



After a PhD in neuroscience (1997) during which I studied the neural networks involved in muscle atonia during REM sleep, I joined Princeton University (USA) for a post-doctorate. There I studied the contribution of NMDA receptors in the hippocampus to memory processes and the underlying brain plasticity. In 2000, I was appointed associate professor at the University of Paris XI and started to characterize the role of adult hippocampal neurogenesis in memory processes. In 2005, I joined the CNRS and integrated the CRCA in Toulouse. I am currently the director of the Research Centre for Animal Cognition (CRCA) at CNRS - University of Toulouse, in France.

My current research aims at characterizing the brain plasticity underlying learning and memory functions in healthy and pathological conditions associated with memory dysfunction such as Alzheimer's disease. Specifically, I am interested in the role played by adult-generated hippocampal neurons in memory formation and how endogenous neural stem cells in the adult brain can be manipulated to become new neurons that drive cognitive rehabilitation.

In the past, I had a lot of pleasure to serve as Secretary General of the French Society of Neuroscience (2015-17). In the future, I would be happy to become an active member of the EBBS committee and contribute to promote scientific exchange, diversity and equity as well as collaborative work within the European neuroscience community.