

# Postdoctoral position in neurosciences

## Description

Application is 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 between 01.09.2016 and 31.08.2021 under the coordination of Prof. Antonio Cuadrado (Autonomous University of Madrid, Spain).

The successful applicant will investigate the relevance of the transcription factors NRF2 and NF- $\kappa$ 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 patients and controls.

## Job requirements

1. PhD degree in medicine, biology, biochemistry or related sciences;
2. Technical expertise in cellular and molecular biology;
3. Good knowledge of English.

| <b>Additional merits:</b>   | <b>Points</b>                        |
|---|--------------------------------------|
| 1. Previous post-doc position(s) abroad   | 35                                   |
| 2. Research and experimental background in:   |                                      |
| a. Neurodegenerative diseases   | 20                                   |
| b. Neuroscience in other pathologies  | 15                                   |
| c. Cellular biology   | 15                                   |
| d. Molecular biology  | 15                                   |
| 3. Previous publications:   |                                      |
| a. Publications in ISI-ranked journals<br>(sum of journal impact factor-IF in the year of publication/years after getting the PhD degree) | $(\sum IF_i)/\text{years after PhD}$ |

## 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: **01.12.2020**

Duration of the job: **approx.9 months** (but not later than 31.08.2021)

Periodic evaluation: each 3 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.

## Job contest

1. Documents:

- CV
- three reference letters (at least 1 letter from the PhD supervisor, previous post-doc coordinator, etc)

***Documents should be sent by email no later than 06.11.2020, 11:00 PM, to:***

Dr. Antonio Cuadrado: [antonio.cuadrado@uam.es](mailto:antonio.cuadrado@uam.es)

Dr. Gina Manda: [gina.manda@ivb.ro](mailto:gina.manda@ivb.ro)

2. Interview (by Skype): **10.11.2020 - 12.11.2020**

3. Communication of contest result: **17.11.2020**

## Contact Information

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