

Florian Donneger

Postdoctoral Scholar, Neurosurgery

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Sorbonne Universite (2022)
- Bachelor of Science, Universite De Paris Vi (2016)
- Master of Science, Sorbonne Universite (2018)
- PhD, Sorbonne University, Paris, France , Neuroscience (2022)
- MS, Sorbonne University, Paris, France , Integrative biology and physiology (neuroscience specialty) (2018)
- BS, Sorbonne University, Paris, France , Biology (2016)

STANFORD ADVISORS

- Ivan Soltesz, Postdoctoral Faculty Sponsor

PATENTS

- Poncer JC, Donneger F, Zanin A.. "France Patent WO2022219021 Methods and Pharmaceutical Compositions for Treating Refractory Epilepsy.", Oct 20, 2022

Publications

PUBLICATIONS

- **Integrating endocannabinoid signaling, CCK interneurons, and hippocampal circuit dynamics in behaving animals.** *Neuron*
Malhotra, S., Donneger, F., Farrell, J. S., Dudok, B., Losonczy, A., Soltesz, I.
2025
- **Targeting pathological cells with senolytic drugs reduces seizures in neurodevelopmental mTOR-related epilepsy** *NATURE NEUROSCIENCE*
Ribierre, T., Bacq, A., Donneger, F., Doladilhe, M., Maletic, M., Roussel, D., Le Roux, I., Chassoux, F., Devaux, B., Adle-Biassette, H., Ferrand-Sorbets, S., Dorfmueller, G., Chipaux, et al
2024
- **Hippocampal and neocortical *BRAF* mutant non-expansive lesions in focal epilepsies** *NEUROPATHOLOGY AND APPLIED NEUROBIOLOGY*
Lerond, J., Mathon, B., Scopin, M., Nichelli, L., Guegan, J., Bertholle, C., Izac, B., Andrieu, M., Gareau, T., Donneger, F., Mohand Oumoussa, B., Letourneur, F., Tran, et al
2023; 49 (5)
- **Epilepsy related to focal neuronal lipofuscinosis: extra-frontal localization, EEG signatures and GABA involvement** *JOURNAL OF NEUROLOGY*
Frazzini, V., Mathon, B., Donneger, F., Cousyn, L., Hanin, A., Nguyen-Michel, V., Adam, C., Lambrecq, V., Dupont, S., Poncer, J., Bielle, F., Navarro, V.
2022; 269 (8): 4102-4109
- **Gephyrin Interacts with the K-Cl Cotransporter KCC2 to Regulate Its Surface Expression and Function in Cortical Neurons** *JOURNAL OF NEUROSCIENCE*
Al Awabdh, S., Donneger, F., Goutierre, M., Seveno, M., Vigy, O., Weinzettl, P., Russeau, M., Moutkine, I., Levi, S., Marin, P., Poncer, J.

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- **Cation-chloride cotransporters and the polarity of GABA signalling in mouse hippocampal parvalbumin interneurons** *JOURNAL OF PHYSIOLOGY-LONDON*

Otsu, Y., Donneger, F., Schwartz, E. J., Poncer, J.

2020; 598 (10): 1865-1880

- **KCC2 Regulates Neuronal Excitability and Hippocampal Activity via Interaction with Task-3 Channels** *CELL REPORTS*

Goutierre, M., Al Awabdh, S., Donneger, F., Francois, E., Gomez-Dominguez, D., Irinopoulou, T., Menendez de la Prida, L., Poncer, J.

2019; 28 (1): 91-+