

Publications of the Week

Sex and Smoking Bias in the Selection of Somatic Mutations in Human Bladder

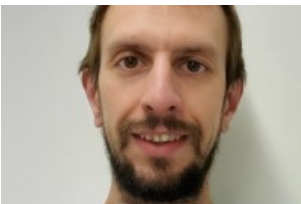
First Authors: Ferriol Calvet and Raquel Blanco Martinez-Illescas | Senior Authors: Abel Gonzalez-Perez, Nuria Lopez-Bigas, and Rosa Ana Risques *(pictured)*
Nature | UW



As tumorigenesis is driven by somatic mutations, researchers wondered whether the landscape of clones in the normal bladder differs by sex and smoking history. Using ultradeep duplex DNA sequencing (approximately 5,000x), they identified thousands of clonal driver mutations in 16 genes across 79 normal bladder samples from 45 people. [Abstract](#) | [Press Release](#)

Microtubules Regulate Tissue-Level Navigation in Skin-Resident Macrophages

First Author: Eric Peterman *(pictured)* | Senior Author: Jeffrey Rasmussen
Journal of Cell Science | UW



Within skin, tissue-resident macrophages known as Langerhans cells use dynamic dendrites to surveil the epidermis for damage and migrate through a densely packed epithelium to wounds. Here, researchers used Langerhans cells within the adult zebrafish epidermis as a model to investigate roles of microtubules in immune cell tissue surveillance, phagocytosis, and directed migration. [Abstract](#)

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Awards

Dr. Heather Parsons to Lead Fred Hutch's Breast Cancer Initiatives

Fred Hutch



In recognition of her significant achievements to date, Dr. Heather Parsons *(pictured)* was awarded the Maudslien Endowed Chair in Breast Cancer Precision Oncology Research. "I'm very humbled and honored by this endowed chair, and it feels like a mandate to both be able to lead this breast cancer program and to develop the science that I've been working on from my time in Boston," Dr. Parsons said. [Read More](#)

Evaluating the Impact of IVIg on Elranatamab Outcomes in Relapsed or Refractory Multiple Myeloma: A Real-World Analysis

UW Medicine



Dr. Andrew Portuguese *(pictured)*, UW Assistant Professor of Hematology and Oncology, has received a ~\$250K research grant from Pfizer focused on real-world outcomes of elranatamab, a BCMA-directed bispecific antibody, in multiple myeloma. He is the primary investigator of a multi-institutional collaboration with the Cleveland Clinic and Moffitt Cancer Center. [Read More](#)

Drs. Karel Svoboda and Jay Shendure Elected to National Academy of Medicine

Allen Institute



The National Academy of Medicine announced the election of Dr. Karel Svoboda *(pictured, left)*, Executive Vice President and Director of the Allen Institute's Neural Dynamics moonshot, and Dr. Jay Shendure *(right)*, Lead Scientific Director of the collaborative Seattle Hub for Synthetic Biology and Professor at the UW School of Medicine. Election to the Academy is considered one of the highest honors in the fields of health and medicine. [Read More](#)

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Local News

Seattle Startup's FDA-Approved, Virus-Neutralizing Mask Lands on Amazon

GeekWire



Virus-fighting startup Singletto closed a \$10 million Series A investment round and is now selling its pathogen-killing face masks on Amazon. The Seattle company was also selected by the U.S. Defense Advanced Research Projects Agency (DARPA) to join its Embedded Entrepreneur Initiative. The program provides startups with DARPA support to promote technologies that could aid U.S. national security. [Read More](#)

Seattle Children's Appoints Dr. Christopher Longhurst as Chief Executive Officer

Seattle Children's



Seattle Children's announced the appointment of Dr. Christopher Longhurst *(pictured)* as its next Chief Executive Officer, effective January 5, 2026. The Seattle Children's Hospital Board of Trustees selected Longhurst after conducting a yearlong national search. Dr. Longhurst currently serves as Chief Clinical and Innovation Officer at UC San Diego Health. [Read More](#)

Seattle Company Inks up to \$2.1 Billion Deal With Pharma Giant

Puget Sound Business Journal



Seattle-based biopharmaceutical company Omeros announced a deal worth up to \$2.1 billion with the Danish pharmaceutical giant Novo Nordisk. The company is selling the rights to a drug candidate aimed at rare blood and kidney disorders. Omeros' most-advanced candidate, narsoplimab, is targeting inflammation and damage to the membranes that line the heart and blood vessels. [Read More](#)

Bridging Science Fiction and Reality: Seattle Hub for Synthetic Biology

Allen Institute Lab Notes



Global science lies at the edge of a new age of discovery thanks to advances in synthetic biology driving innovations that could reshape human health. Synthetic biology involves redesigning organisms at a cellular level to grant them new abilities. It is, at first blush, the stuff of science fiction; but in fact, it is a reality here in Seattle. [Read More](#)

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Your Voice

Science that Started Here in Seattle Nominated for Prestigious International Award

Peter Kim



The International Academy of Digital Arts & Sciences has nominated the MICrONS Project, which began here in Seattle, for a prestigious Anthem Award. As a part of the Anthem Awards, the Allen Institute, headquartered in South Lake Union, is also nominated for a "people's choice" Community Voice Award. You can help them win by voting for their entry by October 30. [Read More](#)

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📅 Upcoming Events in Seattle

October 29
5:30 PM

WIB-Seattle: Beyond CAR-T – Next-Generation Cell and Immunotherapies
Bristol Myers Squibb

October 30
4:00 PM

Life Science Washington 2025 Halloween Networking Event
The Loft

November 6
4:30 PM

From Bench to Breakthrough: Seattle Life Sciences Networking Night
CoLabs @ 222 Fifth

November 6
5:30 PM

SpaceVision 2025
The HUB Seattle

November 7
6:00 PM

Theater of Thought Film & Panel
Allen Institute

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📁 Science Jobs in Seattle

Program Head, Phase I Clinical Trials
Fred Hutch

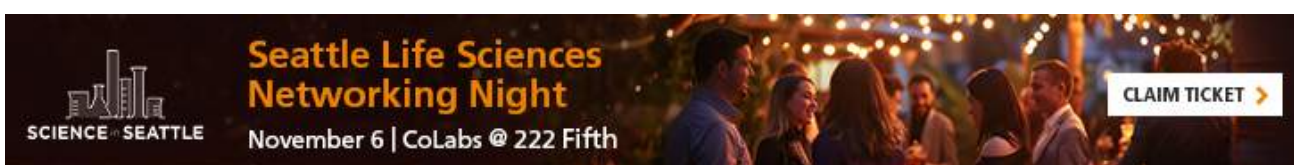
Senior Scientist, Immuno-Oncology, Discovery Biology
Bristol Myers Squibb

Scientific Project & Alliance Manager / SeaHub
Allen Institute

Outreach Scientist
Seattle Children's Research Institute

Pauling Fellow, Linus Pauling Distinguished Postdoctoral Fellowship 2026
Pacific Northwest National Laboratory

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