



U. of Oslo U. of Copenhagen Chinese U. of Hong Kong Norwegian U. of Science and Technology K.G. Jebsen Centre for Alzheimer's Disease Kavli Institute for Systems Neuroscience NO-Age NO-AD MIT-AD

The NO-Age and NO-AD Seminar Series 058

‘Autophagy in neurons, from development to aging’ (tentative)

by

Prof. Patricia Boya

Centro de Investigaciones Biológicas (CIB), CSIC, Spain

at

14:00-15:15 (CET), Monday, 26th Sep. 2022

Register in advance:

https://uio.zoom.us/webinar/register/WN_XZRruJGYRhamm4s_HgdHPg

Organizers:

Evandro F. Fang (UiO), Jon Storm-Mathisen (UiO), Lene Juel Rasmussen (KU), W.Y. Chan (CUHK)

Queries: e.f.fang@medisin.uio.no

Previous recorded talks are available here: <https://noad100.com/videos-previous-events/>



Name: : Prof. Patricia Boya

Institute: Centro de Investigaciones Biológicas (CIB), CSIC, Spain

Email: pboya@cib.csic.es

Lab website: <https://autofagia.org/project/pat-boya/>

Speaker: Prof. Patricia Boya

Title: Autophagy in neurons, from development to aging (tentative)

Abstract: To be updated

Biography:

My lab uses cellular and animal models to understand the **physiological roles of autophagy** and its implications during **disease** in the **nervous system** using the retina as a model. We are interested in the role of autophagy during development and the relationship between autophagy and basic processes such as cell proliferation, differentiation, and death. We seek to understand how dysregulation of autophagy may contribute to several pathological situations, including neurodegenerative conditions.

I studied biology at the University of Texas at Austin (USA), and Universidad de Navarra, where I also got my PhD degree on cell biology in 2000. I did my first postdoc as a Marie Curie fellow in the laboratory of Guido Kroemer in Paris, where I set up all the tools for autophagy research. I next moved to the University of Cambridge under the supervision of Aviva Tolkovsky. I returned to Spain in 2005 with a Ramón y Cajal contract at the CIB-CSIC, and became independent in 2009 as Científica Titular and Investigadora Científica in 2016. I am president of the Spanish Autophagy Society and member of the board of the Spanish Cell Biology Society. I am also interested in science communication and are involved in several mentoring activities for young scientists