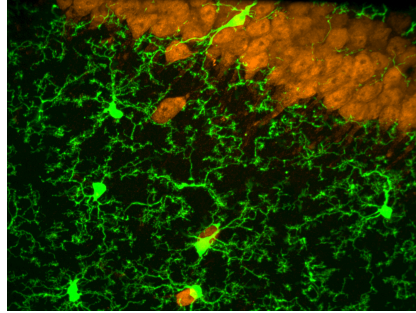


Postdoctoral Positions in Microglia-Synapse interactions at Ecole Normale Supérieure, Paris France



We are seeking postdoctoral scientists for an ERC-Synergy funded project studying “Microglia control of physiological brain states” at the Ecole Normale Supérieure, Paris France. Microglial cells dynamically survey the brain parenchyma. In the healthy brain, microglia have active housekeeping functions and are now acknowledged as genuine regulators of neuronal functions. The project will study the bidirectional microglia-neuron interaction with a focus on synapses together with neuronal and network activity. The post-doc will use and develop the most up-to-date imaging approaches (two-photon, light-sheet, super-resolution and single molecule tracking etc) combined with high-standard cell-biology and in-vivo approaches to monitor the dynamic and reciprocal functional interactions between neurons and microglia.

The Triller lab, within the Ecole Normale Supérieure provides a stimulating and scientifically rigorous environment for scientific growth and fostering the independent careers of postdoctoral trainees.

The work will be done in tight collaboration with Nils Brose (Max Planck Institute, Göttingen) Thomas Oertner (University Medical Center, Hamburg) and Anne Schaefer (Icahn School of Medicine at Mount Sinai, New York).

Requirements:

- PhD or MD/PhD with a background in cell biology, immunology, neuroscience or biophysics.
- Significant technical expertise in imaging and basic biophysics.
- Programming skills are welcome.
- Excellent organizational skills, self-motivation, and creativity.
- Excellent verbal and written communication skills in English

Please send a cover letter explaining your relevant work experience and interests, a CV, and the contact information of three references to Dr Triller antoine.triller@ens.psl.eu and Dr Bessis alain.bessis@ens.fr

