



Dr. Ieva Plikusienė has been working at the Institute of Chemistry of Vilnius University, Faculty of Chemistry and Geosciences since 2010. She is an associate professor and teaches physical chemistry. In 2014 she defended her PhD thesis “Spectroscopic ellipsometry of multilayered nanostructures used in biosensors applications” and currently (2020-2022) she is doing her postdoc internship at the Faculty of Chemistry and Geosciences. The topic of Ieva’s postdoc is “Determination of Biologically Active Substances Using Spectroscopic Ellipsometry Enhanced by Plasmonic Excitations”. Ieva is supervising the preparation of students' final theses and dissertations, and she is a member of the dissertation defense committees as well. She also did internships at the University of Namur (Belgium), Montpellier Institute of Membranes, Sorbonne (Paris) University (France), and the University of Latvia. She continues to be active in cooperation with these research centers to this day. Dr. Ieva Plikusienė research area covers the surface electromagnetic and acoustic waves application for the study of properties of nanostructures and for the biosensing. Two advanced research methods are used for this purpose: spectroscopic ellipsometry and quartz crystal microbalance with dissipation. Both are used for the development of sensitive, label-free, and real-time biosensors for the evaluation of biomolecular interactions. Ieva’s research works are widely known to the international scientific community. She is the co-author of 31 scientific publications, the *h* index according to the Clarivate Analytics Web of Science database is 17, the published scientific publications are cited more than 700 times, of which 93% are without self-citations. Dr. Ieva Plikusienė is an invited speaker at international conferences and scientific seminars, participates in high-level research projects, she is experienced in leading research projects, works as an expert of international programs, a reviewer of scientific publications, actively promotes chemistry among young people and in public, cooperates with the UNESCO associated schools network. In 2021 dr. Ieva Plikusienė received young talent award for Lithuania from L’Oréal-UNESCO for Women in Science program with the support of the Lithuanian National Commission for UNESCO and the Lithuanian Academy of Sciences.