



Goal

To increase Nagoya University's global visibility, to strengthen existing ties, and to promote new collaborations with research institutes across the world.



The 2nd Nagoya University: International Science Exchange Lecture:

Dr. Conor McMeniman

Assistant Professor at Johns Hopkins Bloomberg School of Public Health

Decoding Mosquito Sensory Biology

Mosquitoes are amongst the most dangerous animals on earth. To decode mosquito sensory biology, we have recently engineered optimized genetic toolkits for neuroanatomical studies and functional imaging in the nervous systems of the yellow fever mosquito *Aedes aegypti* and African malaria mosquito *Anopheles gambiae*. Progress in our laboratory mapping neural circuitry driving mosquito attraction to humans and avenues towards exploration of multisensory integration in the mosquito brain will be discussed.



JOHNS HOPKINS
BLOOMBERG SCHOOL
of PUBLIC HEALTH

Date: May 12th 2022, 10 am JST

Research fields: Chemical ecology, genome engineering, neurobiology.

Research mission: To develop innovative strategies that lure or repel mosquitoes away from humans to eliminate transmission of vector-borne diseases.

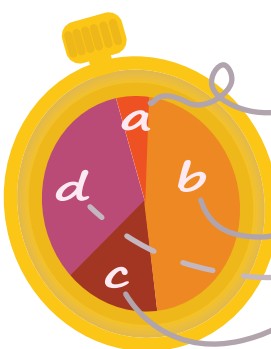


Audience

Designated research groups':

- ★ Students (M + PhD)
- ★ PDs + research fellows
- ★ Asst./Assc./Full professors
- ★ B students and external faculty welcome

Lecture time: 1 hour (on Teams)



- Introduction of speaker by NU host (1-5 min)
- Lecture on research interests & results
- Presentation of unsolved problems that require input or collaboration
- Discussion & questions on b. + c.

Registration:



About NU:ISE

Early career scientists from international institutes are invited to give a lecture on their research. The talk will include both published results and current open questions, with the aim of promoting discussion and potentially starting new collaborations.

Talks will be held in group(s) with matching research interests.

In the name of 'Science Exchange', the hosting group is encouraged to nominate a candidate from their network (from NU) to give a talk at the invitee's institute, either within the same or a different research group.

For more information, contact Katinka Wondergem: cswondergem@chem.nagoya.ac.jp