

BIO

In 2015, Roza Szweda purchased her PhD at the Center of Polymer and Carbon Materials, Polish Academy of Sciences, working on polymer-peptide conjugates; her degree was defended with distinction in Kraków at AGH University of Science and Technology. Afterward, she moved to Strasbourg and joined the group of Prof. Jean Francois Lutz at the Institute Charles Sadron CNRS as a post-doc.

In 2020, she established her independent research team at the Polish Centre of Technology Development situated in Wrocław, the flagship institute of the Łukasiewicz Research Network. She got several grant awards from the National Science Centre, the National Centre of Research and Development, and the Łukasiewicz Centre, all of which allowed her to build and run a team (szwedalab.com). She was awarded a scholarship by the Polish Ministry of Science and Education for outstanding young scientists for her work. In 2023, she received a habilitation degree from the Silesian University of Science and Technology.

Roza's research focuses on programming functionalities into abiotic polymers through precise sequence and stereochemical control. Her pioneering contributions have been recognized internationally—she was named a *Rising Star in Polymer Science* by *Progress in Polymer Science* and was recently awarded a prestigious European Research Council (ERC) Starting Grant. In January 2024, she joined Adam Mickiewicz University as a university professor, where she continues to expand her research program.