

Publications of the Week
Blockade of Interleukin 10 Potentiates Antitumor Immune Function in Human Colorectal Cancer Liver Metastases

 First Author: Kevin Sullivan (*pictured, second from right*) | Senior Author: Venu Pillarisetty (*second from left*)
 Gut | UW, Fred Hutch, Brotman Baty Institute, and Institute for Systems Biology


Programmed cell death protein 1 checkpoint inhibition and adoptive cellular therapy have had limited success in patients with microsatellite stable colorectal cancer liver metastases (CRLM). The authors evaluate the effect of interleukin 10 blockade on endogenous T cell and chimeric antigen receptor T cell antitumor function in CRLM slice cultures. [Profile](#) | [Abstract](#)

Chemical Exploration of a Highly Selective Scaffold with Activity Against Intracellular *Mycobacterium tuberculosis*

 First Author: Samuel Njikan | Senior Author: Tanya Parish (*pictured*)
 Microbiology Spectrum | Infectious Disease Research Institute and Seattle Children's


The authors previously identified a phenylthiourea series with activity against intracellular *Mycobacterium tuberculosis* using a high-throughput, high-content assay. Here, they conducted a catalog structure-activity relationship study with a collection of 35 analogs. They identified several thiourea derivatives with excellent potency against intracellular bacteria and good selectivity over eukaryotic cells.

[Abstract](#)
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Awards
Fred Hutch Announces Recipients of the 4th Annual Dr. Eddie Méndez Award

Fred Hutch



Fred Hutch has announced ten recipients of the 2022 Dr. Eddie Méndez award, honoring a physician-scientist and cherished colleague at Fred Hutch. The recipients, including Dr. Lesley Chapman Hannah (*pictured*), are postdoctoral researchers from across the US with research expertise in cancer, infectious disease, and basic sciences. [Read More](#)

BBI Provides \$50,000 Grant to Evaluate Performance of Novel Diagnostic Techniques

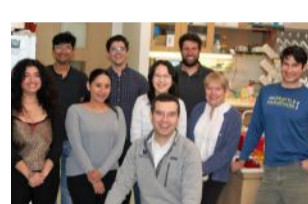
Brotman Baty Institute (BBI)



Dr. He Fang (*pictured, right*) is determined to conduct research and practice medicine "for the betterment of our nation's healthcare system." Some might call that an ambitious – if not daunting – aspiration. With the help of two experienced BBI researchers as her mentors, Drs. Yajuan Liu and Cate Paschal (*left*), and a BBI grant of \$50,000, Dr. Fang is confident she will have the mentorship and instruction needed for a "solid foundation" to help fulfill that aspiration. [Read More](#)

BBI's Andrew Stergachis Named a Pew Biomedical Scholar to Study 'Uncharted Regions of the Human Genome'

Brotman Baty Institute (BBI)



BBI's Dr. Andrew Stergachis (*pictured, bottom row*) has been named a biomedical scholar by the Pew Charitable Trusts, an honor that includes a \$300,000 grant, enabling him to help "unravel the structure and function of chromatin and gene regulatory features within 'uncharted' regions of the human genome." Dr. Stergachis was one of only 22 early career scientists selected among nearly 200 applicants. [Read More](#)

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Local News
Biotech Training Camp Founded by Students Launches in Seattle

GeekWire



Nucleate, a student-run biotech training program, is now in Seattle. The program offers a crash course in commercializing academic research projects, and has been expanding to biotech clusters nationwide, from San Diego to Houston. Nucleate connects participants with potential co-founders, fellowships, legal advice, cloud computing, and other lab support in its six-month program, which is accepting applications in Seattle. [Read More](#)

Promising Young Scientist Florence Chardon: 'Determined and Focused' on Overcoming Challenges in Genomics

Brotman Baty Institute



Florence Chardon's (*pictured*) introduction to scientific concepts started when she was old enough to understand dinner-time conversations with her parents and two older sisters. Her mother and father, both European physicists, would hold court usually on one of two topics: science or world politics. Listening to Chardon, a PhD candidate in the UW Medicine Department of Genome Sciences, it is evident she chose the right career path. [Read More](#)

Six Years In, ISB's Innovator Award Program an 'Unqualified Success'

Institute for Systems Biology (ISB)



The fifth cycle of ISB's Innovator Award Program officially wrapped up this week with the principal investigators of the 2021-22 projects delivering their final presentations. The metrics of the program are impressive. Over five completed cycles, the Innovator Award Program has resulted in 16 funded projects, seven patents filed, 22 papers published, 28 new grant ideas, 35 partnerships created, six software products, and nine new methods or technologies. [Read More](#)

Health Data Company Truveta to Partner with Pfizer on Monitoring COVID Vaccines and Therapies

GeekWire



Health data company Truveta announced a partnership with biopharma giant Pfizer, which will use Truveta's platform to monitor the safety of its COVID vaccines and therapies across the US. Truveta has access to de-identified data from 20 health systems, representing more than 15% of US healthcare. The company also released data from a recent analysis of COVID-19, suggesting that women are more susceptible to long COVID, consistent with previous studies. [Read More](#)

UW Develops First Successful Auto-Adjusting Prosthetic Socket

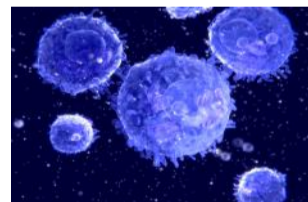
UW Department of Bioengineering



UW researchers have developed the first adaptive socket, giving people with limb amputation a new level of freedom. "Very small changes in the size of a person's residual limb change how the prosthesis feels," explains Kate Ailyn, a certified prosthetist in Professor of Bioengineering Dr. Joan Sanders' (*pictured*) lab at UW. Now, a team of bioengineers led by Dr. Sanders has solved this problem — they've created a socket that automatically changes size as the user's limb changes size. [Read More](#)

Adaptive Biotechnologies Launches T-Detect™ Lyme, A New T Cell Clinical Test for the Detection of Early Lyme Disease

Adaptive Biotechnologies



Adaptive Biotechnologies recently announced the launch of T-Detect™ Lyme. The T-Detect test detects an immune response by leveraging the body's unique T cell response to disease-associated antigens. T-Detect Lyme identifies T cells activated by *Borrelia burgdorferi*, the bacterium that causes Lyme disease, to help diagnose early Lyme disease. [Read More](#)

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Upcoming Events in Seattle

June 29 8:00 AM	East West Life Science Summit 2022 Conference Center
July 9 12:00 PM	Odessa Brown Children's Clinic Community Open House 3939 S. Othello Street
July 12 4:00 PM	Research Roundtable with Dr. Sean Gibbons Online
July 12 4:00 PM	BIG HART Seminar: IHART Panel Online
July 14 11:00 AM	ISCRM Fellows Mini-Symposium 2022 Orin Smith Auditorium

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Science Jobs in Seattle

- Postdoctoral Fellow, Research**
Seattle Children's
- Research Technician I-II**
Fred Hutch
- Associate Director, Development Project Management, Biomarkers**
Gilead Sciences
- Associate Quality Engineer**
Adaptive Biotechnologies
- Specialist, Quality Control, Cell Therapy**
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