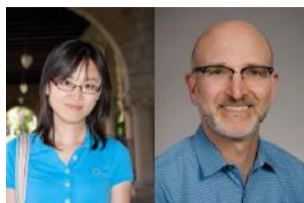


**Publications of the Week**
**The Metabolome as a Biomarker of Aging in *Drosophila melanogaster***

 First Author: Xiaojing Zhao (*pictured, left*) | Senior Author: Daniel Promislow (*right*)  
 Aging Cell | UW

 The authors followed adult cohorts of 20 *Drosophila* Genetic Reference Panel strains chosen to represent the breadth of lifespan variation, obtain estimates of lifespan, baseline mortality, and rate of aging, and associate these parameters with age-specific functional traits including fecundity and climbing activity and with age-specific targeted metabolomic profiles. [Abstract](#)
**Whole-Blood Cytokine Secretion Assay as a High-Throughput Alternative for Assessing the Cell-Mediated Immunity Profile after Two Doses of an Adjuvanted SARS-CoV-2 Recombinant Protein Vaccine Candidate**

 First Author: Stephen De Rosa | Senior Author: Anke Pagnon (*pictured*)  
 Clinical & Translational Immunology | Fred Hutch

 The authors previously described the Phase I-II evaluation of SARS-CoV-2 recombinant protein candidate vaccine, CoV2-PreS-dTM, with AF03- or AS03- adjuvant systems. They further characterise the cellular immunogenicity profile of this vaccine candidate using a whole-blood secretion assay in parallel to intracellular cytokine staining of cryopreserved peripheral blood mononuclear cells. [Abstract](#)
[View All Publications](#)
**Awards**
**2022 Brotman Baty Institute Grant Awardees**

Brotman Baty Institute


 Each year, the Brotman Baty Institute awards grants to encourage engaging and impactful research among investigators across UW, Fred Hutch, and Seattle Children's with clear relevance to precision medicine. This year's winners include Drs. Alison Paquette (*pictured, left*) and Jay Sarthy (*right*), who are working to assess how phthalate exposure disrupts placental transcriptional regulation. [Read More](#)
**UW Pharmacy's Drug Interaction Database, Built to Promote Medication Safety, Wins National Innovation Award**

UW News


 The UW School of Pharmacy's Drug Interaction Database (DIDB) — the core research tool from the school's nonprofit Drug Interaction Solutions team — is celebrating a national award for innovation. "The award from the American Society for Clinical Pharmacology & Therapeutics is a great acknowledgement of the impact we've had in the drug development space," said Dr. Isabelle Ragueneau-Majlessi (*pictured*), DIDB Co-Founder. [Read More](#)
**Infectious Disease Research Institute Awarded BARDA Funding for Development of Intranasal Influenza RNA Vaccine**

BioSpace


 The Infectious Disease Research Institute has been awarded a contract with the Biomedical Advanced Research and Development Authority (BARDA) Division of Research, Innovation, and Ventures "Beyond the Needle" program to develop an intranasally delivered RNA vaccine for pandemic influenza. Beyond the Needle funds the development of new technologies to make vaccine and therapeutic administration easier, to ultimately create globally accessible vaccines. [Read More](#)
[View All Awards](#)
**Local News**
**Epilepsy Update: Dr. Rusty Novotny Discusses Latest Treatments and Developments**

Seattle Children's


 New research and treatments for epilepsy have come a long way in the last several years. In this Q&A, Dr. Edward "Rusty" Novotny (*pictured*), Director of Seattle Children's Epilepsy Program and Professor of Neurology and Pediatrics at the University of Washington, answers questions about advances in epilepsy treatment. [Read More](#)
**Takeaways from the Alzheimer's Association International Conference**

UW Medicine Memory &amp; Brain Wellness Center


 Dr. Angela Hanson (*pictured*), researcher and geriatric physician at UW, reports on what she learned at the Alzheimer's International Conference 2021, including the effects of COVID-19 on the brain, omega-3 fatty acid supplements, the MIND diet to improve brain health and prevent dementia, and promising therapeutics in testing. [Read More](#)
**Breakthrough Infections Spur Strong Antibody Responses**

UW Medicine


 A new study has looked at the strength, durability and breadth of neutralizing antibody responses generated by breakthrough infections in individuals vaccinated against SARS-CoV-2. The research, published in *Cell*, was led by Drs. Alexandra Walls and David Veesler in the Department of Biochemistry at the University of Washington. [Read More](#)
**New Commentary Offers Reforms to Regulations That Hindered Seattle Flu Study Surveillance of SARS-CoV-2**

Brotman Baty Institute


 As the two-year anniversary of the pandemic approaches, a new commentary provides insights into reforming the "labyrinth of conflicting and uncoordinated actions among state and federal regulators" that, in early 2020, hampered Seattle researchers from community testing for COVID-19. The commentary, written by members of the Brotman Baty Institute, was published recently in the journal *Nature Medicine*. [Read More](#)
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**Interesting Articles**
**White House Calls for Consistent Rules for Disclosing Foreign Research Funding**

Science


 President Joe Biden's administration last week ordered federal agencies to draft uniform policies describing the outside sources of funding that scientists must disclose when they apply for federal grants, and the penalties for failing to do so. Research groups welcome the directive, but wish it had also specified what kinds of foreign collaborations might get a scientist in trouble. [Read More](#)
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**Upcoming Events in Seattle**

January 25 4:00 pm	<b>DeviceConnect: Advances in Cardiopulmonary Devices for Monitoring and Response</b> Online
January 27 8:00 am	<b>UW Postdoc Association 2022 Annual Research Symposium</b> Online
January 27 - 28 8:30 am	<b>Seattle Cell Science Symposium 2022</b> Online
February 4 - 5 4:00 pm	<b>SEP School Year Workshop: Immunotherapy Unit</b> Online
February 17 4:00 pm	<b>Research Roundtable with Dr. Nitin Baliga</b> Online

[View All Events](#) | [Submit an Event](#)
**Science Jobs in Seattle**

- Clinical Trial Manager**  
Chinook Therapeutics
- Postdoctoral Fellow, Tuberculosis**  
Seattle Children's
- Staff Scientist, Biostatistician**  
Fred Hutch
- Research Associate, Protein Engineering**  
SysImmune
- Senior Research Associate, Protein Chemistry**  
Oncoresponse

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