

Stanford



Yann Le Guen

Postdoctoral Research Fellow, Neurology and Neurological Sciences

Bio

PROFESSIONAL EDUCATION

- Master of Science, Imperial College London , Bioengineering with neurotechnology (2015)
- Diplome d'ingénieur, Télécom Paristech , Computer Science, Electronic (2015)
- Doctor of Philosophy, Neurospin, CEA, Université Paris-Saclay , MR imaging, Neuroscience, Imaging-genetic (2018)

STANFORD ADVISORS

- Michael Greicius, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Enhancer Locus in *ch14q23.1* Modulates Brain Asymmetric Temporal Regions Involved in Language Processing.** *Cerebral cortex (New York, N.Y. : 1991)*
Le Guen, Y., Leroy, F., Philippe, C., Mangin, J. F., Dehaene-Lambertz, G., Frouin, V.
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- **Association of *Klotho*-VS Heterozygosity With Risk of Alzheimer Disease in Individuals Who Carry *APOE4*.** *JAMA neurology*
Belloy, M. E., Napolioni, V., Han, S. S., Le Guen, Y., Greicius, M. D.
2020
- **"Plis de passage" Deserve a Role in Models of the Cortical Folding Process** *BRAIN TOPOGRAPHY*
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2019
- **eQTL of *KCNK2* regionally influences the brain sulcal widening: evidence from 15,597 UK Biobank participants with neuroimaging data.** *Brain structure & function*
Le Guen, Y., Philippe, C., Riviere, D., Lemaitre, H., Grigis, A., Fischer, C., Dehaene-Lambertz, G., Mangin, J., Frouin, V.
2018
- **Shared genetic aetiology between cognitive performance and brain activations in language and math tasks** *SCIENTIFIC REPORTS*
Le Guen, Y., Amalric, M., Pinel, P., Pallier, C., Frouin, V.
2018; 8: 17624
- **The chaotic morphology of the left superior temporal sulcus is genetically constrained** *NEUROIMAGE*
Le Guen, Y., Leroy, F., Auzias, G., Riviere, D., Grigis, A., Mangin, J., Coulon, O., Dehaene-Lambertz, G., Frouin, V.
2018; 174: 297–307
- **Genetic Influence on the Sulcal Pits: On the Origin of the First Cortical Folds** *CEREBRAL CORTEX*
Le Guen, Y., Auzias, G., Leroy, F., Noulhiane, M., Dehaene-Lambertz, G., Duchesnay, E., Mangin, J., Coulon, O., Frouin, V.
2018; 28 (6): 1922–33

- **PyPNS: Multiscale Simulation of a Peripheral Nerve in Python.** *Neuroinformatics*
Lubba, C. H., Le Guen, Y., Jarvis, S., Jones, N. S., Cork, S. C., Eftekhari, A., Schultz, S. R.
2018