



ΕΡΕΥΝΗΤΙΚΟ ΠΑΝΕΠΙΣΤΗΜΙΑΚΟ
ΙΝΣΤΙΤΟΥΤΟ ΨΥΧΙΚΗΣ ΥΓΙΕΙΝΗΣ
Σοφιστού του Εγχεσίου 2, 115 27 Αθήνα τηλ.: 210 6170822 φαξ: 210 6519796 www.epipsi.gr

Open Position: Research Assistant or PhD student positions in the laboratory of Developmental Neurobiology, PI: Ass. Prof. Christina Kyrousi

Posted by Ass. Prof. Christina Kyrousi (Medical School, NKUA and University Mental Health Research Institute, Athens, Greece).

Location: University Mental Health Research Institute, Athens, Greece

The CK lab at the UMHRI (Athens, Greece) is welcoming applications for Research assistants or PhD students funded by the HFRI and EMBO research grant programs, with a fixed-term contract.

Research subject: Delineate molecular and cellular mechanisms involved in brain-related disorders. Focus on neurodevelopmental (cortical malformations, autism, mental disorders) or neurodegenerative diseases (Parkinson's Disease). Model systems *in vitro* human-specific 2D cultures and 3D brain organoid models. Approaches: CRISPR/cas9, imaging, proteomic, RNA-sequencing

Research/Team Background: The team possesses a long-range experience in the field of Developmental Neurobiology. The lab is renowned for its expertise in studying neurodevelopment *in vivo* using the mouse model and the human-specific *in vitro* system the human 2D neuronal cultures and 3D brain organoids. We are collaborating with many national and international groups in the field of Developmental and Neurodegenerative Neuroscience. The overarching goal of this project is to elucidate the role of genes found mutated in patients with Neurodevelopmental, Neurodegenerative and/or Neurological disorders under the prism of development, evolution and disease.

Your Profile: We are seeking for highly motivated candidates to be part of an HFRI-funded project or an EMBO-funded project with a secure salary (fixed-term private law employment contract or project lease contract). Experience in one or more of the following techniques will be highly appreciated: mouse *in utero* electroporation, immunofluorescence, confocal microscopy, iPSCs culture, neuronal cultures and brain organoids. The candidate should hold at least an MSc in Neuroscience, Physiology, Molecular Biology, or similar fields. The candidate should be able to work both independently and as part of a team.

For more information, please visit our lab website <http://scholar.uoa.gr/ckyrousi>.

For applying, please send your CV, a letter of motivation and contacts for references to: Christina Kyrousi ckyrousi@med.uoa.gr; ckyrousi@gmail.com.