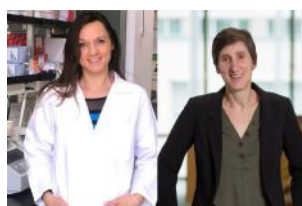




Publications of the Week

A Phase 2 Randomized Trial with Autologous Polyclonal Expanded Regulatory T Cells in Children with New-Onset Type 1 Diabetes

First Author: Christine Bender (pictured, left) | Senior Author: Alice Long (right)
 Science Translational Medicine | Benaroya Research Institute at Virginia Mason



Regulatory T cells (T_{regs}) are important in immune tolerance. Infusion of autologous polyclonal T_{regs}, first expanded *in vitro* to increase their numbers, has been investigated for safety in small clinical studies, however usefulness of this therapy for type 1 diabetes (T1D) remains unclear. This study reports that a phase 2 randomized trial of a single dose of expanded T_{regs} showed no efficacy in preserving C-peptide. [Profile](#) | [Abstract](#)

Mutation Patterns Predict Drug Sensitivity in Acute Myeloid Leukemia

First Author: Guangrong Qin | Senior Authors: Ilya Shmulevich and Pamela Becker (pictured)
 Clinical Cancer Research | Institute for Systems Biology



The inherent genetic heterogeneity of acute myeloid leukemia (AML) has challenged the development of precise and effective therapies. The objective of this study was to elucidate the genomic basis of drug resistance or sensitivity, identify signatures for drug response prediction, and provide resources to the research community. [Abstract](#)

[View All Publications](#)

Awards

2024 Chair of Medicine Scholar Awards

UW Medicine



The Chair of Medicine Scholars Awards, initiated in 2013, are awarded annually to meritorious UW Department of Medicine trainees to foster their transition to the roles of physician-scientist and principal investigator. Each award offers \$50K per year for two years. The 2024 award recipients are Drs. Eleanor (Elly) Bhatraju and Simon Hsu (pictured). [Read More](#)

Dr. Nora Disis Named 2024 Inventor of the Year

UW Medicine



Dr. Mary (Nora) Disis (pictured) has been selected as the 2024 UW Inventor of the Year. This award recognizes the breadth and quantity of her commercial licensing successes spanning a broad range of possible paths to translation. This includes low-cost, high quantity express licenses for copyright materials, exclusive licensing to established companies, and startup ventures of her own. [Read More](#)

Drs. Qiang Fu and Raymond Huey Elected to National Academy of Sciences

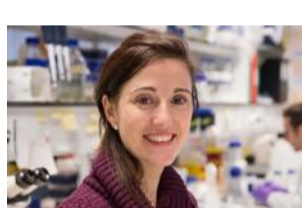
UW News



The National Academy of Sciences announced that UW scientists Drs. Qiang Fu (pictured) and Raymond Huey have been elected as new members in recognition of their distinguished and continuing achievements in original research. Membership in the Academy is among the highest honors a scientist can achieve. [Read More](#)

Allen Distinguished Investigator Award

Allen Institute



The Allen Distinguished Investigator program provides three-year grants between \$1M and \$1.5M to individuals and teams. Drs. André Nadler, Meritxell Huch (pictured), and Alf Honigsmann have been named Allen Distinguished Investigators. They are leading a project to apply a technology they developed to visualize lipids in cells using fluorescence microscopes. [Read More](#)

[View All Awards](#)

Local News

Healionics Awarded \$1.25M NIH Grant to Support Commercialization of STARgraft Vascular Graft

NewsWires



Healionics Corporation, a developer of biomaterial-based medical devices, announced it has been awarded a \$1.25 million Small Business Innovation Research grant by the National Heart, Lung, and Blood Institute to support the commercialization of its STARgraft vascular graft. The grant was provided under the National Institutes of Health (NIH) Commercialization Readiness Pilot Program. [Read More](#)

Allen Institute and Seattle Children's to Study Inflammatory Bowel Disorder in Search of Cure

GeekWire



The Allen Institute for Immunology is teaming with Seattle Children's Research Institute to launch a study aimed at understanding the origins of inflammatory bowel disorder. The new initiative, called the Seattle Spatial Transcriptomic Research in Inflammatory Bowel Disease Evaluation (STRIDE) study, will be a first-of-its-kind pediatric study and is led by Dr. Hengqi (Betty) Zheng (pictured). [Read More](#)

'A Life Like No Other:' Remembering Beloved ISB Professor Ilya Shmulevich

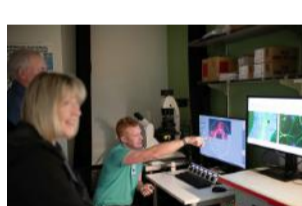
Institute for Systems Biology (ISB)



Devoted husband and father. Animal lover. Accomplished pianist. Avid cyclist. Compassionate human. Exceptional scientist. The ISB community mourns the loss of Professor Ilya Shmulevich (pictured), who died on April 13, 2024 from complications from acute myeloid leukemia. He was 54 years old. The ISB reflects on his legacy and impact on the community. [Read More](#)

PNRI Opens Its Doors for Behind-the-Scenes Look into Genetics Research

Pacific Northwest Research Institute (PNRI)



The PNRI opened their laboratories to the public in a celebration of community and scientific outreach. Excitement reverberated on every floor as people enjoyed this opportunity to see genetics research up-close, free of charge. Supporters traversed the halls where some of the brightest minds in genetic research spend their work week. [Read More](#)

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Upcoming Events in Seattle

- May 22 8:30 AM **BRI Immunology Symposium: New Horizons in Immunity and Disease** Town Hall Seattle
- May 22 12:00 PM **PNRI's Science Matters Seminar: Advancing Diagnostics in Rare Diseases: Multiomics Approaches and Innovations in Sweden** Online
- June 11 9:00 AM **Human and Non-Human Primate Brain Atlases and Tools** Online
- June 25 8:00 AM **7th TERMIS World Congress** Seattle Convention Center
- July 15 - 17 8:00 AM **2024 Allen Institute Modeling Software Workshop** Allen Institute

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Science Jobs in Seattle

- Research Associate I, Imaging**
Allen Institute for Brain Science
- Research Associate I, Stem Cells, Gene Editing, and Differentiation**
Allen Institute for Cell Science
- Senior Science Writer**
Fred Hutch
- Postdoctoral Fellow, Gallo Lab**
Center for Integrative Brain Research
- Postdoctoral Fellow, Carvalho Lab**
Pacific Northwest Research Institute

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