

UBC NEUROSCIENCE

UBC NEUROSCIENCE NEWSLETTER

EDITION 3 (JAN 17 - JAN 23)



THIS WEEK:

New year, new opportunities, new events, and new class summaries: a new ne(w)roscience newsletter edition! We spent a lot of time compiling amazing opportunities (for undergraduates like yourself), so please take some time to read through it. Have a great week.

NEWS LETTER TOPICS



WEEKLY RECAP

genes, behaviour and corticosteroids



UNDERGRADUATE LAB HIRING

We have provided links to UBC labs exploring the research methods we discussed in class. Some of these labs are even looking to **hire undergraduate students**.



UPCOMING EVENTS

There are a lot of events coming up soon, so stay tuned!

GENES AND BEHAVIOUR

Last Tuesday, Dr. Soma discussed many different experiments that were primarily related to the work he is doing on corticosteroids.

One particular experiment showed us that the influence of corticosteroids on the behaviour of rat offspring was greater when the corticosteroid was given to the female parent compared to the male parent. If you found this experiment interesting, then you might find the work of Dr. Paul Pavlidis interesting. He is a UBC professor and director of the Pavlidis Lab, which looks at the influence of genetics on behaviour. If you'd like to meet him and hear about his research interests, he will be speaking at the UBC Neuroscience Club Journal Club next week. See 'upcoming events' for the sign-up form. He has indicated that he is interested in hiring undergraduate students for his lab.

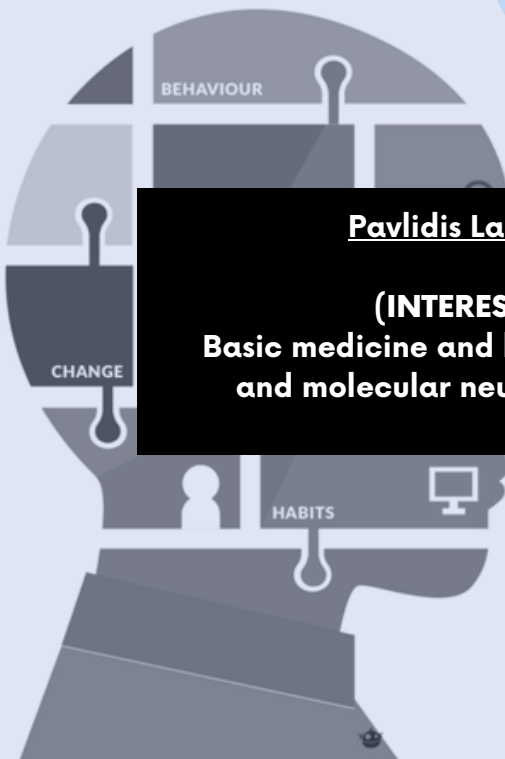


Pavlidis Lab PAVLIDIS LAB, PI: DR. PAUL PAVLIDIS

(INTERESTED IN HIRING UNDERGRADUATES)

Basic medicine and life sciences; genomics; Bioinformatics; cellular and molecular neuroscience; Genetics; disorders of the nervous system

<https://pavlab.msl.ubc.ca/>



CORTICOSTEROIDS

Dr. Soma spent the majority of the lecture content going over his work with corticosteroids. One example of an experiment he went over showed that a model species (I think rats?) produced more corticosteroids under stressful situations than control situations. If you're interested in this work, I'd like to remind you that Dr. Soma hires undergraduate students for his lab. I've linked his lab down below. If you're interested in neurosteroids or corticosteroids, I'd recommend you talk to him after class!

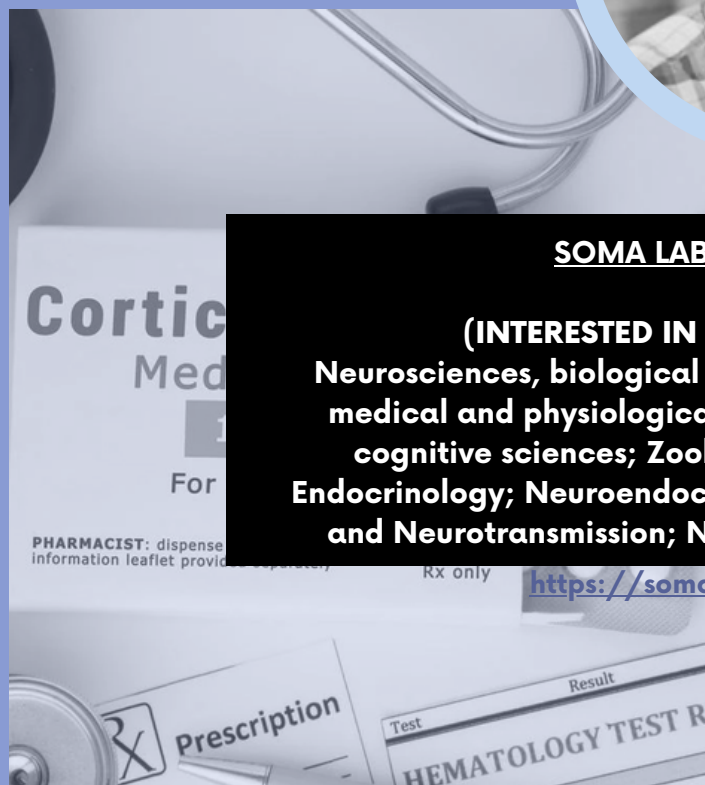


SOMA LAB, PI: DR. KIRAN SOMA

(INTERESTED IN HIRING UNDERGRADUATES)

Neurosciences, biological and chemical aspects; Neurosciences, medical and physiological and health aspects; Psychology and cognitive sciences; Zoology; Behavior; Biological Behavior; Endocrinology; Neuroendocrine Diseases; Neuronal Communication and Neurotransmission; Neuronal Systems; neuroscience; stress

<https://somalab.psych.ubc.ca/about/>



Upcoming Events



**JANUARY 20 -
colloquium hosted by
Dr. Kota Mizumoto with
speaker Dr. Yuki Oka of
CalTech.**

- **Title - Regulation of fluid homeostasis through gut-brain signaling**
- **Time: 11:00 am - 12:00 pm**
- **Content: Dr. Oka will discuss how innate instinct to consume water and salt is regulated through body-brain interactions.**
- **Venue:**
- **Rudy North Lecture Theatre, Djavad Mowafaghian Centre for Brain Health**
- **Zoom**
- **Meeting ID: 91512 289258**
- **Passcode: 289258**

**Jan 24 -
Journal Club with Dr.
Paul Pavlidis**

Description: Join us for a fun and informative in-person journal club hosted by Professor Paul Pavlidis. Dr. Pavlidis is a professor in the department of Psychiatry at the Centre For Brain Health. He will be presenting a research article based on his own research interests - the genetic under-workings for behaviour. At the event, you'll be able to dissect an article with him, ask him questions about his research, and enjoy our awesome snacks!

- **Time: 6pm - 7pm**
- **Location: TBD**
- **RSVP LINK:**

https://docs.google.com/forms/d/e/1FAIpQLSfQOB72-ZCElMJ2iV72fbkuD4lTfKXNP3rU1tO1qs4pCvvTNQ/viewform?usp=sf_link

Upcoming Events



Jan 29: NURC Abstract Submissions

- Time: END OF DAY
- Time: 11:00 am -
12:00 pm

Description: If you would like to have the amazing opportunity of presenting your research at the UBC Neuroscience Undergraduate Research Conference, then please submit your abstract to the link below by January 29! More info can be found through the link.

SUBMISSION FORM:

<https://docs.google.com/forms/d/e/1FAIpQLSefRS3Ltxk6Xke6607Q-9WhbOyYfSomOLuQ-V95t1BpWR5icg/viewform>

NEUROSCIENCE PROGRAM RESOURCES

OFFICE HOURS: STEVEN AND RYAN

You can sign up for appointment times with either Steven or Ryan via the Neuroscience Student Guide canvas calendar. Email them if you'd rather meet in-person. You can sign up for appointment times with either Steven or Ryan via the Neuroscience Student Guide canvas calendar. Additional appointment times are always being added, so if you don't see any open slots, check back again later and more will be available. If you've enabled notifications for the Neuroscience Student Guide, you'll be sent a message when additional Office Hours have been added.

WELLNESS RESOURCES:

UBC Psychology has an excellent list of diverse wellness resources. We've linked them below.

[WELLNESS
RESOURCES](#)

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QUESTIONS/CONCERNS/INQUIRIES:

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