NATURAL SCIENCE
BALTIC CONFERENCE

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Dominika Kapuścińska is an assistant at the Department of Plant Experimental Biology and Biotechnology, Faculty of Biology, University of Gdańsk. She graduated in biotechnology from Nicolaus Copernicus University in Toruń and is currently completing her PhD at the University of Gdańsk, where her research focuses on microalgae.

Her scientific interests concern the physiology and biochemistry of microalgae, with particular emphasis on their responses to environmental pollutants, including non-steroidal anti-inflammatory drugs (NSAIDs). Her work addresses oxidative stress, antioxidant responses, redox homeostasis, and changes in the photosynthetic activity of microalgae under chemical stress conditions. She has authored and co-authored scientific publications and presented her work at national and international conferences in the fields of plant and microalgal physiology, environmental stress, and ecotoxicology.

She is involved in teaching plant physiology, *in vitro* cultures, and plant biotechnology. She actively participates in science popularization through workshops held during events such as the Night of Biologists and the Baltic Night of Scientists.