



POSTDOCTORAL CANDIDATE INTERESTED IN APPLYING FOR [MSCA-IF IN NEUROSCIENCES](#) (*Neuropharmacology in Aging and neurodegeneration*)

Are you a postdoctoral researcher thinking about your next career move? The Marie Skłodowska-Curie (MSCA) Individual Fellowships are a great option if you are an experienced researcher looking to give your career a boost by working abroad.

Universitat de Barcelona- a leading European University- allows you to work in a first class research environment while benefitting from an attractive salary to cover living, travel and family costs.)

Group and project information

Neuropharmacology in Aging and Neurodegeneration (PI: Mercè Pallàs)

The main objective of the research group is framed in the discovery of new drugs, which act in new targets, to face one of the challenges of current biomedicine, which is the cognitive deterioration, linked to aging and neurodegenerative processes, such as Alzheimer's disease.

The group research project focus on the study of new chemical entities The research project to be developed must identify and validate the pharmacological target, improve the hit, which the group already has, to lead through selectivity and safety studies and carry out additional in vivo studies to demonstrate unequivocally that the beneficial effects observed are due to its action on the target (Target validation). The final objective is to demonstrate the reliability of the new ligands to transfer it to the productive sector, thus improving the possibilities of a real impact on society.

[Further information.](#)

Requirement/Skills/Qualifitacion

The generic research profile is neuroscience. Specifically, the profile responds to the need to incorporate a post doc researcher with extensive experience in research on the pathological mechanisms underlying memory loss and brain dysfunction during aging and neurodegenerative diseases such as Alzheimer's disease (AD).

The researcher should have extensive experience in animal and cell models and in study techniques that include behavioural tests, histology, molecular / cell biology with the ultimate goal of developing new drugs, validating therapeutic targets and transferring new diagnostic and therapeutic strategies to the pharmaceutical industry.

Support for applicants

International Research Projects Office offers support to applicants (eligibility check, info sessions, feedback on the draft proposal) and has recently launched a Mentoring programme specifically designed for MSCA applicants (subject to availability).

Please submit your application directly to Prof. Mercè Pallàs (pallas@ub.edu)

