

Publications of the Week

Brain-Wide Topographic Coordination of Rotating Waves

First Author: Zhiwen Ye (*pictured*) | Senior Author: Nicholas Steinmetz
Science | Allen Institute for Brain Science and UW



Electrical activity in the brain often travels in waves, propagating across networks of neurons in patterns that have been linked to sensory perception, memory, and movement. Here, researchers discovered that rotating waves, which propagate along a circular trajectory, were a prominent and frequently occurring feature of cortical activity, predominantly centered on the somatosensory cortex. [Abstract](#)

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Awards

Dr. Veena Shankaran Receives the Lert Family Endowed Chair

Fred Hutch



Dr. Veena Shankaran (*pictured*), Co-Director of the Hutchinson Institute for Cancer Outcomes Research at Fred Hutch, has been awarded the newly established Lert Family Endowed Chair. A gastrointestinal cancer specialist, she is also a professor at Fred Hutch and UW Medicine. Generous supporters have endowed more than 60 chairs at Fred Hutch to date, honoring faculty members and giving them flexible funding for innovative research. [Read More](#)

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Local News

Seattle Biotech Heavy-Hitters Emerge From Stealth with \$46M for Next-Gen Migraine Treatments

GeekWire



Vedana Therapeutics, a Seattle-based startup aiming to prevent migraine attacks, emerged from stealth with \$46 million and a leadership team of heavy-hitters in cutting-edge migraine treatment. The new funding will allow the company to advance antibody therapies targeting migraine-related signaling pathways — potential drugs patients could eventually self-administer by injection at home. [Read More](#)

Lung Cancer Researchers, Advocates Gather in Seattle

Fred Hutch



More than 150 lung cancer researchers, clinicians, and patient advocates from around the country gathered at Fred Hutch in Seattle for a two-day working meeting of the Fred Hutch Lung Specialized Project of Research Excellence, or SPORE. Here, they shared insights on immunotherapies, the search for new molecular targets, multi-cancer detection tests, and the harsh realities of life with a lung cancer diagnosis. [Read More](#)

Promising Young Scientist: Three-Month Internship in Cape Town Hospital Diverted Courtney McDougal from Medicine, Toward Immunology and Microbiology

Brotman Baty Institute



Dr. Courtney McDougal (*pictured, right*) is a Postdoctoral Fellow working in the Pepper lab. She arrived at the UW in 2021, after completing a Ph.D. in Microbiology and Immunology at the University of Wisconsin, Madison. "In grad school, I was a microbiologist who also did immunology," she said. "Now in Marion's lab, I'm an immunologist who also does microbiology." [Read More](#)

Complex Diseases Such as Sarcoma Require Comprehensive Expertise

Fred Hutch



Sarcomas are rare cancers that develop in the body's connective tissues, including bones, cartilage, muscles, tendons, blood vessels, nerves and fatty tissue. But that is the only thing these rare cancers have in common. "Because of the nuance of treating such a varied cancer, it's important for patients to seek out a Sarcoma Center of Excellence, such as Fred Hutch," said Dr. Stephanie Schaub (*pictured*). [Read More](#)

Eye Changes May Signal Alzheimer's Disease Risk

Kaiser Permanente Washington Health Research Institute



A new study adds to the evidence that age-related changes in the eyes may provide clues about Alzheimer's disease risk. Researchers led by Dr. Chloe Krakauer (*pictured*) found that older adults with more severe signs of age-related macular degeneration (AMD) in eye exams had a higher chance of developing Alzheimer's regardless of whether they had a formal diagnosis of AMD. [Read More](#)

Custom Computing for the Next Generation of Protein Design

UW Institute for Protein Design



Researchers at the Institute for Protein Design (IPD) create new proteins, atom by atom on a computer, before they ever make them in the lab. The IPD is collaborating with NVIDIA to deliver the accelerations necessary for protein design pipelines to meet global grand challenges. Nate Corley (*pictured*), Dr. Frank DiMaio, and the IPD Machine Learning team have been leading this collaboration to accelerate design tools with NVIDIA. [Read More](#)

Dr. Carrie Brockway is Shepherding SeaBridge Post-Docs, While Helping Build Seattle as the 'Epicenter of Synthetic Biology'

Brotman Baty Institute



For Dr. Carrie Brockway (*pictured*), doing what's right is mainly centered around the shepherding of post-doctoral fellows and their primary investigators through a two-year program affiliated with the Seattle Hub for Synthetic Biology (SeattleHub) at the Allen Institute and its efforts to reprogram human cells. The other essential component, and likely equally demanding, is helping build Seattle's biotech community to become "the epicenter of synthetic biology." [Read More](#)

New Faculty, Dr. Beiyu Lin, to Focus on AI in Bioengineering

UW Department of Bioengineering



Professor Beiyu Lin (*pictured*) has joined UW Bioengineering in June as an assistant teaching professor, after a national search for the department's first faculty position explicitly focused on AI in bioengineering education. Her work bridges generative AI and data science with applications in smart health, digital health, and urban science. [Read More](#)

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Upcoming Events in Seattle

June 29 7:00 PM	Science on Tap Ravenna Brewing Co.
July 27 7:00 PM	Science on Tap Ravenna Brewing Co.
August 13 4:30 PM	Life Science Washington Annual Summer Social 2026 188 E Blaine St
Sept. 10 - 11 8:00 AM	Cascadia Mucosal Biology Symposium Allen Institute
Sept. 15 - 16 8:00 AM	Emerging Connectomics of Thalamus and Striatum Workshop Allen Institute

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Science Jobs in Seattle

- Field Service Engineer**
STEMCELL Technologies
- Research Administrator III/IV, Solid Tumor**
Fred Hutch
- Manufacturing Associate**
Parse Biosciences
- Scientist I, Single-Cell Genomics**
Allen Institute
- Senior Associate Scientist, Process Analytics**
Pfizer

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