

Publications of the Week

SGLT2 Inhibition Modulates Metabolic, Vascular, and Inflammatory Molecular Markers in the Kidney in Youth With Type 1 Diabetes

First Authors: Petter Bjornstad (*pictured*) and Ye Ji Choi | Senior Authors: Farid Mahmud and Matthias Kretzler
Science Translation Medicine | Seattle Children's Research Institute and UW



Sodium-glucose cotransporter-2 (SGLT2) inhibitors slow diabetic kidney disease progression, but their intrarenal mechanisms remain incompletely understood, particularly in type 1 diabetes (T1D), where kidney protection has not been definitively established. ATTEMPT was a placebo-controlled trial in which 98 youth with T1D and hyperfiltration were randomized 1:1 to dapagliflozin or placebo for 16 weeks. [Abstract](#) | [Press Release](#)

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Awards

Pilot Grants Support Studies of Sex-Based Differences in Muscle Biology

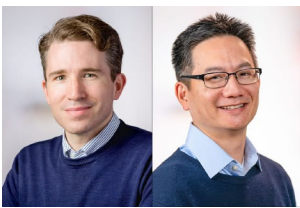
UW Department of Bioengineering



Three projects were selected to receive funding through the Center for Translational Muscle Research's 2026 Pilot Grant program. The grants will go toward the collection of preliminary data and feasibility studies for new research focused on sex-based differences in muscle biology and disease. This year's recipients are Drs. Alec Smith, Jenny Robinson, Xinxian Deng and Christine Disteché (*pictured*). [Read More](#)

Fred Hutch Researchers Receive Multiyear Funding From the V Foundation

Fred Hutch



Two Fred Hutch researchers have recently been awarded multi-year research grants from the V Foundation for Cancer Research. Dr. Michael Haffner (*pictured, left*) received a V Foundation All-Star Grant providing \$1 million in research funding over 5 years. Dr. Kevin Cheung (*right*) received a V Foundation Translational Grant providing \$800,000 over 4 years. [Read More](#)

Focused Antibiotics

UW Medicine



UW researchers have received funding from the Wellcome Leap program in Focused Antibiotics, which aims to reformulate existing antibiotics to spare the gut microbiome without loss of treatment efficacy. Drs. Shawn Skerrett, T. Eoin West (*pictured*), and Patrick Stayton were awarded funding for three years. The goal of the Focused Antibiotics program is to reformulate existing antibiotics to spare the gut microbiome without loss of treatment efficacy. [Read More](#)

Benaroya Research Institute Awarded 16 Million Across 18 Grants in First Half of 2026 to Predict, Prevent, Reverse, and Cure Immune System Diseases

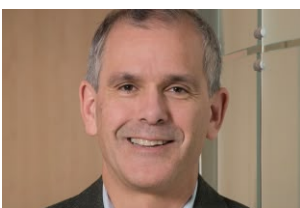
Benaroya Research Institute



Benaroya Research Institute announced 18 research grants, totaling over 16.2 million dollars, awarded in the first half of 2026. One of the grants awarded is \$4.4 million to Drs. Daniel Campbell, Alice Long, and Estelle Bettelli (*pictured*) to support their study of a promising treatment for type 1 diabetes, known as polyclonal autologous *in vitro*-expanded regulatory T cells. [Read More](#)

New Funding to Expand Global Burden of Disease Study

UW Medicine



The Institute for Health Metrics and Evaluation (IHME), an independent research organization at UW, has received a landmark 10-year grant from the Gates Foundation to strengthen freely available, scientifically rigorous health evidence used by governments, researchers and leaders to improve the health and well-being of people globally. Dr. Christopher Murray (*pictured*) is the Director of IHME. [Read More](#)

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Local News

Researchers Develop Antibodies Against Xylazine's Harms

UW Medicine



Researchers have developed antibodies that may prevent the harmful effects of xylazine, a veterinary sedative that is increasingly mixed with fentanyl in recreational drugs. "We want to move the field forward in generating therapeutics toward xylazine. This is the first step toward that," said Dr. Jason Kang (*pictured*), a postdoctoral scholar at UW Medicine. [Read More](#)

MAB Alumni Launch Biocoating Company With Innovation Gap Fund Support

UW Department of Bioengineering



A team of recent UW Master of Applied Bioengineering (MAB) graduates earned a grant from the Innovation Gap Fund for their startup CSFlow. The company develops novel antifouling coating technology to improve the reliability and longevity of implanted medical devices. The team includes Joie Chen, Sarah Fink, Rae McFarland, and Hannah Petersen. [Read More](#)

Moving Faster Than Planned, AI Drug Developer Accipiter Bio Quietly Tops Up Seed Round With \$10.5m

GeekWire



Less than a year after emerging from stealth operations with \$12.7 million and partnerships with pharmaceutical giants, Seattle-based biotech startup Accipiter Biosciences has added \$10.5 million to its funding total. The new cash will let the company move faster on promising drug candidates. The team has grown to 22 people and includes researchers from the UW Institute for Protein Design. [Read More](#)

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Upcoming Events in Seattle

Sept. 10 - 11
8:00 AM

Cascadia Mucosal Biology Symposium
Allen Institute

September 12
6:00 PM

SIGNAL: Modular on the Spot: Seattle
Pacific Science Center

Sept. 15 - 16
8:00 AM

Emerging Connectomics of Thalamus and Striatum Workshop
Allen Institute

Sept. 23 - 25
8:00 AM

Stem Cell & Developmental Biology Early Career Symposium
Allen Institute

Sept. 24 - 25
8:00 AM

Dr. E. Donnell Thomas Symposium
Fred Hutch

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Science Jobs in Seattle

Post-Doctoral Research Fellow, Lund Lab
Fred Hutch

Senior Therapeutic Area Specialist, Cardiovascular Community
Bristol Myers Squibb

Clinical Laboratory Technician 1, UWMC Montlake Microbiology Lab
UW

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Kaiser Permanente

Lab Associate I
Quest Diagnostics

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