

## June Edition

June 5<sup>th</sup>, 2020

Volume 1, Issue 7

### COVID-19

[HUB AT HOPKINS](#)

[JHU COVID RESOURCE CENTER](#)

[MARYLAND DEPT OF HEALTH](#)

[CENTERS FOR DISEASE CONTROL](#)

### Announcements

#### RCR SEMINAR

It was great to see so many Physiology members participating on Monday's Responsible Conduct in Research session! Thank you to **Marsha** and **Zhaozhu** for organizing and hosting the sessions!

#### FRIDAY SEMINARS

Gatherings of ten or more remain prohibited. While ten is considered a large turnout for any Physiology activity, we must abide by the rules of social distancing and hold off on scheduling any in-person social events.

We recommend you keep in touch with your colleagues by joining the Friday Zoom seminars which are happening every week until June 12th.

### Game Night

The Physiology Department will be hosting a virtual game night!

The events will be scheduled every other week during the month of June and will feature different games.

The first game night will be on Friday, June 12<sup>th</sup>, at 4pm and we will be playing virtual Pictionary. To participate, sign up [here](#) by 6pm on Thursday, June 11<sup>th</sup>.

### Trivia Questions

Disappointed by the fact that bar trivia is no longer a thing? Well, Sarah has written some questions and if you want to check them out, click [here](#).

Answer them all correctly and get a shout-out in the next month's issue!

### May Puzzle Solution

GtACGacAaCTtcGGTtATaAacACTcCtTAC  
gtTA

Answer: [Have a nice day](#)

# Physiology Newsletter

For those of you looking for good news, we have plenty to fill up the newsletter this month! The department has an upcoming virtual event too! Look on the left-hand column for more info!

Sarah & Kelli

## Phase I 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 5<sup>th</sup>) 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 29<sup>th</sup> 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

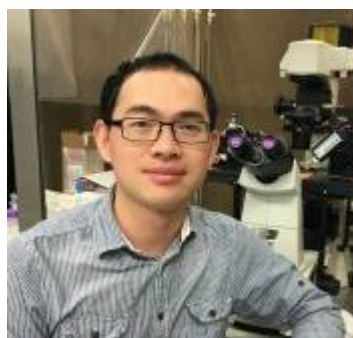
Congratulations to the two Physiology members whose efforts were recognized in April!



**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-induced 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.

[Pluznick 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!