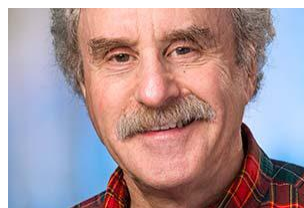


### Publications of the Week

#### Epigenomic Analysis of Formalin-Fixed Paraffin-Embedded Samples by CUT&Tag

First Author: Steven Henikoff (*pictured*) | Senior Author: Eric Holland  
Nature Communications | Fred Hutch



For more than a century, formalin-fixed paraffin-embedded (FFPE) sample preparation has been the preferred method for long-term preservation of biological material. Previously, this research group introduced Cleavage Under Targeted Accessible Chromatin (CUTAC), an antibody-targeted chromatin accessibility mapping protocol. Here, researchers show that simple modifications to the CUTAC protocol make affordable epigenomic profiling. [Abstract](#)

#### Characteristics and Prognostic Impact of IDH Mutations in AML: A COG, SWOG, and ECOG Analysis

First Author: Sara Zarnegar-Lumley | Senior Author: Katherine Tarlock (*pictured*)  
Blood Advances | Fred Hutch and UW



Enhanced genomic and epigenomic profiling of acute myeloid leukemia (AML) has led to identification of recurrent mutations that are prognostic and are candidates for targeted therapy. Somatic mutations in isocitrate dehydrogenase (*IDH*) genes occur frequently in adult AML and less commonly in pediatric AML. The objective of this study was to describe the prevalence, mutational profile, and prognostic significance of *IDH* mutations in AML across age. [Abstract](#)

[View All Publications](#)

### Awards

#### Benaroya Research Institute Immunologist John Ray Receives 2023 NIH Director's New Innovator Award

Benaroya Research Institute



Benaroya Research Institute Assistant Member Dr. John Ray (*pictured*) has been selected by the National Institutes of Health (NIH), Office of the Director and National Institute of Allergy and Infectious Disease to receive the 2023 NIH Director's New Innovator Award. This award supports unusually innovative research from early career investigators within ten years of their final degree. [Read More](#)

#### Extending Efficacy for CAR T-Cell Therapies

Fred Hutch



The National Cancer Institute's Method to Extend Research in Time Awards (MERIT) are designed to offer early-career investigators a longer-term funding opportunity. Dr. Shivani Srivastava (*pictured*) has received the MERIT Award to investigate how to improve engineered cancer immunotherapies against solid tumors through reservoirs of self-renewing immune cells. [Read More](#)

#### QI Scholars of 2023/24

UW Medicine



The QI Scholars Program is a highly interactive advanced training program in QI research methods and leadership skills, centered around an improvement project of each Scholar's choosing. Congratulations to the 2023/2025 QI Scholars from the UW Department of Medicine: Dr. Gina Kim, Dr. Garbo Mak (*pictured, right*), and Dr. Molly Rosenthal (*left*). [Read More](#)

#### Dr. Hongkui Zeng, Executive Vice President, Director of the Allen Institute for Brain Science, Elected to National Academy of Medicine

Allen Institute



At the annual general meeting, the National Academy of Medicine announced the election of Dr. Hongkui Zeng (*pictured, right*), the Executive Vice President and Director of the Allen Institute for Brain Science, to their membership for her leading role in understanding the cell types and the functional architecture of the mammalian brain. [Read More](#)

#### Washington Startups Receive \$25K Grants Aimed at Boosting State's Life Sciences Sector

GeekWire



A group of 20 early-stage life sciences startups in Washington each received \$25,000 grants, part of an effort to fuel the "next generation" of life science innovation in the state. The awards, which total \$500,000, aim to help drive advancements in medications, medical devices, and diagnostic testing. In addition to funding, grant awardees will receive technical assistance. [Read More](#)

[View All Awards](#)

### Local News

#### 'An Integral Part of Cancer Care': How a Seattle Children's Oncologist Researches and Advocates for Body-Mind Health

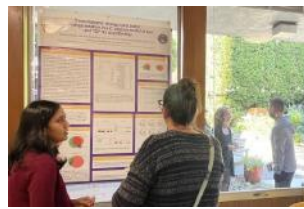
Seattle Children's



Dr. Molly Taylor (*pictured*) recently found a long-forgotten journal from her college years. In it, she asked her young adult self: "Do I want to be a pediatric oncologist?" It turns out she did, and she went to medical school after studying psychology and microbiology as an undergrad. Bringing together all those disciplines, today she's serving patients with cancer by studying how the body and mind intersect to impact survival. [Read More](#)

#### REC Symposium Brings Together UW Alzheimer's Research Community

UW Medicine



Researchers of all career stages gathered at the 2023 UW Alzheimer's Disease Research Center (ADRC) Research Education Component (REC) Symposium for a day of learning and sharing their newest work in progress. "The REC Symposium is all about bringing everybody in the ADRC together and interacting in a genuine way," said Dr. Brian Kraemer, REC co-lead. [Read More](#)

#### Study Findings Reshape Understanding of Cancer Evolution

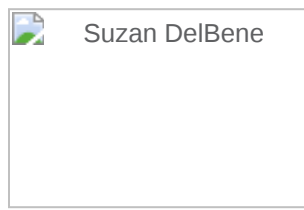
Pacific Northwest Research Institute (PNRI)



In a new study, Dr. Michael Metzger (*pictured*) and a global team of co-investigators have conducted a comprehensive analysis of the genomic changes associated with a unique cancer in clams. These results highlight the clam's potential as a model for studying both cancer evolution and the development of resilience to cancer. [Read More](#)

#### Innovation in Kidney Health and Transplantation

UW Medicine



Representative Suzan DelBene (*pictured*) visited the Northwest Kidney Centers and participated in a roundtable discussion with members from the Division of Nephrology to discuss innovation in kidney health and transplantation. DelBene made a point to connect with patients, researchers, and health professionals in her home district to better understand the needs of the 37 million Americans with kidney diseases. [Read More](#)

#### Sana Biotechnology Announces Increased Focus on Hypoimmune-Related Pipeline with the Potential to Deliver Clinical Proof of Concept Data from Four Programs in 2023 and 2024 with a 2024 Operating Burn under \$200M

BioSpace



Sana Biotechnology, led by President and CEO Steve Harr (*pictured*), is a company focused on changing the possible for patients through engineered cells. They announced a portfolio update, including both increased focus on their *ex vivo* cell therapy product candidates. The company will reduce near-term spend on its fusogen platform for *in vivo* gene delivery. [Read More](#)

#### 'Morning-After' Pill Recommended to Reduce Spread of STIs

UW Medicine



A common antibiotic is poised to become a "morning-after" pill to reduce the spread of chlamydia, syphilis, and gonorrhea among populations at higher risk for contracting those bacterial infections. Preventive doxycycline is "the best new intervention that's been identified for sexually transmitted infection (STI) prevention for quite a long time," said Dr. Connie Celum (*pictured*). [Read More](#)

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### Upcoming Events in Seattle

- October 17 12:00 PM **Current Biology Seminar**  
Fred Hutch
- October 19 8:30 AM **20th Annual STI & HIV Research Symposium**  
Harborview Research & Training Center
- October 19 12:00 PM **Research Roundtable**  
Online
- October 19 4:30 PM **Research After Dark: Beyond the Bench Career Panel**  
Seattle Children's Research Institute
- October 20 8:30 AM **Black Women in STEM 2.0**  
Seattle Pacific University

[View All Events](#)

### Science Jobs in Seattle

- Compliance Manager**  
The Institute for Systems Biology
- Program Manager, Office of Science & Innovation Department**  
Allen Institute
- Staff Scientist**  
Fred Hutch
- Research Scientist – Microbiology**  
IEH Laboratories & Consulting Group
- Medical Science Liaison**  
Axsome Therapeutics

[View 53 Other Science Jobs](#)

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