



EU-LIFE Woman Postdoc Mentoring Programme

Short bios of mentors



Ilana Gabanyi

Group Leader

Gulbenkian Institute

Lisbon, Portugal

I did my bachelor and masters studies in the Universidade de Sao Paulo in Brazil. After my 1st year as a Phd student in the same University I got an international fellowship to continue my studies at the Rockefeller University in New York under the supervision of Dr Daniel Mucida, studying neuro-immune interaction in the gut. There we have uncovered an interaction between gut macrophages and the sympathetic nervous system in response to the presence of a potentially pathogenic bacteria in the gut.

For my post-doc I moved to Paris to work at the Pasteur Institute, being advised by an expert in neuroscience (PM Lledo) and an expert in immunology (G Eberl), I conducted studies in the gut-brain axis field. My post-doctoral work revealed that parts of the bacteria cell wall are able to alter brain neuronal function with implications for appetite and body temperature control. In 2023 I joined the Gulbenkian Institute as head of the Neurobiota lab to study how neurons are able to sense gut bacterial derived compounds.