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# The NO-Age and NO-AD Seminar Series 068

The development of *C. elegans* models for the study of Alzheimer's disease

by

**Prof. Janine Kirstein**

Department of Cell Biology, Universität Bremen, Germany

**at**

14:00-15:15 (CET), Monday, 05<sup>th</sup> June. 2023

Register in advance:

[https://uio.zoom.us/webinar/register/WN\\_V5ETQbZuQ5mCUcM5EGj9IQ](https://uio.zoom.us/webinar/register/WN_V5ETQbZuQ5mCUcM5EGj9IQ)

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. Janine Kirstein**

**Title: The development of *C. elegans* models for the study of Alzheimer's disease**

**Abstract:**

To be updated

**Biography:**

Prof. Janine Kirstein's lab studies Huntington's and Alzheimer's disease using the nematode as well as cell culture and in vitro techniques. The long-term health of all metazoan cells is inextricably linked to protein quality control. An imbalance in protein homeostasis (proteostasis) can result in severe molecular damage to the cell, directly leading to tissue pathology and to enhanced susceptibility to diseases not only including metabolic disease and neurodegeneration, but also cancer and immunodeficiency. Our group aims to uncover the complex mechanisms of the proteostasis network, strategies to cope with protein aggregates and its changes with aging.

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