

# 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, 26<sup>th</sup> Sep. 2022

**Register in advance:**

[https://uiuo.zoom.us/webinar/register/WN\\_XZRruJGYRhamm4s\\_HgdHPg](https://uiuo.zoom.us/webinar/register/WN_XZRruJGYRhamm4s_HgdHPg)

Organizers:

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

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



**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 Tolokovsky. 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

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