

HNE Club Satellite Symposium to SFFR-E Meeting 2023

On June 9th 2023, HNE Club held a satellite Symposium at the Meeting of Society of Free Radical Research Europe in Vienna, Austria. We were happy to reunite in person after several years on on-line events due to the COVID pandemic! With a great support by SFRR-Europe and local organizer Dr Florian Gruber, HNE Club was able to put together an exciting agenda which attracted a large number of participants.

Maria Fedorova (TU Dresden, Germany) open the Symposium and introduced the activities and interests of HNE Club community. It was our special honor to host the lecture by **Jörg Schaur** from Graz (Austria) who is a longstanding member of HNE Club from its very beginning! In his retrospective lecture Jörg described how sometimes the errors can be a part of the game and told us about how 4-hydroxynonenal was discovered in the laboratory of Hermann Esterbauer.



Huiyong Yin from Shanghai Institute of Nutrition and Health and Department of Biomedical Sciences, City University of Hong Kong in China delivered an excellent talk in the role of acetaldehyde dehydrogenase 2 in cardiovascular diseases, highlighting the role of the enzyme beyond just aldehyde detoxification reactions. **Corrine Spickett** from the College of Health & Life Sciences of Aston University in UK presented the work of her laboratory on the effects of reactive aldehydes on cell metabolism and protein structure and function. She brilliantly demonstrated how advance mass spectrometry tools can address the complex questions in lipid and protein cross-talk via lipoxidation reactions. Moving on to the role of reactive aldehydes in human pathologies, **Morana Jaganjac** from Ruder Boskovic Institute in Zagreb, Croatia, highlighted her work on the lipid peroxidation in obesity. HNE Club is especially active in attracting young researchers to the Symposium and HNE Club in general. We highlighted it with the invited talk by **Philipp Jokesch** from the laboratory of Valery Bochkov at University of Graz, Austria. Philipp presented an exciting results of his PhD project on identification of human plasma proteins inactivating atherogenic oxidized phospholipids using immune “masking” assay and pull-down proteomics. Finally, our longstanding member and the 1st Chair of HNE Club, **Giuseppe Poli** from University of Turin, Italy, provided closing remarks by refereeing to the long history of HNE Club community!

