Hi everyone,

Greetings as we move onto spring 2022, and hopefully more of a re-opening to in-person events as the dynamics of the pandemic change for the better (?? - fingers crossed!). Please encourage new students to join CSDB! I am also aiming to incorporate postdoctoral researchers into our program – please encourage postdocs in your lab to contact Cindy and join our e-mail list. I would like to develop events where postdocs take leadership roles AND get to bolster their “teaching” portfolio at the same time.

Our winter mini-retreat was held online February 4th, and featured fantastic, conference-ready talks from students Evelyn Popiel, Swathi Jeedigunta and Mallory Wiggans. A special congratulations to Swathi for winning the best talk award! The day was rounded out by great faculty talks from Yun Li and Brian Kalish, our newest faculty member. I am currently weighing options for our May/June retreat, which I hope will either be entirely in person or have online talks followed by an in-person social event. Our external (student-invited) seminar series restarts April 14th (10AM), with a talk from Margot Williams (Baylor College of Medicine). More details to follow soon!

In the past few months Dr. Yunyun Huang (PhD, Winklbauer lab) has graduated. Congratulations Yunyun, and all the best on your next endeavours!

A warm welcome to new members of CSDB: Catherine Zhang (MSc, Brill lab) and Bianca Rusu (MSc, Kalish lab).

Best,

Ian

PS – a special thanks to Nicole Lindsay-Mosher for putting together this month’s featured images. PLEASE forward images you have generated for our website and newsletters to Cindy. I KNOW that you all generate beautiful images all the time!

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**Visualizing Development**

Imaging techniques have always played a central role in the study of developmental biology, and CSDB students have been producing some amazing images. This month, we’re very excited to feature some pictures from the Li and Ciruna labs!

A brain organoid from Haruka Nishimura, showing DAPI in blue and neural precursors in red.

A brain organoid from Aditi Aggarwal, showing DAPI in blue, neural precursors in red, and immature neurons in green.

A juvenile zebrafish spine from Denise Rebello, showing bone and collagen.

A zebrafish embryo from Vida Erfani, with membrane RFP and GFP- tagged secreted protein.

Bonus: cute and quizzical zebrafish embryos from Vida Erfani and Patrick Pumputis.

A huge thank-you to everyone who submitted an image for this newsletter! If you have a picture you would like to see in a future newsletter, please let your student reps know.

- Nicole Lindsay-Mosher
Selected Member Publications


Charlesworth AG, Nitschko V, Renaud MS, Claycomb JM (2022) PIWI puts spermatogenesis in its place Dev Cell Jan 24;57(2):149-151.


