



**Dr. Irena VOVK** holds B.Sc., M.Sc. and PhD. in chemistry from the Faculty of Chemistry and Chemical Technology (FCCT), University of Ljubljana. She has been employed at the FCCT (1990-1993), the National Institute of Chemistry (NIC; since 1994, 2008-2020 head of the Department of Food Chemistry; 2017-2021 Quality Council member) and EN-FIST Centre of Excellence (2010-2013, head of the RRP7 group). She is the president of the Food Chemistry Section of the Slovenian Chemical Society (SCS) and the representative of the SCS in the Central European Group for Separation Sciences (CEGSS) and Food Chemistry Division of the European Chemical Society. She has been the representative of the SCS in the European Society for Separation Sciences (2012-2023). **Research interests:** Development of new methods based on chromatographic and hyphenated techniques for determination, isolation and identification of bioactive natural compounds. She has been active as the principal investigator of research programme, national, bilateral and European (WP leader) research projects and projects for industry. She participated in 35 scientific and 9 organising committees of international symposia, 3 x chair ([iss2020.si](http://iss2020.si), [hptlc2020.si](http://hptlc2020.si), [iss2015.si](http://iss2015.si)), 1 x vice president (CEFood 2022). She is a member of editorial boards of scientific journals. She was a mentor/co-mentor of 7 PhD, 1 MSc and 9 BSc students. **Bibliography:** From 570 bibliographic units, 113 scientific articles, 9 book chapters, more than 50 lectures (41 invited) at international symposia and 5 patents. **Awards:** “Prometheus of Science for Excellence in Communication” by the Slovenian Science Foundation (2009); “Grand Prize Winner” with Slovenian team at iGEM 2010 competition (MIT, USA, 2010); “Medal and award for achievements in the field of chromatography and related separation techniques” by the CEGSS (2016); Recognition of the Slovenian Chemical Society “for the outstanding contribution as the editor of the journal *Acta Chimica Slovenica*” (2022); “M. Tswett & W. Nernst “Science for Life” Award” by the EuSSS and the CEGSS (2023).

**Title of lecture: Chromatography and mass spectrometry in analyses of phytonutrients in food samples**