

Publications of the Week

An Alveolar Macrophage-Targeted Ciprofloxacin Polymeric Prodrug Improves Survival in a Murine Model of *Klebsiella pneumoniae* Pneumonia

First Author: Ciana López (*pictured*) | Senior Author: Patrick Stayton
ASM Antimicrobial Agents and Chemotherapy | UW



Klebsiella pneumoniae is a leading cause of both hospital- and community-acquired pneumonia. Nanomaterials have the potential to deliver antibiotics directly to sites of infection with improved pharmacokinetics and to avoid development of antimicrobial resistance. Here, researchers show that the alveolar macrophages can also serve as a reservoir for releasing antibiotics to treat infections caused by a primarily extracellular bacterium. [Abstract](#) | [Press Release](#)

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Awards

Washington Research Foundation Announces 2026 Cohort of WRF Postdoctoral Fellows

Washington Research Foundation (WRF)



Washington Research Foundation has awarded three-year postdoctoral fellowships to a new cohort of twelve early-career researchers who will pursue innovative, high-impact projects in the natural sciences and engineering. The 2026 WRF Postdoctoral Fellows, like Dr. Winston Dredge (*pictured*), will carry out research of their own design at the Institute for Systems Biology, UW, and WSU, addressing scientific challenges with the goal of enabling innovative discoveries. [Read More](#)

Dr. Julie Gralow Named One of the 100 Most Influential People in Oncology

UW Medicine



Dr. Julie Gralow (*pictured*), UW Professor Emeritus of Hematology and Oncology, has been named on the 100 most influential people in oncology in 2025 . The list recognizes the changemakers in cancer care who have helped shape current practice in oncology and continue to drive innovation and research towards better outcomes, advocacy, philanthropy, leadership, and education. [Read More](#)

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Local News

Microbial Metabolites and Human Health Take Center Stage at ISB’s 2025 Virtual Microbiome Symposium

Institute for Systems Biology



More than 1000 people, including researchers, clinicians, and trainees from over 70 countries, registered online for the Institute for Systems Biology’s 2025 Virtual Microbiome Symposium. This free, global event focused on one of the fastest-moving frontiers in biomedical science: how microbial metabolites shape human physiology, development, and disease. [Read More](#)

Dr. Joe Albe Joins Washington Research Foundation as Manager of Grants and Venture Research

Washington Research Foundation



Dr. Joe Albe (*pictured*) has joined Washington Research Foundation (WRF) as its full-time manager of grants and venture research. In this new role, he will apply his scientific and technical expertise, market insight and operational experience to strengthen diligence across WRF’s grantmaking and venture investment programs. He will additionally lead the WRF Venture Analyst program. [Read More](#)

2025 Year in Review: Breakthroughs, Milestones, & Moments That Defined ISB

Institute for Systems Biology (ISB)



In 2025, ISB marked a pivotal year, one that coincided with their 25th anniversary and underscored their enduring role in shaping the future of biomedical science. The year brought global recognition to ISB faculty, expanded their leadership in systems-level approaches to health and disease, and highlighted the power of interdisciplinary science to address some of today’s most complex biological challenges. [Read More](#)

2025 Year in Pictures

Fred Hutch



2025 at Fred Hutch was extraordinary not only for the groundbreaking research and compassionate care that define our mission, but also because they marked a historic milestone: their 50th anniversary. Throughout 2025, they captured moments that showcased the dedication of their colleagues, supporters, and community as they care for those in the community who need their expertise and push the boundaries of cancer and infectious disease research. [Read More](#)

Scientists Develop New Way to “Listen In” on the Brain’s Hidden Language

Allen Institute



Scientists have engineered a protein able to record the incoming chemical signals of brain cells as opposed to just their outgoing signals. These whisper-quiet incoming messages are the release of the neurotransmitter glutamate, which plays a critical role in how brain cells communicate with one another but until now has been extremely difficult to capture. [Read More](#)

BBI Year in Review: 2025

Brotman Baty Institute (BBI)



2025 was an eventful year for the Brotman Baty Institute. In their Year in Reviewm, they highlight several exceptional events and peer-reviewed papers from 2025. From a \$4.5M Chan Zuckerberg Initiative award to advancing cell and genome technologies to a \$10M Washington Research Foundation grant, BBI is shaping the future of precision medicine. [Read More](#)

Top Research Highlights in 2025

Kaiser Permanente Washington Health Research Institute (KPWHRI)



2025 has been a year of change and uncertainty for the research community. But it has also been a year with much to celebrate. KPWHRI has featured just a handful of the many research achievements over the last 12 months. These highlights reflect the work of many contributors, including their staff, partners, and study participants, and their commitment to continuous learning. [Read More](#)

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📅 Upcoming Events in Seattle

January 14 11:00 AM	Neuroscience Cell Types Webinar: Exploring the New Brain Knowledge Platform Online
January 16 7:30 PM	Professor Brian Cox: Emergence Moore Theatre
January 26 8:00 AM	Science on Tap Ravenna Third Place - Cafe Arta
February 11 11:00 AM	Neuroscience Cell Types Webinar: Getting Started with Programmatic Access to ABC Atlas Data Online
February 11 12:00 PM	Immune-Related Adverse Events Webinar Series: Rheumatologic irAEs Online

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📁 Science Jobs in Seattle

Postdoctoral Fellow, Grundner Lab Seattle Children's
Assistant Investigator, Proteomics Allen Institute
Director, Oncology Early-Stage Clinical Scientist Pfizer
Research Technician II Fred Hutch
Associate Scientist, Analytical Testing Bristol Myers Squibb

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Webinar by Riya Sharma

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