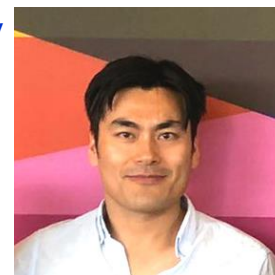


Evandro Fei Fang, PhD  
Associate Professor  
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Lab website <https://evandrofanglab.com/>

Twitter: @TheFangGroupUiO



### Biography (<500 words)

Evandro F. Fang is an Associate Professor of Molecular Gerontology at the University of Oslo (UiO) and the Akershus University Hospital, Norway, and his group are working on the molecular mechanisms of human ageing and age-predisposed neurodegeneration (<https://evandrofanglab.com/>). More specifically, the Fang laboratory is focusing on the molecular mechanisms behind how cells clear their damaged and aged mitochondria, a process termed “mitophagy”, as well as the roles of the NAD<sup>+</sup>-mitophagy/autophagy axis in healthy ageing and AD inhibition. NAD<sup>+</sup> is a fundamental molecule in life and health and decreases in ageing and AD. Dr Fang is fascinated with and actively engaged in moving his laboratory findings to translational applications and is involved in 5 NAD<sup>+</sup>-based clinical trials, with the overarching goal of establishing novel and safe biological approaches to promote longer and healthier human lives.

He has published over 100 papers in international peer-reviewed journals including papers in *Cell*, *Cell Metabolism*, *Nature Reviews MCB*, *Nature Neuroscience*, *Nature Ageing*, and *Nature Biomedical Engineering*. He routinely reviews grants for more than 30 leading foundations, including European Research Council (ERC, EU), Medical Research Council (MRC, UK), and AFAR (USA). He has been associate Editor-in-Chief (Deputy Editor) of 4 leading ageing journals, including *Ageing Research Reviews*, *Mechanisms of Ageing and Development*, *npj Ageing*, and *Journal of Gerontology: Biological Section*. He has received several awards including the Butler-Williams Scholar on Aging 2016 by NIA (USA), the 'Scientific Award to Young Scientist in the Natural Sciences for 2020 by The Royal Norwegian Society of Sciences and Letters (Norway), and the 2023 Norwegian National Dementia research award of the National Association for Public Health presented by H.M. King Harald V.

After finishing his PhD at the Chinese University of Hong Kong, he had a 6-year postdoc training with Prof. Vilhelm Bohr on molecular gerontology and Prof. Mark Mattson on neuronal resilience in Alzheimer's disease at the National Institute on Ageing, Baltimore. He opened his lab in Oslo in the fall of 2017. He is the founding (co)coordinator of the Norwegian Centre on Healthy Ageing network (**NO-Age**, [www.noage100.com](http://www.noage100.com)), the Norwegian National anti-Alzheimer's disease Network (**NO-AD**, [www.noad100.com](http://www.noad100.com)), and the Hong Kong-Nordic Research Network.

## 简介 (<500 字)

方飞 (Evandro Fei Fang) 是奥斯陆大学 (UiO) 和挪威阿克西斯大学医院的分子老年学副教授, 他的团队正在研究人类衰老和年龄易感神经变性的分子机制 (<https://evandrofanglab.com>). 更具体地说, 方实验室专注于细胞清除受损和老化线粒体背后的分子机制, 这一过程称为“线粒体自噬”, 以及 NAD<sup>+</sup>-线粒体自噬/自噬轴在健康衰老和 AD 抑制中的作用。NAD<sup>+</sup> 是生命和健康的基本分子, 可能延缓衰老和延迟 AD 发病以及减低 AD 症状。方实验室着迷于并积极致力于将他的实验室发现转化为转化应用, 并参与了 5 项基于 NAD<sup>+</sup> 的临床试验。方实验室总体目标是建立新颖、安全的生物学方法以促进人类更长寿、更高兴、更健康。

他在国际同行评审期刊上发表了 100 多篇论文, 包括 Cell、Cell Metabolism、Nature Reviews MCB、Nature Neuroscience、Nature Ageing 和 Nature Biomedical Engineering。他经常审查 30 多个领先基金会的拨款, 包括欧洲研究委员会 (ERC, 欧盟)、医学研究委员会 (MRC, 英国) 和 AFAR (美国)。他 (曾) 担任 Aging Research Reviews、Mechanisms of Aging and Development、npj Ageing 和 Journal of Gerontology: Biological Section 等 4 种主要衰老期刊的副主编。他获得了多个奖项, 包括 2016 年 NIA (美国) 颁发的 Butler-Williams 老龄化学者奖、挪威皇家科学与文学学会 (挪威) 颁发的 2020 年自然科学青年科学家科学奖, 以及 2023 年挪威由挪威国王哈拉尔五世颁发的挪威公共卫生协会痴呆症研究奖 (Demensforskningspris)。

在香港中文大学完成博士学位后, 方在巴尔的摩国家老龄化研究所接受了分子老年学 Vilhelm Bohr 教授和阿尔茨海默病神经元恢复力 Mark Mattson 教授为期 6 年的博士后培训。他于 2017 年秋天在奥斯陆开设了他的实验室。他主持挪威健康老龄化网络中心 (NO-Age, [www.noage100.com](http://www.noage100.com))、挪威国家抗阿尔茨海默病网络 (NO-AD, [www.noad100.com](http://www.noad100.com)), 以及香港-北欧研究网络。