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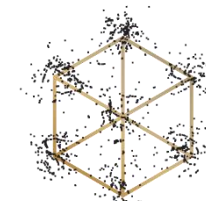
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K.G. Jebsen Centre for
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NO-Age



NO-AD

The NO-Age and NO-AD Seminar Series 031

'C. elegans autophagy' (tentative)

by

Prof. Hong Zhang

National Laboratory of Biomacromolecules, Chinese Academy of Sciences, China

at

14:00-15:00 (CET), Monday, 04th Oct 2021

Register in advance for this webinar:

https://uio.zoom.us/webinar/register/WN_salRUCbgQNOIf6PEEg3zZw

Organizers:

Evandro F. Fang (UiO), Jon Storm-Mathisen (UiO), Menno P. Witter (NTNU)

Lene Juel Rasmussen (KU), W.Y. Chan (CUHK)

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



Name: Hong Zhang
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Photo: from the speaker

Speaker: Hong Zhang

Title: 'C. elegans autophagy' (tentative)

Abstract:

To be updated

Biography:

Ph.D.: 2001, Albert Einstein College of Medicine

Postdoctoral Research: Massachusetts General Hospital Cancer Center, Harvard Medical School

Research

Autophagy is a highly conserved lysosome-mediated degradation process involving the formation of a double-membrane autophagosome. We previously used *C. elegans* to identify a set of metazoan-specific epg genes which act at steps unique to autophagy in multicellular organisms, including the formation of contacts between the ER and the isolation membrane (autophagosome precursor), and autophagosome maturation. Our lab focuses on understanding the molecular function of these autophagy genes using *C. elegans* and mammalian cell lines. We also use genetically modified mice to study the physiological function of these genes and to explore potential therapeutic targets for diseases related to these genes.