



**Dr Viktorija Vaštakaitė-Kairienė** is a senior researcher at the Laboratory of Plant Physiology of the Institute of Horticulture at the Lithuanian Research Centre for Agriculture and Forestry. In 2018, she defended her doctoral thesis ‘The Photophysiological Aspects for the Management of Metabolites and Mineral Elements in *Brassicaceae* Microgreens’. Her main research areas include photophysiology, stress physiology, and biochemistry. The research is conducted to determine the physiological response of plants to the spectrum, photon flux density, photoperiod, and the frequency of electric lighting and to evaluate crop productivity, the content of secondary metabolites and mineral nutrients, and overall postharvest quality during the storage. The obtained results are used in the development of plant lighting technologies in controlled horticultural environment to increase the yield and quality (including nutritional) of leafy vegetables all year round. Dr Vaštakaitė-Kairienė participates in high-level R&D and other projects financed by the Research Council of Lithuania and European Union funds. She has participated in a national project of Poland, RTO Lithuania, and Lithuanian Business Support Agency projects. Currently, she is a postdoc fellow at the Nature Research Centre. Previously, she undertook internships at Cracow University of Agriculture in Poland and Michigan State University in the USA. She has co-authored 36 scientific publications, 13 of which with the Clarivate Analytics Web of Science and/or SCOPUS citation index. She is also a co-author of two chapters in books published by Springer and Elsevier and of a scientific study published by the Lithuanian Academy of Sciences. She has given 64 scientific presentations at national and international conferences in the USA, China, Turkey, Austria, Sicily, Latvia, Poland, Portugal, Australia, Latvia, France, and Bosnia and Herzegovina. Dr Vaštakaitė-Kairienė is a scientific supervisor of doctoral students. She actively participates in the activities of the Lithuanian Physiological Society, international societies EPSO, ISHS, ASHS, and seminars in Lithuania and abroad. She is an alumna of the Baltic-American Freedom Foundation. Dr Viktorija Vaštakaitė-Kairienė is a recipient of a prize and a certificate of merit of the Lithuanian Academy of Sciences.