



HNE Club Meeting 2025, June 7th 2025

Galway, Ireland

Satellite to 22nd SFRRRI Biennial Meeting, June 3-6th 2025

We would like to welcome everyone for the annual HNE Club meeting on June 7th 2025, which will be held as a satellite to the 22nd Biennial Meeting of the Society for Free Radical Research International in Galway, Ireland.

Inspired by the groundbreaking work of Prof Hermann Esterbauer, who discovered and characterized 4-hydroxynonenal (HNE), the primary product of lipid peroxidation, HNE Club is an informal group of scientists interested in redox biology, oxidative stress and, most of all, lipid (per)oxidation!

Over the years, exciting research in this field brought lipid (per)oxidation in the forefront of the biomedical research. Development of new technologies allowed to identify the role of lipid peroxidation products, including HNE, in pathophysiology of numerous metabolic and degenerative disorders, including cancer. Recent discoveries placed lipid peroxidation at the cross road of cell fate decisions, with lipid oxidation acting as a key executor of ferroptotic cell death. Role of oxygenated lipids in both acute and chronic inflammatory disorders is fortified by the key discoveries in the field of oxylipin signaling and metabolism. Moreover, protein modifications by electrophilic products of lipid peroxidations, act as signaling cues in regulation of complex biological functions.

Founded in 2000, HNE Club is happy to celebrate its 25th anniversary by presenting state-of-the-art research in the field of lipid peroxidation! Join us for the SFRRRI satelliting meeting in Galway!

When: June 7th 9 am to 1 pm

Where: University of Galway Campus, Human Biology Building, Aras na MacLeinn, Upper Newcastle, Galway, H91 TK33, Ireland

Confirmed Speakers:

- **Corinne Spickett** (Aston University, UK)
- **Daniela Costa** (Cardiff University, UK)
- **Eikan Mishima** (Institute of Metabolism and Cell Death, Helmholtz Munich, Germany)
- **Maria Fedorova** (TU Dresden, Germany)
- **Yimon Aye** (Oxford University, UK)

Registration: included in SFRRRI registration package

Abstract submission for oral presentations: we have open slots for the oral presentations by young career researchers. If you would like to present your research, send the abstract (max 250 words) to Maria Fedorova, until March 15th 2025.

On behalf of the organizing committee,

Maria Fedorova