Postdoctoral position in neurosciences - position 1

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 under the coordination of Prof. Antonio Cuadrado (Autonomous University of Madrid), between 01.09.2016 and 31.08.2020, and has a budget of 1.915.000 Euro.

The successful applicant will investigate by a molecular biology approach the relevance of transcription factors NRF2 and NF-KB 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 biology, biochemistry, pharmacy or related sciences, obtained within the past eight years;
2. Technical expertise in molecular biology, including qRT-PCR, gel electrophoresis, transfection, etc.
3. Good knowledge of English.

**Additional merits that are an advantage:**

<table>
<thead>
<tr>
<th>Points</th>
<th>1. PhD degree obtained at:</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>a. One of the top 100 universities</td>
</tr>
<tr>
<td>20</td>
<td>b. Universities ranked between 101-500</td>
</tr>
<tr>
<td>20</td>
<td>2. Previous post-doc position(s) abroad</td>
</tr>
<tr>
<td>25</td>
<td>3. Research and experimental background in:</td>
</tr>
<tr>
<td></td>
<td>a. Alzheimer’s disease</td>
</tr>
<tr>
<td>15</td>
<td>b. Neuroscience in other pathologies</td>
</tr>
<tr>
<td>10</td>
<td>c. Immunology</td>
</tr>
<tr>
<td>15</td>
<td>d. Technical expertise in gene multiplexing (PCR array, gene microarray)</td>
</tr>
<tr>
<td>Σ IF i</td>
<td>4. Previous publications:</td>
</tr>
<tr>
<td></td>
<td>a. Publications in ISI-ranked journals (sum of journal IF in the year of publication)</td>
</tr>
</tbody>
</table>

* 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: 03.04.2017
Duration of the job: 40 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.
Gross monthly salary: 6000 Lei.

Job contest

1. Documents:
   o CV
   o three reference letters (at least from PhD supervisor, previous post-doc coordinator or equivalent)
   Documents should be sent by email no later than 03.03.2017, 9PM, to:
   Dr. Antonio Cuadrado: antonio.cuadrado@uam.es
   Dr. Gina Manda: redbrain@ivb.ro
2. Interview (by Skype):   
   o Between 11-24.03.2017
3. Communication of contest result: 28.03.2017

Contact Information

Prof. Antonio Cuadrado and Prof. Mihail Eugen Hinescu

Phones:
(+34) 915854383
(+40) 213194528
Fax: (+40) 213194528

Email:
redbrain@ivb.ro
antonio.cuadrado@uam.es