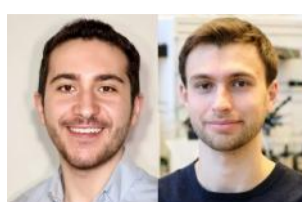


Publications of the Week

De Novo Design of Monomeric Helical Bundles for pH-Controlled Membrane Lysis

First Authors: Nicolas Goldbach (*pictured, left*) and Issa Benna (*right*) | Senior Author: David Baker
Protein Science | UW and Howard Hughes Medical Institute



Targeted intracellular delivery via receptor-mediated endocytosis requires the delivered cargo to escape the endosome to prevent lysosomal degradation. Here, researchers describe the design of small monomeric proteins with buried histidine containing pH-responsive hydrogen bond networks and membrane permeating amphipathic helices. These tightly controlled lytic monomers could help mediate endosomal escape in designed targeted delivery platforms. [Abstract](#)

Diminished Humoral and Cellular Responses to SARS-CoV-2 Vaccines in Patients with Chronic Lymphocytic Leukemia

First Author: Chaitra Ujjani (*pictured*) | Senior Author: Philip Thompson
Blood Advances | UW and Fred Hutch



Previous studies have demonstrated low rates of seroconversion to SARS-CoV-2 messenger RNA vaccines in patients with chronic lymphocytic leukemia (CLL). In this study, researchers aimed to further characterize and understand vaccine-induced immune responses, including T-cell responses, and the impact of CLL therapeutics. [Abstract](#)

[View All Publications](#) 

Awards

Dr. Bessie Young Receives Washington Physicians for Social Responsibility Paul Beeson Award

UW Medicine



The Washington Physicians for Social Responsibility Paul Beeson Award honors activists in the healthcare field who have made a substantial contribution to peace, justice, and health in Washington state. Dr. Bessie Young (*pictured*) has a long history of working with underserved communities, issues of health equity, and research on the social determinants of health. [Read More](#)

ITHS & WPRN Leader Dr. Sebastian Tong Named As 2023 National Academy of Medicine Fellow

Institute of Translational Health Sciences (ITHS)



Dr. Sebastian Tong (*pictured*), the associate director of the ITHS Washington, Wyoming, Alaska, Montana, and Idaho Region Practice and Research Network (WPRN), has been designated as a 2023 National Academy of Medicine Fellow. Dr. Tong's research is centered around improving the implementation and accessibility of evidence-based practices in primary care. [Read More](#)

[View All Awards](#) 

Local News

High Schoolers Try Protein Design at UW's Summer STEM Camp

UW IPD



Science and technology are shaping our world, making it crucial to connect with young minds. That's why a volunteer team from the Institute for Protein Design (IPD) recently spent a day with 60 high school students as part of the University of Washington's STEM camp. The goal was simple: to show students that science is more than just a subject in school. [Read More](#)

Applications Open for the ITHS KL2 Program

Institute of Translational Health Sciences (ITHS)



The ITHS KL2 Multidisciplinary Clinical Research Career Development program provides the time, funding, mentorship, and training necessary to foster the early career development of clinical and translational researchers. The program is funded by the NIH and welcomes scholars with faculty appointments from all health professions. Applications are now open for 2024–2025 appointments. [Read More](#)

AGA Equity Focused Future Leaders Program Scholarship

UW Medicine



UW Medicine Department Chair Dr. Barbara Jung (*pictured, right*) and her husband, Assistant Dean Dr. Gerald Tolbert (*left*), have established the Barbara Jung and Gerald Tolbert - AGA Equity Focused Future Leaders Program Scholarship. This scholarship will support four scholarships for the Future Leaders Program for individuals from underrepresented backgrounds that are American Gastroenterological Association (AGA) Future Leaders. [Read More](#)

Comb Jellies Gives Scientists Hints of Our Nervous System's Past

Allen Institute



Comb jellies, or ctenophores, are unique among animals, having been the first group of animals to branch off from the rest of animals. This evolutionary uniqueness makes them ideal for studying the evolution of neural development and neural pathways. Allen Distinguished Investigator Dr. Joseph F. Ryan is part of a team studying these ancient creatures' unique nervous systems. [Read More](#)

Don't Forget the Follow-Up After Your Lung Cancer Screening

Fred Hutch



Fred Hutch study finds nearly half of people with 'positive' lung cancer screening CTs had delays in their follow-up, advancing disease in some. Currently, only 10% to 15% of all eligible people in the US have been screened for lung cancer. Fred Hutch pulmonologist and health services researcher Dr. Matty Triplette (*pictured*) is developing a complete care pathway for those who are at risk for lung cancer. [Read More](#)

[View All Local News](#) 

Interesting Articles

US Extends Science Pact with China: What It Means for Research

Nature



The US government has extended for six months a key symbolic agreement to cooperate with China in science and technology. The agreement was due to expire on 27 August, and its short-term extension has revived researchers' hopes that the 44-year-old pact will continue. The new extension stops short of a full renewal, which some scientists worry is now in jeopardy. [Read More](#)

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Upcoming Events in Seattle

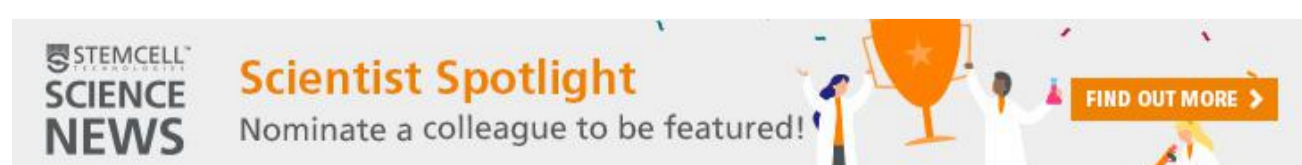
- September 6
6:00 PM **Scientific Speed Networking**
Stoup Brewing
- Sept 6 - 7
9:00 AM **BioBasics 101: The Biology of Biotech for the Non-Scientist – Fall 2023**
Seattle Children's Research Institute
- September 7
8:30 AM **From the Laboratory to Leadership**
Online
- September 9
12:00 PM **How to Be an Effective Principal Investigator**
Online
- Sept 11 - 17
8:00 AM **Open Science Week**
Online

[View All Events](#) 

Science Jobs in Seattle

- Clinical/Research Medical Geneticist**
Swedish Cancer Institute
- Scientist I / Associate Scientist**
TwinStrand BioSciences
- Bioinformatics Analyst II**
Allen Institute for Immunology
- Researcher, Non-Communicable Disease Focus**
UW
- Research Technician II**
Fred Hutch

[View 45 Other Science Jobs](#) 



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