

This talk will be in English.

The 68th Frontier Brain Science Seminar

Sponsored by Research Center for Idling Brain Science (RCIBS)

Neural mechanisms underlying the representation of others

演者: 奥山 輝大 先生

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日時: 2025. 9 月 26 日 Fri. 15:00~16:15

場所: 富山大学 附属病院2階 臨床講義室1

Prof. Okuyama has been investigating how social memories are represented through neural activity in the hippocampus. In particular, his work has elucidated the coding mechanisms underlying individual recognition and sex-specific aspects of social memory, as well as demonstrated how optogenetic reactivation of these memories can influence behavior. In this seminar, he will present his latest findings and discuss their broader implications.

References

Watarai & Tao et al., *Science*, 389:eadp3814 (2025)

Chung et al., *Nature Communications*, 15:4531 (2024)

Huang & Chung et al., *Nature Communications*, 14:3458 (2023)

Tao et al., *Molecular Psychiatry*, 27:2095 (2022)

Okuyama et al., *Science*, 353:1536 (2016)

※ 本セミナーは、大学院博士課程授業「認知・情動脳科学特論」の一環です。履修者は、レポートの提出が必要です。
また、本セミナーと 16:30 から開催の The 69th の両セミナーを受講することにより、大学院特別セミナー単位認定の対象となります。

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Organizer: Keizo Takao (RCIBS/Dept. of Behavioral Physiology) (Ext, 7171)