

Dr. Myrtil Simkó is Professor for Cell and Molecular Biology and currently Scientific Director at SciProof International AB in Östersund, Sweden and has a professorship at the Institute for Advanced Studies, Strömstad Academy, Sweden. Her current research focusses on the mode of action of cell responses to EMF exposures and to other agents such as nanomaterials. She has 30 years of experience in the field of bioelectromagnetics research where she has published numerous studies on the modulation of redox homeostasis as well as the development and use of EMF-based diagnostics and therapeutics. Her pioneering work regarding research quality assessment and grouping approaches for risk assessment has laid the foundation for current work on the evaluation of high-quality experimental work regarding exposure conditions and biological studies for health risk assessment purposes. Prof. Simkó is and has been an invited expert for various expert groups on health risk assessment, such as WHO, IEEE, SCENIHR, and SSK as well as for other national and international scientific bodies. Her expertise is furthermore shown by her Associate Editorship for International Journal of Radiation Biology and Editorial Board Member for Frontiers in Public Health and the International Journal of Environmental Research and Public Health. She was previously a Board Member of BEMS and is a member of several scientific societies.

She studied biology in Giessen, Germany, obtained her Doctorate at the German Cancer Research Centre in Heidelberg and was a postdoc in Munich at the LMU University. Subsequently she worked for the German BfS in Munich on both ionizing and non-ionizing radiation. She started her academic career (obtaining Habilitation) at the University of Rostock, Germany, where she focused her studies on the effects of EMF in vitro. In Vienna, Austria, she then worked as Professor at the Austrian Academy of Sciences and the Austrian Institute of Technology on risk assessment of emerging technologies, particularly in the field of nanotechnology. Her affiliations include past guest professorships at Örebro University, Sweden, and at University of Bergen, Norway. She has authored or co-authored more than 100 scientific publications and has a h-index of 32.