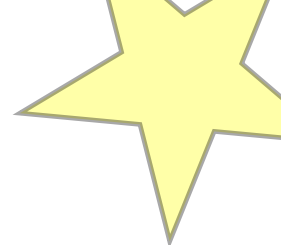




IUBMB Trainee Initiative

- Monthly Minutes -



December 2022 - PABMB

From us and for us

Welcome dear friend :)

Today, we will hear from Hannah Pletcher a member of the Pan-American Association (PABMB). She pursues her PhD in St. Louis (Missouri) being in her second year. Let's jump right into the delightful interview we had!



What we are up to !

"Our last event was "Advancing Access: Open Access Publishing & Preprints in the Biomolecular Sciences". It was perfect timing! We hosted our event within the International Open Access Week and eLife just implemented some changes in their publishing regimen. In this way, our event was even advertised on the International Open Access Week website! Thus, I think to do events which coincide with current topics is a powerful idea."

What advice would you personally want to share with others? "During the first few minutes of our event, the chat didn't work... I was about to freak out since I have never been the host in such a big session. However, the two things to remember: Stay calm, things always seem bigger when they just happened. Also, I had a great team, props to Charysse, Bri and Sunnie, this made me feel amazingly supported and secure!



A glimpse in the future *

Since their last event has just taken place, I asked Hannah what she would like to see within the IUBMB TI to happen in the future:

"I know it was already mentioned but I really think that a peer-editing service for our trainees would be great. However, I could also envision something like a method-club to be pretty helpful. It doesn't necessarily need to be an online webinar but to introduce various methods to our audience could be of big interest to them. We implemented something similar in our own lab. In this way you not only learn something new, but you also might get some new inspiration for how to progress with your own research."

To my mind, this idea could be the spark for new collaboration especially if you don't have the respective machines in your lab. A very neat idea!



Trainee Initiative

Informative – Brief – Uniting - For all of us -



Our knowledge is your knowledge



Did you know that there are exactly 12 phosphatases to be found in the mitochondrion? Hanna did since she works on the PPTC7 Phosphatase. I asked her about why and what she is doing concretely

“The knockout of this phosphatase is perinatally lethal – a very strong phenotype comparatively. Mice with a PPTC7 knock out suffer from hypoketotic hypoglycemia (that is too low glucose as well as amino-acid metabolic products nourishing your cells). However, I will probably rather work with cell lines, like the incarnation of a true biochemist :D

Hannah share with us some interesting literature! “I love to read about life-stories of researchers. Thus, the book “Headstrong: 52 Women Who Changed Science-and the World” is amazing! Otherwise, “lessons from plants” is a great book definitely worth a look.

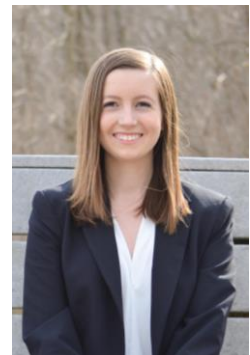
Something personal ?



“I am soo excited to finally meet all the IUBMB TI members during our meeting in December! Honestly, I feel so lucky to be a part of this and I have benefitted and learned so much. I felt so privileged to have opportunities and resources to inspire me when I was a kid. And now, I want to contribute to enable others to experience the same feeling.

With these truly heart-warming words, I tried to get anything funny out of Hannah given our very lively conversation.

“Should I be honest with you? (Luckily, for me that was a rhetoric question). You probably know the phrase “the mitochondrion is the powerhouse of the cell” right? It makes my day every time I can say this phrase in the lab - even better, I can use it in every single presentation I give, aannndddd if I explain relatives my work, I can use it too! Something everyone understands ,)



Hopefully, you leave with a smile! Keep it up during the week ;)

See you next time!



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