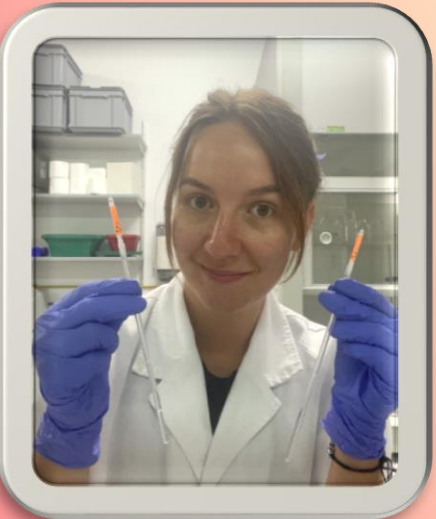


# Determination of the influence of Cu(II) and Zn(II) ions on the antimicrobial histatins using SAXS and ITC techniques

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The main goal of the STSM was to determine the influence of Cu(II) and Zn(II) ions on the secondary structure of histatins using the **SAXS** technique and to determine the thermodynamic metal-histatin interactions using **the Isothermal Titration Calorimetry (ITC)**. Additionally, a **Nuclear Magnetic Resonance (NMR)** experiment was performed to precisely determine the atoms binding metal ions in histatins.



Emilia Dzień  
University of Wrocław  
Wrocław, Poland  
Home Institution

Prof. Miquel Barceló Oliver  
University of Balearic Island  
Palma de Mallorca, Spain  
Host Institution