

Postdoctoral position in neurosciences - cell signaling

Description

Applications are open for a postdoctoral position at “Victor Babes” National Institute of Pathology, Bucharest (Romania) in the frame of the project “Knowledge transfer in redox biology for developing advanced molecular tools in neurodegenerative diseases - focus on the signature of Nrf2 transcription factor in diagnosis and therapy” acronym REDBRAIN, project ID P_37_732, co-financed by the COMPETITIVENESS OPERATIONAL PROGRAMME 2014-2020, PRIORITY AXIS 1 - RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION (RD&I) TO SUPPORT ECONOMIC COMPETITIVENESS AND BUSINESS DEVELOPMENT, Action 1.1.4 Attracting high-level personnel from abroad in order to enhance the RD capacity.

The project is implemented in “Victor Babes” National Institute of Pathology, Bucharest, Romania under the coordination of Prof. Antonio Cuadrado (Autonomous University of Madrid, Spain), between 01.09.2016 and 31.08.2020, and has a budget of 1.915.000 Euro.

The successful applicant will investigate the relevance of transcription factors NRF2 and NF- κ B as biomarkers of disease progression in preclinical models of Alzheimer’s disease (AD), and as prognostic and monitoring biomarkers in white blood cells of AD and MCI patients against controls. Additionally, the successful applicant will perform functional cellular studies on blood leukocytes by multi-color flow cytometry.

Job requirements

1. PhD degree in biology, biochemistry, pharmacy or related sciences, obtained within the past eight years;
2. Technical expertise in cellular biology and signal transduction;
3. Good knowledge of English.

Additional merits	Points
1. PhD degree obtained at :	
a. One of the top 100 universities*	30
b. Universities ranked between 101-500*	20
2. Previous post-doc position(s) abroad	20
3. Research and experimental background in:	
a. Alzheimer’s disease	20
b. Neuroscience in other pathologies	10
c. Immunology	15
d. Technical expertise in signal transduction (Western blotting, 2D electrophoresis, protein multiplexing)	10
e. Technical expertise in flow cytometry	5
4. Previous publications:	
a. Publications in ISI-ranked journals (sum of journal IF in the year of publication)	$\sum IF_i$

* According to QS University Ranking (<http://www.topuniversities.com/university-rankings>)

Job details

Institution: "Victor Babes" National Institute of Pathology, 99-101 Splaiul Independentei, 050096, Bucharest, Romania

Department: Radiobiology Laboratory

Type of job: post-doctoral position (temporary position)

Estimated starting date: **03.07.2017**

Duration of the job: 38 months (but not later than 31.08.2020)

Periodic evaluation: each 12 months regarding the number and quality of publications generated in the project, as well as design and accuracy of experiments, ability to process and report results, up-dating of knowledge in the research area of the project, initiative and integration in the REDBRAIN team.

Monthly net salary: 6780 lei.

Job contest

1. Documents:
 - CV
 - three reference letters (at least from PhD supervisor, previous post-doc coordinator or equivalent)

Documents should be sent by email no later than 05.05.2017, 8 PM, to:

Dr. Antonio Cuadrado: antonio.cuadrado@uam.es

Dr. Gina Manda: redbrain@ivb.ro

2. Interview (by Skype):
 - **Between 15-22.05.2017**
3. Communication of contest result: **24.05.2017**
4. Appeal to contest results: **until 29.05.2017**
5. Final communication of contest results: **31.05.2017**

Contact information

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