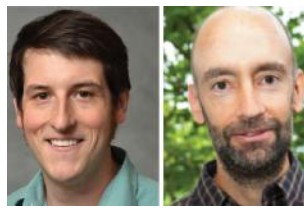


Publications of the Week

Weaker Neural Suppression in Autism

First Author: Michael-Paul Schallmo (pictured, left) | Senior Author: Scott Murray (pictured, right)
Nature Communications | UW



Leveraging well-characterized suppressive neural circuits in the visual system, the authors used behavioral and fMRI tasks to demonstrate a significant reduction in neural suppression in young adults with autism spectrum disorder compared to neurotypical controls. MR spectroscopy measurements revealed no group differences in neurotransmitter signals.

[Profile](#) | [Abstract](#) | [Press Release](#)

Analysis of a SARS-CoV-2 Infected Individual Reveals Development of Potent Neutralizing Antibodies to Distinct Epitopes with Limited Somatic Mutation

First Author: Emilie Seydoux | Senior Author: Leonidas Stamatatos (pictured)
Immunity | Fred Hutch and UW



The authors isolated B cells specific for the SARS-CoV-2 envelope glycoprotein spike (S) from a COVID-19-infected subject 21 days after the onset of clinical disease. 45 S-specific monoclonal antibodies were generated. They had undergone minimal somatic mutation with limited clonal expansion, and three bound the receptor-binding domain.

[View All Publications](#)

Awards

Immunologist Dr. Megan Koch Named 2020 Pew Scholar in the Biomedical Sciences

Fred Hutch



Fred Hutch immunologist Dr. Meghan Koch (pictured) has been named a 2020 Pew Scholar in the Biomedical Sciences. Dr. Koch and 21 other members of the 2020 class join a community of over 1,000 scientists chosen to receive this prestigious award from the Pew Charitable Trusts, given to young investigators of outstanding promise who are working to advance human health.

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AVM Biotechnology Awarded SBIR Phase I Grant from National Cancer Institute

PR Newswire



AVM Biotechnology has been awarded a National Cancer Institute Small Business Innovation Research (SBIR) Grant from the National Institutes of Health to study the use of their lead molecule, AVM0703, as a preconditioning agent to allow safe and efficient delivery of therapeutic immune cells for cancer treatment.

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Local News

Remembering Earl Davie — A Pioneer in Blood Coagulation Research

The Huddle



Dr. Earl Davie (pictured), Professor Emeritus and former Chair of the Department of Biochemistry at UW, died on June 6, 2020. He is known as a giant in the field of biochemistry for his life-saving research around blood clotting and therapeutic proteins. Every year, the Earl W. Davie Symposium at the University of British Columbia honors his outstanding body of work and provides inspiration to the next generation of students and researchers.

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Javelin Bladder III Clinical Trial Demonstrates Improved Survival for Patients with Urothelial Cancer

UW Department of Medicine



The JAVELIN Bladder 100 phase III clinical trial demonstrates that treatment with immunotherapy avelumab plus best supportive care (BSC) significantly prolongs overall survival compared to BSC alone, in patients with locally advanced or metastatic urothelial cancer. Dr. Petros Grivas (pictured), Associate Professor of UW's Division of Medical Oncology, presented the results during the ASCO Virtual Scientific Program.

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Lab-Grown Human Skin Holds Promise for Skin Grafts

Allen Institute

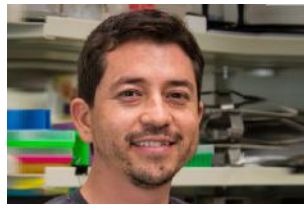


Dr. Karl Koehler (pictured) and his colleagues have succeeded in growing the most lifelike human skin in the lab to date. Allen Institute for Cell Science cell lines formed the basis for the human skin organoids. These will be used to better understand how skin develops; to study the biology of skin cancer and rare genetic disorders; and even, one day, as the basis for better skin grafts.

[Read More](#)

Pudgy Middle Age: Does a Little Fat Have an Upside?

Fred Hutch



Work by Dr. Anthony Beas (pictured) and fellow scientists at Fred Hutch has suggested that fat may have its benefits against stress during aging. To study aging at the cellular level, they used single-celled yeast and found that middle-aged yeast cells with a little extra pudgy withstood cold better than skinny middle-aged yeast cells.

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Q&A on Field of Alzheimer's Research with Dr. Thomas Grabowski

UW Medicine



Every week, new and promising news comes out on treating and curing Alzheimer's disease. New drug trials are starting. New therapies are being tested. UW Medicine checked in with Dr. Thomas Grabowski (pictured), a Professor of Radiology and Neurology and the Director of UW Medicine's Alzheimer Disease Research Center, on the field of Alzheimer's research.

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Mutated Skin Stem Cells Self-Correct to Prevent Cancer

Fred Hutch



Dr. Slobodan Beronja (pictured) and scientists at Fred Hutch have discovered a previously unknown self-correcting mechanism by which skin tissue carrying widespread cancer-causing mutations resists tumor growth in mice. The team examined inherited mutations in the Ras family of genes, which cause a group of disorders called RASopathies and are often mutated in human tumors.

[Read More](#)

Mourning Dr. Supriya 'Shoop' Saha, Rising Star in Liver Cancer Research

Fred Hutch

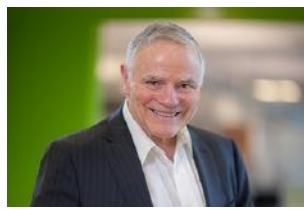


Dr. Supriya Kumar "Shoop" Saha lived only 40 years. But in his time on earth, he made an outsized impact on the science of the rare and deadly liver cancer he studied, and on the lives of those who loved him. The physician-scientist beloved for his warm personality and well-known for his professional contributions died on May 6 of complications of treatment for myelofibrosis.

[Read More](#)

Leroy Hood: Leading the Systems Biology Revolution

Albert and Mary Lasker Foundation



The highlights of Leroy Hood's scientific career are like peaks in a mountain range spanning diverse fields, from molecular immunology and engineering, to genomics, to systems medicine. But Hood (pictured) emphasized that "one of the really key things about science is every 10 or 15 years, you really make a dramatic break and do something new... and you have to learn a lot before you can make fundamental contributions."

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Upcoming Events in Seattle

June 24
10:00 AM

STAT Webinar: Targeted Cancer Drugs: What's on the Market?
What's in the Pipeline?

Online

June 26
3:00 PM

UWPA Virtual Postdoc Research Symposium

Online

June 24-27
8:00 AM

ISSCR 2020

Online

July 16
4:00 PM

2020 Spring Virtual SLU Collaborative Seminar Series: Research with Human Subjects

Online

July 16-17
8:00AM

2020 Life Science Innovation Northwest

Online

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Science Jobs in Seattle

Senior Scientist, Cellular Immunology and Immune Microenvironment

Allen Institute

Postdoctoral Research Associate, Mucosal Immunology

Benaroya Research Institute

Principal Scientist, Antibody Discovery

Systemimmune

Senior Scientist, CAR T and TCR Biology

Bristol Myers Squibb

Director, Drug Safety & Risk Management

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