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Dissertation topic: The use of high-resolution mass spectrometry techniques in the study of environmental contamination

Brief description of the dissertation: This PhD project explores the application of high-resolution mass spectrometry (HRMS) techniques to investigate environmental contamination, focusing on the identification and behavior of micropollutants, including pharmaceuticals. Utilizing advanced metabolomics approaches and HRMS data analysis, the research aims to uncover the presence, transformation, and interactions of contaminants in various environmental matrices. The project contributes to a deeper understanding of pollutant dynamics and provides insights to improve environmental monitoring and management strategies.

Date of commencement of studies: 2025