



### Program for Prime Minister Latin American Scholarships

Name of Institution	Universidad de Antioquia
Type of institution	Public University
Location (city and country)	Medellín / Colombia
Name of the course/program	"Neurobiological studies for potential treatments in dementia"
Objective of the program	Take training in cellular and biochemical techniques for the analyses of neuroprotective therapies in neurodegeneration in vivo and in vitro models.
Content (courses list)	<ul style="list-style-type: none"> <li>• Neurobiology seminars</li> <li>• In vivo model of neurodegeneration: Cerebral ischemia (microsurgery)</li> <li>• Behavioral training: Motor, neurological, cognitive and emotional skills.</li> <li>• Training in histological analyses: Immunohistochemistry, immunofluorescence</li> <li>• Training in in vitro assays: Neural primary cultures</li> <li>• Biochemical analyses: Western blotting</li> <li>• Staff of clinical case</li> </ul>
Course start and end dates	February 1st / 2017 to February 1st/2018 (To be undertaken within this period)
Course costs (enrolment, tuition, materials, etc)	No tuition/enrolment costs involved.
Course delivery language (if not English, then level of Spanish or Portuguese required)	The internship will be conducted in English. An intermediate Spanish level is desired but not mandatory.
Entry requirements	<ul style="list-style-type: none"> <li>- Undergraduate or Graduate students in science and biomedical area (chemistry, medicine, biology, bioengineer, and related)</li> <li>- Undergraduate who have completed 70% of their study plan.</li> <li>- Knowledge of statistics.</li> </ul>
Accommodation options and costs	Accommodation should be arranged by the applicant. Universidad de Antioquia can provide advice on areas and costs. Students will also be assigned a volunteer "Buddy-student" to help him/her get installed.
Website	University: <a href="http://www.udea.edu.co">www.udea.edu.co</a> Research group: <a href="http://neurociencias.udea.edu.co/es/">http://neurociencias.udea.edu.co/es/</a> Researcher professor: <a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=Cardona-Gomez">http://www.ncbi.nlm.nih.gov/pubmed/?term=Cardona-Gomez</a>
Contact person and email for further information and/or enrolment	<b>Research group contact point:</b> Name: Gloria Patricia Cardona-Gómez Email: <a href="mailto:patricia.cardonag@udea.edu.co">patricia.cardonag@udea.edu.co</a> Phone number: 57-4-2196458 Position: Full professor. Faculty of Medicine. Coordinator of Cellular and Molecular Neurobiology Area. Group of Neuroscience.  <b>University contact point:</b> Santiago López Álvarez <a href="mailto:investigacioninter@udea.edu.co">investigacioninter@udea.edu.co</a> 574-2198212 Scientific Cooperation Advisor