

Michaela Wimmerová is Professor at Masaryk University (MU), Brno, Czech Republic, and Head of the Glycobiology Research Group at the Central European Institute of Technology (CEITEC MU). Since 2022, she has also served as Director of the National Centre for Biomolecular Research (NCBR) at the Faculty of Science, MU. She obtained her PhD in Biochemistry from Masaryk University in 1996 and subsequently spent a research stay at the Centre de Recherches sur les Macromolécules Végétales (CERMAV), CNRS, in Grenoble, France. After returning to Brno, she established the Glycobiology Research Group, focusing on proteins involved in host–pathogen recognition and protein–carbohydrate interactions.

Prof. Wimmerová also founded and led the Biomolecular Interactions and Crystallization Core Facility at CEITEC MU, developing state-of-the-art infrastructure for advanced biophysical and structural analyses. She is actively engaged in the national and international scientific community, serving on the board of the Czech Society for Biochemistry and Molecular Biology and representing the Czech Republic in the International Glycoconjugate Organisation.

Her research expertise encompasses protein biochemistry, molecular biology, and structural glycobiology, with a particular focus on the molecular basis of host–pathogen recognition. Her group has identified and characterized several novel lectins and other carbohydrate-binding proteins with unique structural features and biological functions.