Dr Zoé Husson

I did my PhD in Dr Stéphane Dieudonné’s lab at IBENS (Paris, France) between 2011 and 2014, where I characterized a population of inhibitory neurons in the cerebellar nuclei by combining the use of transgenic mouse lines, immunochemistry, stereotaxic brain injections of anatomical tracers and viruses, electrophysiology and optogenetics. I then moved on to my first postdoc in Dr Ewan Smith’s team in 2015 (University of Cambridge, United Kingdom) when I first worked on ion channels underlying arthritic pain, before being awarded a long-term EMBO fellowship. During the last two year, I worked on the hypoxia resistance and acid-sensing of naked mole-rat brain neurons, mainly using primary cell cultures and electrophysiology.

I just joined Dr Daniela Cota’s team, in collaboration with Xavier Fioramonti (NutriNeuro Lab), to work on the role of POMC neurons in the mesolimbic circuit in murine models of diet-induced obesity.