

Experienced AI developer		
<b>Publishing Date:</b> 14/12/2021	<b>Group:</b>	<b>Application ID:</b>
<p><b>Description of the Project:</b></p> <p>Neurons cultures are used to get knowledge and understanding about how neurons grow and establish connections with others via neurites. Understanding this mechanism is important to understand the development of the brain in the first stages of life.</p> <p>A way to obtain that knowledge is by means of tracking the movement and changes of the neurons within neuron cultures. To do so, pictures of the cultures are taking at a given pace and are analysed and compare to measure the evolution of the culture.</p> <p>The candidate will join a research group to develop an AI application to automatically track the neuron cultures.</p>		
<p><b>Profile:</b> Master's degree in Computer Science or Industrial Engineering.</p>		
<p><b>Experience:</b> Very good knowledge and experience working with programming tools, languages, databases, etc (C, C++. C#, Java, etc); very good knowledge and experience working with artificial intelligence applied to biomedical engineering signals analysis and data modeling; very good knowledge and experience working with DL and ML applied to the detection of emotions in EEG records; Experience and commitment for research activities.</p>		
<p><b>Starting Date:</b> 1/1/2022</p>		