Seeking data scientist interested in brain function

The department of basic neuroscience at the University of Geneva (Lüscher lab) is seeking to hire a data scientist to investigate how the brain integrates reward signalling to generate behaviour. The candidate would analyse a variety of experimental data rooted in visualization of neurons and synapses, calcium imaging and multi-electrode recordings to understand neuronal dynamics underlying motivated behaviour.

We are looking for a highly motivated individual with a strong background in more than one of the following fields: neuroscience, computer science, electrical engineering, physics, or mathematics.

The candidate will develop algorithms for modelling neural computation and for analysing large, experimentally obtained datasets of brain structure and function. The candidate will work with a team of experimental neuroscientists in the Lüscher lab, as well other members of the department of Basic neurosciences (in particular the Alex Pouget lab). This position will be based in the medical centre of the University of Geneva (CMU), with opportunities to collaborate with neighboring institutions, such as Campus Biotech, University of Lausanne, EPFL etc. Generous compensation, dependent on experience of candidate and rank hired, we are seeking a permanent scientist position, although those interested in doing a post-doctoral fellowship are also encouraged to apply.

Please send your application (CV, letter of motivation, names of references) to catherine.Pham@unige.ch before October 15, 2016.