



The most important points from the discussion groups were presented at the end of the workshop.
Photo: Susanne Sjøgaard

PROMEMO Workshop

One of the highlights in 2020 was the first PROMEMO Workshop, which took place on 21 January. After an update on the progress of PROMEMO research projects, the program comprised discussion groups on various interesting topics covering neuronal calcium signaling in synapses, career development and development of the research environment in PROMEMO. The outcome of the workshop was high. Dedicated participants took passionately part of the discussions and a lot of input and new research ideas were exchanged. The young researchers and students came up with many new suggestions for improvements of the level and nature of interactions and collaborations, and on how to increase synergy between the PROMEMO research groups. Several of these initiatives were being implemented when the lockdown struck in March. Examples of such initiatives are listed below.

- **Synergy Events** – events with scientific as well as social content. Organized by the PROMEMO research groups in turns.
- **Monthly Breakfast Forum** – informal discussions on results, challenges, etc.
- **Poster Exhibition** – presentation of results and testing of new ideas in an informal vernissage-like setting.



The area behind Dept. of Molecular Biology and Genetics set the scene for the PROMEMO Synergy Event on 26 June 2020. Photo: Susanne Sjøgaard

PROMEMO Summer Synergy Event

The idea behind the PROMEMO Synergy Events is to boost interactions, collaborations and encourage discussions and sharing of knowledge between the PROMEMO research groups. The format is free and the PROMEMO research groups are hosting the events in turn. As a much needed breath of fresh air after the lockdown in spring, the following quite restrictive reopening, and our new primarily virtual work-life, we organized an outdoor event on 26 June with discussion groups and time to socialize. Seven young PROMEMO researchers each headed a discussion group and topics ranged from NMDA receptor tails and “Synaptic Tagging and Capture”-hypothesis over how neurons communicate with astrocytes to the newest technology within bioimaging.

Virtual DANDRITE/PROMEMO Lectures

PROMEMO has teamed up with the DANDRITE Virtual Lectures series and invited a number of international experts to give virtual lectures relating to memory on a regular basis.

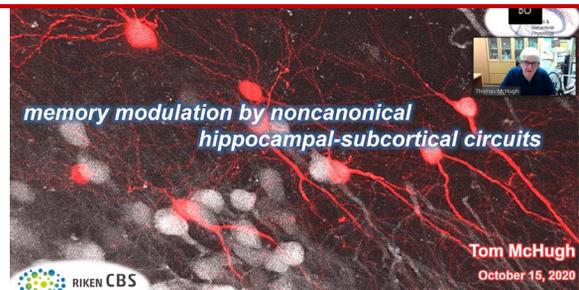
10 September: Dr. Takuya Sasaki, University of Tokyo, Japan. “*Spatial learning and memory replays in the hippocampus*”.

15 October: Team Leader Thomas McHugh, RIKEN Center for Brain Science. “*Memory modulation by noncanonical hippocampal-subcortical circuits*”.

12 November: Kaori Takehara-Nishiuchi Associate Professor at the Department of Psychology, University of Toronto, Canada. “*Detecting and integrating relevant event relationships*”.

19 November: Dr. Sylvia Wirth Principal Investigator at the Center for Cognitive Science in Lyon, France. “*From visual space to schemas in the primate hippocampus*”.

Screenshots of virtual lectures. Photo: Kathrine Hennings



Detecting and Integrating
Relevant Event Relationships

KAORI TAKEHARA-NISHIUCHI
ASSOCIATE PROFESSOR
DEPARTMENT OF PSYCHOLOGY
UNIVERSITY OF TORONTO