

**MASTER UNIVERSITARIO EN: NEUROCIENCIA**

(Marcar la opción que proceda)

- SEMINARIO DE INVESTIGACIÓN con financiación obtenida en la Convocatoria de Ayudas UAM de Movilidad para estos seminarios.
- SEMINARIO DE INVESTIGACIÓN con financiación asignada al Máster Oficial en la partida presupuestaria del ejercicio en curso.
- OTROS SEMINARIOS

**NOTA:** Este Anexo ha de remitirse a [posgrado.oficial@uam.es](mailto:posgrado.oficial@uam.es)

La no cumplimentación exhaustiva de alguno de estos datos supondrá la devolución al remitente.

**ANEXO B : Información para la difusión del seminario<sup>1</sup>**

Título: Multiscale investigation and modeling of the cerebellar circuit

Ponente: Egidio D'Angelo

Fecha/Hora: 24/01/2019 / 13:00 horas

Facultad/Escuela: Medicina

Aula/Modulo: Seminario IV

**Contenido del seminario****Ámbito:**

Programa de Doctorado en: Neurociencia

Línea/Tema de investigación:

**Breve resumen (max. 150 palabras):**

*The cerebellum is one of the most fascinating neural circuits of the brain. The cerebellum has been classically associated to the control of movement and its pathological counterpart, ataxia, but it has recently been related to cognitive processing and supposed to be involved in autism, dyslexia and Alzheimer disease just to mention some. This talk will show a multiscale reconstruction of cerebellar functions making use of advanced data-driven modeling and robotic techniques and will open a perspective on how this multiscale approach could be applied to the analysis of integrated brain signals, like those deriving from structural and functional MRI, and used to assist the interpretation of brain function and pathology.*

**Ponente: Breve resumen del CV (max. 200 palabras):**

Prof. D'Angelo obtained the degree in Medicine as a fellow of Collegio Ghislieri in Pavia. Then, during his career in electrophysiological research, he completed an MD in Neurology. His main scientific interests include the function of neurons, synapse and networks of the brain, with a special interest for cellular and synaptic mechanisms of synaptic plasticity.

<sup>1</sup> La información sobre el seminario no debe superar una página