

Publications of the Week

De Novo Design of Miniproteins Targeting GPCRs

First Authors: Edin Muratspahić, David Feldman, David Kim, Xiangli Qu, Ana-Maria Bratovianu, and Paula Rivera-Sánchez
| Senior Author: David Baker (pictured)
Nature | Institute for Protein Design, Howard Hughes Medical Institute, and UW



G protein-coupled receptors (GPCRs) play key roles in physiology and are central targets for drug discovery and development, but the design of protein agonists and antagonists has been challenging. Here, researchers describe computational de novo design methods and a high-throughput “receptor diversion” microscopy-based screen for generating GPCR binding miniproteins with high affinity, potency, and selectivity. [Abstract](#)

[View All Publications](#)

Awards

Assembly on Allergy, Immunology, & Inflammation Mid Career Award

American Thoracic Society



Dr. Carmen Mikacenic (pictured) at the Benaroya Research Institute has won the American Thoracic Society's Assembly on Allergy, Immunology & Inflammation Mid Career Award. This award recognizes mid-career faculty who are emerging as national and/or international leaders in their respective fields and have made meaningful contributions in the fields of pulmonary, critical care, allergy, immunology, and inflammation. [Read More](#)

Dr. Tisha Wang Named Chair of the Department of Medicine

UW Medicine



Dr. Tisha Wang (pictured) will become the seventh chair of the University of Washington Department of Medicine on June 1, 2026. She is currently a Professor of Clinical Medicine in the Division of Pulmonary, Critical Care, and Sleep Medicine and Senior Executive Clinical Vice Chair in the Department of Medicine at the University of California Los Angeles. [Read More](#)

3 UW-Affiliated Graduate Students Among This Year's 30 Soros Fellows

UW News



Two current UW graduate students and one recent alumnus have been selected to receive the prestigious Paul & Daisy Soros Fellowships for Young Americans. The awardees are Daniel G. Chen, Briana Martin-Villa, and Ethan Shen (pictured, left to right). This merit-based program supports outstanding immigrants and children of immigrants pursuing graduate education in the U.S. [Read More](#)

2026 Equity Academic Scholarship Awards

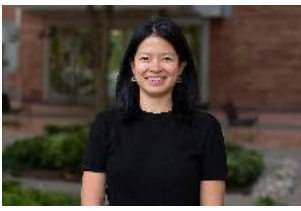
UW Medicine



A challenging career stage transition for trainees is advancing from post-doctoral and clinical fellowship to faculty positions. To promote the training and career development of trainees, the UW Medicine created the Equity Academic Scholarship Awards. This year's recipients are Drs. Thomas Fitzpatrick (pictured, right) and Ronald Paranal (left). [Read More](#)

Dr. Nina Tan Receives Beeson Award

UW Medicine



Dr. Nina Tan (pictured), Assistant Professor of Clinical Practice at UW, is this year's recipient of the Paul B. Beeson Award. The award commemorates Dr. Paul Beeson who was celebrated for his teaching skills. Dr. Tan was chosen by the medicine residents in recognition of outstanding clinical teaching and for exemplifying scholarship, humility, compassion, and integrity. [Read More](#)

Pat Fleet Awards

UW Medicine



Drs. Lindsay Gibbon (pictured, left) and Charlotte Larson (right) are the 2026 recipients of the Harborview Pat Fleet Awards. This award honors iconic nephrologist and educator, Dr. Pat Fleet, and recognizes the contributions of a faculty member and fellow who provided superb care in a consultative role. Dr. Gibbon was honored for palliative care and Dr. Larson for gastroenterology. [Read More](#)

[View All Awards](#)

Local News

SeaBridge Program Reflects Dr. Marion Pepper's Vision for Postdoctoral Fellowships

Brotman Baty Institute



Dr. Marion Pepper (pictured) believes postdoctoral fellowships are integral to success, whether one remains in academia or pursues a career in industry. Dr. Pepper's vision led to the UW Immunology Department's Institute for Translational Immunology in 2023, a postdoc training program that provides financial and career support for individuals in biomedicine. [Read More](#)

Inside BRI's Down Syndrome Biorepository

Benaroya Research Institute (BRI)



Dr. Bernard Khor (pictured) became interested in studying the immune systems of people with Down syndrome during his postdoctoral training. But scientists were learning that people with Down syndrome were more likely to develop autoimmune disease and experience complications from common infections. Now, Dr. Khor is a field leader and played a key role in building BRI's Down Syndrome Biorepository. [Read More](#)

How Far Are We From Human Brain Simulation and What Will It Mean for Science?

Allen Institute



Scientists could re-create the brain function of a small animal in the next several years and human brain emulation might happen in our lifetime. Scientists around the world and at the Allen Institute have captured the state of the science and path to progress in a new report, revealing a roadmap to accomplishing this incredible feat and the barriers researchers must cross to achieve it. [Read More](#)

[View All Local News](#) | [Submit an Article](#)

Upcoming Events in Seattle

June 2

10:00 AM

Breakthroughs in Bioprocessing

The SOMM Hotel & Spa

June 6

7:00 PM

Brewology

Pacific Science Center

June 9

12:00 PM

Protein Design and Engineering: Concepts, AI Tools, and Local Innovation

Seattle Asian Art Museum

June 10

3:00 PM

Seattle Life Science & Healthcare Summer Happy Hour

CoLabs

June 26

7:00 PM

NERD NITE SEATTLE

Old Stove Brewing Ship Canal

[View All Events](#) | [Submit an Event](#)

Science Jobs in Seattle

Field Service Engineer

STEMCELL Technologies

Associate Director, Postmortem Tissue Collection Program

Fred Hutch

Research Associate I, Tissue Processing & Electrophysiology

Allen Institute

Lab Manager II

Institute for Systems Biology

Assistant Scientist, Lab Operations

Bristol Myers Squibb

[View 91 Other Science Jobs](#) | [Submit a Job](#)

Webinar: Scale MSC and EV Manufacturing Workflows

[REGISTER NOW](#)

Submit your articles and events by reaching out to us at info@scienceinseattle.com.

BROUGHT TO YOU BY



STEMCELL Technologies

Products | Services

STEMCELL Science News

Free Regular Updates on Your Field

The Stem Cell Podcast

Interviews and Updates on Stem Cell Science