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The NO-Age and NO-AD Seminar Series 057

‘Mitophagy as an anti-ageing pathway’

by

Prof. Viktor Korolchuk

Biosciences Institute, Faculty of Medical Sciences, Newcastle University, U.K

at

14:00-15:15 (CET), Monday, 19th Sep. 2022

Register in advance:

https://uio.zoom.us/webinar/register/WN_1ynTivBaTiOg7eea174l5A

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/>



Speaker: Dr. Viktor Korolchuk

Title: Mitophagy as an anti-ageing pathway

Abstract:

The talk will summarise several ongoing research projects in the lab focussing on autophagic degradation of mitochondria by autophagy. We show that this process, called mitophagy, is essential for multiple aspects of cellular health and its perturbation results in cell death or senescence. Importantly, mitophagy may be a promising target for anti-ageing interventions.

Biography:

- Associate Professor, Biosciences Institute, Faculty of Medical Sciences, Newcastle University, UK, since 2017
- Assistant Professor, Institute for Cell and Molecular Biosciences, Newcastle University, UK, 2011- 2017
- Postdoctoral Fellow, University of Cambridge, UK, 2003-2011
- PhD in Biochemistry, Institute of Biochemistry, Kiev, National Academy of Sciences, Ukraine, 2000
- Research interests: autophagy and its regulation by mTOR signalling in the context of cellular and organismal ageing; role of autophagy in the maintenance of protein, DNA and organelle homeostasis; autophagy as a mechanism of oxidative stress response.

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