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INNOVATION AND COMMERCIALIZATION

March 6, 2024

OHSU Innovates



LEADERSHIP MESSAGE

OHSU Innovates events are ramping up this spring!

First, congratulations to the 2024 OHSU Innovation Awardees! We hope you take the chance to read about the great projects these teams are working on to develop new healthcare solutions. Don't forget to register

and join us for the in-person awards celebration and happy hour being held March 14.

On April 17, we will host the second installment of the OHSU Innovates Speaker series, which will focus on promoting inventor equity in patenting. The seminar will feature a panel discussion with intellectual property attorney Stephen Sullivan, J.D., and OHSU members Ruchi Thanawala, M.D., M.S., and Carmem Pfeifer, D.D.S., Ph.D.

Finally, preparations are in full swing for our annual Innovation Day programming, which will be held during OHSU Research Week on Thursday, May 9. Lasker award winner David Huang, M.D., Ph.D., will kick off the day with a keynote address on his innovation journey developing optical coherence tomography. Attendees will also get to learn about new innovations happening at OHSU, marketing their science to industry and alternative career paths in startups and venture capitalism.

We look forward to seeing you at these upcoming events!

Travis Cook, M.S., M.B.A, CLP
Senior Director, Technology Transfer

Aditi Martin, Ph.D.
Senior Director, Collaborations and Entrepreneurship

FEATURED STORY

Innovation Awards announcement



Congratulations to the 2024 OHSU Innovation Awardees Alex Bartlett, Ph.D., Robert Eil, M.D., Michael Riscoe, Ph.D., Joaquin Cigarroa, M.D., Matthias Merkel, M.D., Ph.D., and Joe Ness, M.H.A., RPh. These awards recognize innovative scientists in the OHSU community striving to turn scientific ideas into healthcare solutions to improve patient lives. Read more about the awardees and their innovative science in the [2024 OHSU Innovation Awards announcement](#).

Register now to attend the in-person awards celebration, which includes a networking happy hour, to be held March 14, 4-7 p.m. [Register for the event through Eventbrite](#).

NEWS

OHSU startup Yecuris signs major deal to join international biomedical research company Janvier Group

At the end of 2023 the OHSU startup company Yecuris finalized a deal to join the Janvier Group. Founded in 1960, the Janvier Group is one of the world leaders in providing research models and associated services. Yecuris was initially formed to commercialize a liver-humanized mouse model developed in the OHSU laboratory of [Markus Grompe, M.D.](#)

Since its founding in 2007, Yecuris has expanded to provide products and services to help biotechnology and pharmaceutical companies develop next-generation medicine for a number of human disease. The deal marks a significant achievement for an OHSU startup company and highlights how this innovative OHSU research made the journey to a global market. Read more about the Yecuris announcement in the [press release](#).

Learn more about the Corvallis Microfluidics Tech Hub



[Read the new Oregon Business article](#) to learn about the Corvallis Microfluidics Hub, which features OHSU member Jose Luis Montoya Mira, Ph.D. and his work to develop microfluidics for cancer research. OHSU is one of 40 institutes, companies and municipalities taking part in the Corvallis Microfluidics Tech Hub, an industry coalition led by Oregon State University's College of Engineering professor Tom Weller. In October the group was designated as a national Tech Hub by the U.S. Department of Commerce's Economic Development Administration.

Four OHSU startups receive SBIR/STTR matching grants

Congratulations to OHSU startups Center M, Luciole Pharmaceuticals, PDX Pharmaceuticals and Quantiport on receiving SBIR/STTR matching grants from Business Oregon and Oregon Innovation Council. Business Oregon's Matching Grant program can increase a business's chance of success by helping them advance their technologies and better position themselves for future fundraising and growth after the federal grants are complete. Read more about the program and the full list of recipients in the [press release](#).

ANNOUNCEMENTS

Leadership Transition at OCTRI



After 10 years as co-director, [David Ellison, M.D.](#), will be stepping away from his role leading the Oregon Clinical and Translational Research Institute (OCTRI) on July 1, 2024. A renowned nephrologist and scientist, David will continue his work at OHSU, leading the groundbreaking research performed by his lab investigating hypertension and kidney disease. Throughout David's tenure as OCTRI's co-director, he advocated for, and oversaw the growth of programs promoting innovation and commercialization, which helped transform the institute's role supporting inventors and entrepreneurs.

OHSU Innovates thanks David for his years of leadership and wisdom at

OCTRI, and wishes him the very best. OCTRI co-director, [Cynthia Morris, Ph.D., M.P.H.](#), will be the lead PI for the remainder of the CTSA grant.

FUNDING OPPORTUNITIES

Each week, OHSU Research Development compiles a list of funding opportunities from internal sources, the government and private foundations. [The list is published every Thursday.](#)

FEATURED EVENTS

Save the date - Innovation Day: May 9, 2024

10 A.M.

Innovation & Commercialization Keynote

David Huang, M.D., Ph.D. *"Seeing Small and Aiming Big: the Development and Clinical Impact of Optical Coherence Tomography"*

11 A.M.

OHSU innovation showcase

1 P.M.

Marketing your science to industry

4 P.M.

Careers in venture capital and scientific startups

Location: OHSU Auditorium

Innovation Day will be held on May 9, as a part of [OHSU Research Week](#). The day will feature up-and-coming innovative OHSU technologies, startups and panel discussions on topics of commercialization and entrepreneurship. The majority of the day's programming will be held virtually, followed by an in-person career panel for early-career members

in the afternoon. Find out more details from the [Innovation Day website](#).

Innovates Speaker series – Promoting Inventor Equity in Patenting



Join us on April 17 for the OHSU Innovates Speaker Series, where we will delve into promoting equity and inclusivity in patent inventorship. As of 2019, women and people of color make up a very small percentage of inventors on patents issued in the US, at approximately 12% and 1.7% respectively. These disparities in patent inventorship surpass even those in scientific authorship, and bring with them significant economic implications.

Intellectual property lawyer [Stephen Sullivan, J.D.](#), of Schwabe, Williamson and Wyatt will lead the discussion, joined by OHSU members [Carmem Pfeifer, D.D.S., Ph.D.](#), and [Ruchi Thanawala, M.D., M.S.](#), to discuss the barriers to inclusive inventorship and strategies to foster more equity in patenting.

WHEN

Wednesday, April 17
10-11 a.m. PDT

WHERE

Virtual

REGISTER

Free online

UPCOMING EVENTS

MARCH 4-
APRIL 8

OEN Startup Business Essentials

MARCH 6

OBI Lunch and Learn: Nuts and Bolts of
Biotech IP Strategy

MARCH 7

Accelerate Happy Hour Networking &
Fireside Chat Discussion Panel
sponsored by Cambia Health

MARCH 21-
APRIL 15

AOBIO Education & Investment
Program for Life & Bioscience Startups

APRIL 3

Virtual Lunch and Learn: Oregon
Entrepreneurial Resources Panel

MAY 6-10

OHSU Research Week

TECHNOLOGIES

Featured technologies available for licensing

A selection of OHSU-developed technologies available for licensing to industry partners. For more technologies visit the [OHSU Technology Portal](#).

[OHSU 3127](#): A microcontroller for easier whole-cell patch clamping on

dendrites and axons

[OHSU 3192](#): eDentin- a tissue engineered reparative dentin

[OHSU 3193](#): Artificial Intelligence-Assisted Projection-Resolved Optical Coherence Tomographic Angiography (aiPR-OCTA)

Newly Licensed or Optioned OHSU Technologies

Congratulations to the inventors of these technologies, which were recently licensed or optioned to outside partners.

[OHSU 1771](#) - Materials from the BioLibrary

OHSU 3034 - Hub Software v4.0.0 ([Zachary Beattie, Ph.D.](#), [Jeffrey Kaye, M.D.](#), Thomas Riley)

OHSU 3035 - Study Management Console Software v4.0.0 (C4) ([Zachary Beattie, Ph.D.](#), [Jeffrey Kaye, M.D.](#), Jonathan Lee, Thomas Riley)

OHSU 3184 - Protein/polypeptide sequencing ([Riccardo Carloni, Ph.D.](#), [Yu-Jui \(Roger\) Chiu, Ph.D.](#), [Nicholas Groves, Ph.D.](#), [Andy Mendoza, M.S.](#), [Justin Plaut, Ph.D.](#), [Srivathsan Ranganathan, Ph.D.](#), [Eugene Tu](#))

OHSU 3187 - CART Data set ([Zachary Beattie, Ph.D.](#), [Jeffrey Kaye, M.D.](#))

[OHSU 3191](#) - Workplace Mental Health Support Training for Leaders ([Leslie Hammer, Ph.D.](#))

OHSU 3318 - Protein function lipid phosphatase/fitness data from artificially-created PTEN genetic variants ([Brian O'Roak, Ph.D.](#))

OHSU 3306 - iPancreas with Cloud-based Guidance Remote Monitoring and Decision Support ([Peter Jacobs, Ph.D.](#), Joseph Leitschuh, Joseph Pinsonault)

U.S. Patents Issued

Congratulations to the OHSU inventors of these recently issued U.S. patents.

[Patent 11,866,462](#) - Recombinant Adeno-associated Viral Vectors

[Patent D1,012,285](#) - Two-point Discrimination Device For A Lanyard

[Patent 11,883,099](#) - Noninvasive Techniques For Identifying Choroidal Neovascularization In Retinal Scans

[Patent 11,896,525](#) - Laser Thermal Conjunctivoplasty

Researchers in New Industry Funded Research Projects

Congratulations to the Principal Investigators of new non-clinical industry sponsored research.

[John Brigande, Ph.D.](#) - Surgical Pilot Study

[Phil Raess, M.D., Ph.D.](#) - Bone Marrow Aspiration, Development and Clinical Study

[Stephen Kurtz, Ph.D.](#) - A Rapid Test to Identify Responsiveness to Acute Myeloid Leukemia (AML) Therapy

[Carmem Pfeifer, D.D.S., Ph.D.](#) - Evaluation of microtensile bond strengths following tooth restoration.

SPONSORS

Thank you to our current sponsors for their support of OHSU Innovates!



Questions? Contact us at innovates@ohsu.edu

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