

Publications of the Week

**Multifactorial Profiling of Epigenetic Landscapes at Single-Cell Resolution Using Multi-Tag**

First Author: Michael Moers | Senior Author: Steven Henikoff (pictured)  
Nature Biotechnology | Fred Hutchinson



Chromatin profiling at locus resolution uncovers gene regulatory features that define cell types and developmental trajectories, but it remains challenging to map and compare different chromatin-associated proteins in the same sample. The authors describe Multiple Target Identification by Tagmentation (Multi-Tag), an antibody barcoding approach for profiling multiple chromatin features simultaneously in single cells. [Abstract](#)

**Elevated Pentose Phosphate Pathway Flux Supports Appendage Regeneration**

First Author: Jeet Patel | Senior Author: Andrea Willis (pictured)  
Cell Reports | UW



A fundamental step in regeneration is rapid growth to replace lost tissue. Cells must generate sufficient lipids, nucleotides, and proteins to fuel rapid cell division. To define metabolic pathways underlying regenerative growth, the authors undertake a multimodal investigation of metabolic reprogramming in *Xenopus tropicalis* appendage regeneration. [Abstract](#)

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Awards

**Lawrence Corey Receives 2022 Health Care Leadership Lifetime Achievement Award**

UW Medicine



Dr. Larry Corey (pictured), Professor of Allergy and Infectious Diseases, is the 2022 recipient of the Health Care Leadership Lifetime Achievement Award from the Puget Sound Business Journal. For more than four decades, Dr. Corey has led some of the most significant advances in medicine, including the development of safe and effective antivirals for herpes, HIV, and hepatitis infections. [Read More](#)

**William Banks Honored with Viktor Mutt Lectureship Award**

UW Medicine



Dr. William Banks (pictured), Professor of Gerontology and Geriatric Medicine, was honored with the Viktor Mutt Lectureship Award at the International Society for Bioactive Peptides meeting. The Viktor Mutt Lectureship was established in recognition of the fundamental research of Viktor Mutt (1923-1998) in the field of gastrointestinal peptide hormones and neuropeptides. [Read More](#)

**Women of Influence: Alice Berger, Fred Hutchinson Cancer Center**

Puget Sound Business Journal



Dr. Alice Berger (pictured) is an expert in discovering how changes to our genetic code lead to cancer. She works to translate these insights into new drug targets and biomarkers to benefit patients. Her work has led her to be recognized as a 2022 Business Journal Women of Influence honoree. What drew Dr. Berger to cancer research is the "elegance and simplicity of how instructions for life are encoded in DNA." [Read More](#)

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Local News

**Breast Cancer Vaccine Safely Generates Anti-Tumor Immunity**

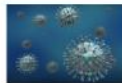
UW Medicine



An experimental vaccine against breast cancer safely generated a strong immune response to a key tumor protein. The findings suggest the vaccine may be able to treat different types of breast cancer. "Because this was not a randomized clinical trial, the results should be considered preliminary, but the findings are promising enough that the vaccine will now be evaluated in a larger, randomized clinical trial," said lead author Dr. Mary "Nora" Disis (pictured). [Read More](#)

**The Access to Advanced Health Institute Develops Longer Lasting and Broadly Protective SARS-CoV-2 RNA Vaccine Candidate that is Stable at Room Temperature**

Business Wire



The Access to Advanced Health Institute (AAHI) has announced results from a study of their new RNA vaccine against COVID-19. Preclinical studies published in *NPL Vaccines* demonstrate the ability of AAHI's unique SARS-CoV-2 self-amplifying RNA vaccine to elicit strong antibody and T cell immunity to multiple variants of SARS-CoV-2. [Read More](#)

**Promising Young Scientist Sam Regalado: Inspired by a Desire to Advance Opportunities for People of Diverse Cultures**

Brotman Rah Institute



Exceptional people influence one's life choices. For Sam Regalado (pictured), those people – from Bill Nye "The Science Guy," to a distinguished Native American great-great grandmother – have shaped a determination to advance his career in medicine and science as well as the careers of others through diversity and inclusion. "The best science is that done in a multi-disciplinary manner," he said. [Read More](#)

**Introducing New Group Leaders: Devin Schweppe**

Molecular Cell



Dr. Devin Schweppe (pictured) talks about setting up his group at UW, studying quantitative-mass-spectrometry-based proteomics (a field that is constantly evolving), overcoming self-doubt, going with your gut when hiring, and how he hopes to build an environment of excellence, inclusion, and trust, and always encourage his lab members to keep asking "why?" [Read More](#)

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**Upcoming Events in Seattle**

- November 16 9:30 PM **AWIS: Metaverse, Augmented and Virtual Reality Technologies**  
Fred Hutch
- November 29 10:00 AM **Science Says Expert Series**  
Owlton

- December 2  
12:00 PM **Inside Immunology**  
Online
- December 7  
6:30 PM **AWIS Holiday Happy Hour**  
Optimism Brewing Company
- December 14  
6:00 PM **Movie Screening – Coded Bias**  
Fred Hutch

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### Science Jobs in Seattle

**Senior Scientist**

AAVii

**Scientist II**

Lumen Biosciences

**Research Associate II**

A-Alpha Bio

**Research Associate, Imaging**

Cajal Neuroscience

**Senior Scientist, Upstream Process Development**

Zymeris

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Neural Stem Cells**



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