

Publications of the Week

AAV-Mediated Expression of Proneural Factors Stimulates Neurogenesis from Adult Müller Glia *In Vivo*

First Author: Marina Pavlou | Senior Author: Thomas Reh *(pictured)*
EMBO Molecular Medicine | UW



Previously, researchers used transgenic mouse models to show that neurogenesis can be stimulated in the adult mammalian retina by driving regeneration programs that other species activate following injury. To bring this strategy closer to clinical application, they now show that neurogenesis can also be stimulated when delivering these transcription factors to Müller glia using adeno-associated viral (AAV) vectors. [Abstract](#) | [Press Release](#)

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Awards

Nora Disis Receives Grant for Ovarian Cancer Research

UW Medicine



The Rivkin Center for Ovarian Cancer Research, in partnership with Washington state's Andy Hill Cancer Research Endowment (CARE) Fund, has awarded Dr. Nora Disis *(pictured)* a \$300,000 grant to advance the development of a vaccine designed to prevent ovarian cancer's metastatic spread. The Rivkin Center/CARE Fund Awards support research with the potential to transform ovarian cancer treatment and improve patient outcomes. [Read More](#)

Dr. Filippo Milano Receives Inaugural Endowed Chair in Cord Blood Research

Fred Hutch



Dr. Filippo Milano *(pictured)*, Director of the Fred Hutch Cord Blood Program, was just awarded an Endowed Chair in Cord Blood Research by an anonymous donor. "This money will allow me to do what I think is very critical — enhancing our personalized medicine," he said. "We are learning more and more that some stem cell sources are good for one thing, some for something else. I want to keep bringing these novel approaches to patients." [Read More](#)

Five UW Researchers Named AAAS Fellows

UW News



Five UW researchers have been named AAAS Fellows, according to a March 27 announcement by the American Association for the Advancement of Science (AAAS). A tradition dating back to 1874, election as an AAAS Fellow is a lifetime honor. This year's AAAS Fellows from UW are Drs. Celeste Berg, Sharon Lafferty Doty, Matthew Parsek, Donald Chi, and Xiaosong Li *(pictured)*. [Read More](#)

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Local News

Promising Seattle Children's Gene Therapy Offers Hope for Dravet Syndrome

Seattle Children's



New research by Seattle Children's Research Institute's Dr. Franck Kalume *(pictured)* and colleagues found a novel genetic approach that could cure Dravet syndrome, a rare and severe form of epilepsy associated with a high rate of sudden, unexpected death. The breakthrough findings are published in the journal *Science Translational Medicine*. [Read More](#)

Melanoma Starts Evading Treatment Within Hours and Here's How to Stop It

Institute for Systems Biology (ISB)



Researchers have uncovered a stealth survival strategy that melanoma cells use to evade targeted therapy, offering a promising new approach to improving treatment outcomes. The study, published in *Cell Systems* and conducted by Drs. Wei Wei *(pictured)* and Jim Heath at ISB, identifies a non-genetic, reversible adaptation mechanism that allows melanoma cells to survive treatment with *BRAF* inhibitors. [Read More](#)

Cardiac Dimensions Lands \$53M to Fund Research and Expansion of Heart Valve Technology

GeekWire



Cardiac Dimensions, a Kirkland, Washington company with a technology to treat heart valve malfunction, has raised \$53 million from investors. Its total funding is more than \$200 million. Cardiac Dimensions is targeting a condition called mitral valve regurgitation, which involves the leakage of blood through the heart's mitral valve during the contraction of the left ventricle. [Read More](#)

Researchers Begin Trial of Combined COVID-19 and Flu Vaccine

Kaiser Permanente Washington Health Research Institute



Kaiser Permanente Washington Health Research Institute (KPWHRI) is starting a clinical trial of a combination COVID-19 and flu vaccine developed by Pfizer and BioNTech. The trial, taking place at KPWHRI and other research sites across the United States, will evaluate whether the combination vaccine is safe and can help the body produce antibodies against both viruses. [Read More](#)

How a Dark Horse Candidate Is Upending the Sequencing Market

Timmerman Report



At the recent Advances in Genome Biology and Technology (AGBT) conference, Roche unveiled its SBX (Sequencing by Expansion) technology, developed by Stratos Genomics, a Seattle-based company Roche acquired in 2020. First teased in a pre-AGBT webinar, SBX could significantly impact the DNA sequencing market. Biotech investor Joe Horsman of Madrona Venture Group explores the technology's unexpected origins, how it works, and its potential. [Read More](#)

Targeting Lineage Plasticity in Prostate Cancer with EZH2 Inhibitor Mevrometostat

URO Today



Dr. Michael Schweizer *(pictured)* from Fred Hutch explains how the EZH2 inhibitor targets lineage plasticity and regulates androgen receptor activity, potentially overcoming resistance to standard cancer treatments. The randomized study in metastatic castration-resistant prostate cancer patients who progressed on abiraterone showed impressive results. [Read More](#)

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Upcoming Events in Seattle

April 23
11:00 AM

Life Science Innovation Northwest 2025

Seattle Convention Center

April 23
12:00 PM

Using Virtual Platforms and Genomic Sequencing to Reduce Inequities in Health Outcomes for Children With Rare Genetic Disorders

Online

April 28
8:30 AM

BRI Immunology Symposium: New Horizons in Immunity and Disease

Town Hall Seattle

May 1 - 2
8:00 AM

Engineering Biology Research Consortium 2025 Annual Meeting

University of Washington

May 3
9:00 AM

NSPN National Symposium

Rainier Club

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Science Jobs in Seattle

Research Associate Scientist

GenScript

Histologic Technician

Virginia Mason Medical Center

Lab Assistant 1

Roche

Research Scientist

UW

Research Scientist II

Seattle Children's

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SECOND ANNUAL BRI IMMUNOLOGY SYMPOSIUM
NEW HORIZONS IN IMMUNITY AND DISEASE

APRIL 28
8:30AM - 4:30PM
*Followed by a one-hour reception at Town Hall Seattle

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