

# JournalClub 2024 im Motorik-Labor

- 29.04.24 **Julie Urrutia** presents an update of her project on resting state data in a fear conditioning paradigm.
- 13.05.24 **Patrick Pais Pereira** presents: Clewett, D., Gasser, C. & Davachi, L. Pupil-linked arousal signals track the temporal organization of events in memory. *Nat Commun* 11, 4007 (2020).
- 03.06.24 **Andreas Thieme** presents data of his ongoing studies.
- 08.07.24 **Qi Liu** presents Selvadurai, L. P., Schmahmann, J. D. The Cerebellar Cognitive Affective/ Schmahmann Syndrome Scale in Spinocerebellar Ataxias. *The Cerebellum*. 2024 Jan: 1473-4222.
- 22.07.24 **Dana Huvermann** presents Washburn S, Khodakhah K. The cerebellum directly modulates the substantia nigra dopaminergic activity. *Nat Neurosci*. 2024 Mar;27(3):497-513.
- 05.08.24 **Nikolai Petrenko** presents data of his study.
- 19.08.24 **Laurenz Engel** presents Leuchs, L., Schneider, M., and Spormaker, V. I. (2019). Measuring the conditioned response: A comparison of pupillometry, skin conductance, and startle electromyography. *Psychophysiology* 56, 1–16. doi: 10.1111/psyp.13283
- 16.09.24 **Friedrich Erdlenbruch** present Busch, S.E. and Hansel, C. (2023). Climbing fiber multi-innervation of mouse Purkinje dendrites with arborization common to human. *Science* 381: 420-427.
- 30.09.24 **Milan Rieger** presents: Zimmet AM, Cowan NJ, Bastian AJ. Patients with Cerebellar Ataxia Do Not Benefit from Limb Weights. *Cerebellum*. 2019 Feb;18(1):128-136.
- 14.10.24 **Frederik Schlitt** presents Zhang XY et al. A role for the cerebellum in motor-triggered alleviation of anxiety. *Neuron*. 2024 Apr 3;112(7):1165-1181.e8. Commentary in: Spaeth L, Khodakhah K. The cerebellum tells the amygdala, „Nothing diminishes anxiety faster than action“. *Neuron*. 2024 Apr 3;112(7):1037-1039.
- 28.10.24 **Giorgi Batsikadze** presents data of his ongoing studies.
- 11.11.24 **Sillay Azizi** presents Comparing the electric fields of transcranial electric and magnetic perturbation *J Neural Eng*. 2021 May 26;18(4):10.1088/1741-2552/abebee. doi: 10.1088/1741-2552/abebee. PMID: 33662947; PMCID: PMC8650555.
- 25.11.24 **Alice Doubliez** presents Salinas-Hernández, X. I., Zafiri, D., Sigurdsson, T., and Duvarci, S. (2023). Functional architecture of dopamine neurons driving fear extinction learning. *Neuron* 111, 3854-3870.e5. doi: 10.1016/j.neuron.2023.08.025
- 09.12.24 **Frederik Schlitt** gives an introduction to Biorender.

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