Medicine



Cellular shapeshifting plays a key role in drug resistance and the spread of cancer to other tissues. Research published in the *Journal of Clinical Investigation* by Dr. Andrew Heih's lab at UW shows that the same mechanisms that aggressive prostate cancer cells manipulate to elude therapy can be used against them, forcing them to shapeshift back into their more treatable form. [Read More](#)

UW Researchers Lead and Support New 'AI-For-Science' Genesis Mission Awards

UW News



UW researchers are leading and collaborating on four research projects as part of Phase 1 in the U.S. Department of Energy (DOE) Genesis Mission. Dr. David Baker (pictured), Director of the Institute for Protein Design, and his colleagues are contributing to two Phase I Genesis Mission projects that apply advances in protein design and AI to challenges beyond traditional biomedical applications. [Read More](#)

AI BioDesign Accelerator Combines Experimental Biology and Artificial Intelligence to Learn Nature's Design Rules

Allen Institute



Researchers from the Allen Institute, UW, and Fred Hutch are being supported by Fund for Science and Technology to build open AI models, datasets, and tools. The AI BioDesign team, including researchers like Dr. Sug Pingley (pictured), will help scientists create new biological solutions to improve human health, address environmental challenges, and spur advanced technologies. [Read More](#)

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Upcoming Events in Seattle

Sept. 15 - 16 8:00 AM	Emerging Connectomics of Thalamus and Striatum Workshop Allen Institute
September 22 6:00 PM	Organization of Regulatory and Clinical Associates 2026 Reception Fred Hutch
September 22 6:00 PM	Nature & Health Community Dinner Fremont Brewing
September 23 - 25 8:00 AM	Stem Cell & Developmental Biology Early Career Symposium Allen Institute
September 25 4:00 PM	Early Career Stem Cell & Developmental Biology Networking Social Dexter Yard

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Science Jobs in Seattle

Scientist II, Molecular and Proteomic Immunology Allen Institute
Scientist, QC Compliance, Cell Therapy Bristol Myers Squibb
Medical Lab Scientist, Bellevue Lab Seattle Children's
Research Study Coordinator 1, NW Biospecimen/NW Biotrust UW
Bioinformatics Intern Trainee Fred Hutch

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SCIENCE SEATTLE
alleninstitute/21

Early Career Networking Social
September 25, 2026 | 4:00 - 6:30 p.m.
Dexter Yard, Seattle

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