Phase 1 Planning

We are now at week 12 of campus shutdown and many of us are itching to resume our research projects. No timeline for reopening has been announced but various workgroups have been formed to plan and implement policies for resuming campus operations. More information regarding the process can be found here. The most recent developments have been summarized below.

A virtual town hall to discuss returning to campus is being held this morning (June 5th) at 10:30am and will be accessible here. Previous town hall meetings will also be accessible through that link.

The latest guidance for returning to campus was published on May 29th and is available here. In addition, a plan for resuming instructional activities were made available last night and is posted on this page.

Members of the Hopkins community are welcome to submit feedback here.

Fellowship & Awards

Congratulations to the two Physiology members whose efforts were recognized in April!

Monish Makena
Rao Lab

Monish, of the Rao lab, received a two-year fellowship from the American Association for Cancer Research for his research on calcium signaling, chemotherapy resistance, and DNA damage response in breast cancer. See the announcement here!

Junhua Yang
Qiu Lab

Junhua was awarded the Paul Ehrlich Research Award for his work on the role of proton-activated channel (PAC), TMEM206 in acidosis-induce cell death and tissue damage. For more information, check out his page on the Hopkins Young Investigators’ Day site!

Moving In
Bench, Sweet Bench

Time marches forward relentlessly even in during a pandemic. As spring moves to summer, the first-year students have decided on their lab homes! Hear what they have to say about the labs that they picked.

Plumick Lab Wants “Moore” of Brittni

“I am excited to get the opportunity to discover, learn, and evolve as a scientist under the mentorship of Jen. I made a great connection with her and her team during my first rotation, so I am eager to get the opportunity to continue the work I started there!”

- Brittni Moore

Sun Lab Says “Ye” to Yingzhi

“I felt at home when I first came into Sun lab. Everyone was so nice and willing to help me whenever I encountered any difficulty. I love Dr. Sun not only for her wisdom and rigorous approach to science but also for her personality and charisma. I am so honored to be a member of Sun lab and can’t wait to start a bright new journey with Dr. Sun!”

- Yingzhi Ye
Submit Something!

Do you have a suggestion for working from home? Want to show off what you’ve done to stay sane in the past month?

Send us photos, comments, and/or stories! We are welcoming all submissions for the next newsletter!

Also, if you took up any suggestions from the previous newsletter, let us know!

Contact Us

Newsletter Team
Sarah Chau
Kelli Johnson

Physiology Committee
Dylan Sarver

Physiology Department
CMP Website

Next Chapter

While our rising second-years are settling in, Myungjun “MJ” Ko, a graduate student in Dr. Rajini Rao’s lab, is heading to California! MJ was recently accepted into the UCLA Geffen School of Medicine and will be starting classes this fall. Congratulations MJ!

“I am very excited to start my medical training to become a physician-scientist to serve my community and work towards a better understanding of debilitating diseases and treatments. I also would like to thank my friends and the faculty members in the Physiology department for their support, the fun times, and endless inspiration from their own endeavors. Hope everyone is safe and healthy!”

-MJ

Our Newest Member

We are pleased to welcome a late addition to the Physiology family, Samwise “Sam” the Brave!

The Rao household adopted an Australian Shepard to help carry them through quarantine (so cute!).

Fun fact, heterochromia is somewhat common for Aussie Shepherds!

“I can’t carry it for you, but I can carry you!”

Publications

In the Apr 2020 Cancer Metastasis Review, MJ Ko et al. examines the body of evidence suggesting channels that regulate endosomal pH affect tumor malignancy. Click on the link to read more on these channels and learn about these promising targets for novel cancer therapies.

May 2020 Science features Svetlana Lutsenko’s insight and perspective on Guthrie et al.’s research on Elesclomol and the treatment of Menkes disease.

Members of Wong lab explore the sexually dimorphic metabolism of CTRP12 knockout mice in this May 2020 AJP: Endocrinology & Metabolism paper. The sex-associated divergence in metabolic phenotypes of knockout mice under regular and high fat diets suggests that the effect of CTRP12 on whole-body metabolism is dependent on an intricate interplay of environmental and genetic factors. Read the paper to learn more!