

PERSONAL INFORMATION

Name: **Anastasia Kantsadi**

Address: Viopolis, 41500, Larissa

Phone: 2410565249

Email: akantsadi@uth.gr

Dr. Anastasia Kantsadi is an Assistant Professor of Molecular Biophysics at the Department of Biochemistry and Biotechnology of the University of Thessaly. She holds a Bachelor's degree (2009) and a PhD in Biochemistry (2015) from the same department. From 2016 to 2021, she worked as a postdoctoral researcher at the Oxford Antiviral Unit of the Glycobiology Institute and at the Department of Biochemistry of the University of Oxford. During the period 2017–2019, she served as the Scientific Coordinator of the European Marie-Sklodowska Curie Individual Fellowships Program at the Department of Biochemistry, University of Oxford. Upon returning to Greece, she undertook as Scientific Coordinator a research project funded by HFRI (3rd Postdoctoral Researchers Call). Since May 2025, she has been serving as a faculty member at the University of Thessaly.

Her research work includes 28 publications and a large number of deposited structures in the Protein Data Bank, and she has secured competitive national and European funding as Principal Investigator.

Her research focuses on understanding the mechanisms of complex biological systems at the structural level and investigating structure–function relationships of enzymes with pharmaceutical and biotechnological interest. She utilizes biochemical, biophysical, and structural biology approaches, with particular emphasis on X-ray crystallography, for studying molecular recognition of substrates/inhibitors and the rational design of small molecules, with applications in the development of antimalarial, antiviral, and antidiabetic drugs.