

Cristina Barca

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Swiss , Spanish

Summary PhD Student/Early Stage researcher at the European Institute of Molecular Imaging (EIMI, Münster, Germany) with a Master of Sciences in both Molecular and Biological Chemistry (EPFL, Lausanne, Switzerland) and Neurosciences (UNIGE, Geneva, Switzerland). Strong interest in neurosciences, imaging and biomedicine.

Education **PhD Student/Early Stage Researcher**, European Institute of molecular imaging (WWU Münster, Germany) 06.2017 - 05.2020

WP5 “Multimodal and multitracer imaging of inflammation in stroke”, in H2020 Marie Skłodowska-Curie Actions Innovative Training Network programme

Supervisor: Prof. Dr. Andreas H. Jacobs

Master in Neuroscience, University of Geneva (UNIGE), Science Faculty 02.2015 - 06.2017

Master project at Clinical Neurophysiology and Neuroimaging Unit, University Hospitals of Geneva (HUG), Switzerland :

“*In vivo*, *ex vivo* and *in vitro* observations of Alzheimer’s disease hallmarks, neuronal loss and neuroinflammation in promising TgF344-AD rat model.”

Supervisor: Prof. Millet (HUG, Geneva)

6-months training at Memory Clinic in Geneva (HUG, Geneva)

Master in Molecular and Biological Chemistry, Ecole Polytechnique Fédérale de Lausanne (EPFL), Basic Science faculty 09.2012 - 03.2014

Master project in the Powder Technology Laboratory (LTP), EPFL, Switzerland:

“Evaluation of bone substitute bioactivity on modified titanium surfaces through different characterization methods: surface treatments and cations exchange effects on hydroxyapatite precipitation”

Supervisors: Prof. Jacques Lemaître, Prof. Paul Bowen (EPFL, Lausanne, Switzerland), in collaboration with RMS Foundation

Language skills

French	Native
Spanish	Native, Certificate of <i>Lengua y Cultura española</i>
English	Intermediate written and oral level (B2/C1)
Italian	Good comprehension

Informatics, analytical tools

General tools	Hardware, Internet, MS-Office (Word, Excel)
Statistical tools	R and RStudio
Imaging tool	Pmod
	Matlab basics

Hobbies

Scuba diving, dance, cooking