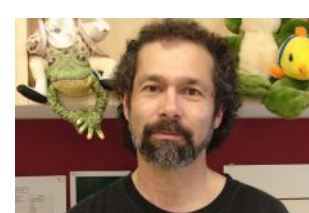


Publications of the Week
A High-Quality Bonobo Genome Refines the Analysis of Hominid Evolution

 First Author: Yafei Mao | Senior Author: Evan Eichler *(pictured)*
 Nature | Howard Hughes Medical Institute, Institute for Systems Biology, and UW


The divergence of chimpanzee and bonobo provides one of the few examples of recent hominid speciation. The authors describe a fully annotated, high-quality bonobo genome assembly. They also compare the bonobo genome to those of other great apes, and identify more than 5,569 fixed structural variants that specifically distinguish the bonobo and chimpanzee lineages. [Abstract](#)

Identification of *In Vivo* Hox13 Binding Sites Reveals an Essential Locus Controlling Zebrafish Brachyury Expression

 First Author: Zhi Ye | Senior Author: David Kimelman *(pictured)*
 Development | UW


The authors recently showed that the Hox13 genes help to support body axis formation and to maintain an autoregulatory loop between Wnt and Brachyury/Tbxt that is required for the neuromesodermal progenitor to retain mesodermal potential, and hence normal axis development. Using a new method for identifying *in vivo* transcription factor binding sites, they've now identified over 500 potential Hox13 targets. [Abstract](#)

[View All Publications](#)
Awards
Innovator of the Year Awarded to Directors of Virology Lab

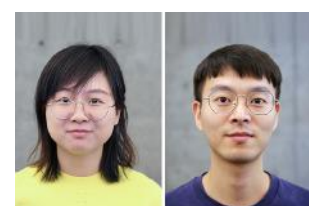
UW Medicine



Drs. Keith Jerome *(pictured)* and Alex Greninger were named Innovators of the Year 2020 by the University of Washington School of Medicine for their foresight and innovation in developing one of the first tests in the country that detects COVID-19. On March 2, 2020, the UW Medicine Clinical Virology Lab received federal Emergency Use Authorization to use their reverse transcription-PCR test as a diagnostic tool for UW Medicine patients. [Read More](#)

Three Collaborative Projects Announced for ISB's 2021 Innovator Award Program

Institute for Systems Biology (ISB)



In 2021, ISB has kicked off the fifth year of its successful Innovator Award Program by announcing three collaborative and cross-disciplinary projects, led by Drs. Yue Lu *(pictured, left)*, Yin Tang *(right)*, and Bahar Tercan. The program was created in 2017 to support early-career scientists working on high-risk, high-reward innovations. [Read More](#)

[View All Featured Awards](#)
Local News
What Can Worms Teach Us About Ourselves?

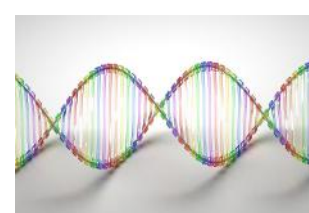
Fred Hutch



A tiny swimming, crawling worm may not seem like an animal that can tell us much about humans. But appearances can be deceiving. "We actually face quite a lot of similar challenges as other animals on this earth do. They have to figure out how to survive, how to reproduce, how to find their food. Those things are fundamental," said Fred Hutch neuroscientist Dr. Jihong Bai *(pictured)*. [Read More](#)

Brotman Baty Institute Collaborates with Illumina and GeneDx on Whole-Genome Sequencing Study

Brotman Baty Institute (BBI)



BBI is collaborating with Illumina and GeneDx to study early detection of developmental differences in children. The project, SeqFirst, will provide early access to whole-genome sequencing to 100 children suspected of having developmental differences at the point of diagnosis. Scientists anticipate this will lead to earlier, more rapid diagnoses, as well as lowering health care costs and improving subsequent treatment for these children. [Read More](#)

How One SARS-CoV-2 Protein Keeps Cells from Fighting Back

UW Medicine



New research has uncovered a way SARS coronaviruses delay an immune defense against them. They do this by making a viral protein that keeps molecules from moving through pores in the membrane that separates a cell nucleus from the surrounding cytoplasm. "With these pores blocked, infected cells can't fight back," said Dr. Alex Greninger *(pictured)*. [Read More](#)

BBI Faculty Conversations: Dr. Alice Berger

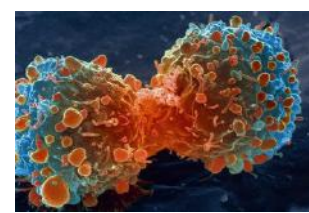
Brotman Baty Institute (BBI)



BBI has released a new installment of their *BBI Faculty Conversations* where they interview the institute's scientists about their research. This week's conversation is with BBI member Dr. Alice Berger *(pictured)*, Assistant Professor in the Human Biology Division at Fred Hutchinson Cancer Research Center, who is an expert in discovering how changes to our genetic code lead to cancer. [Read More](#)

Neoleukin Therapeutics Announces Initiation of Phase 1 NL-201 Trial

Neoleukin Therapeutics



Neoleukin Therapeutics, a biopharmaceutical company utilizing sophisticated computational methods to design *de novo* protein therapeutics, has announced dosing the first patient in a Phase 1 trial of NL-201 for advanced solid tumors. NL-201 is a *de novo* protein designed to mimic the therapeutic activity of natural cytokines IL-2 and IL-15. [Read More](#)

[View All Articles](#) | [Submit an Article](#)
Upcoming Events in Seattle

May 11 7:00 PM	Happy Hour with the Hutch Online
May 12 12:00 PM	Evidence Synthesis Primer (Part 2), Evaluating Research Evidence: A How-To Guide Online
May 13 - 14 8:00 AM	2021 Spring ADRC Meeting Online
May 18 4:00 PM	Research Roundtable with Dr. Jared Roach Online
May 19 8:00 AM	2021 Pediatric Sequencing Symposium Online

[View All Events](#) | [Submit an Event](#)
Science Jobs in Seattle
Lab Assistant II
Roche

Clinical Research Coordinator II-III
Benaroya Research Institute at Virginia Mason

Research Technician I-II, Berger Lab
Fred Hutch

Clinical Data Associate II
Seagen

Postdoctoral Fellow
Seattle Childrens

[View 57 Other Science Jobs](#) | [Submit a Job](#)

 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 Weekly Updates on Your Field

The Stem Cell Podcast

Interviews and Updates on Stem Cell Science