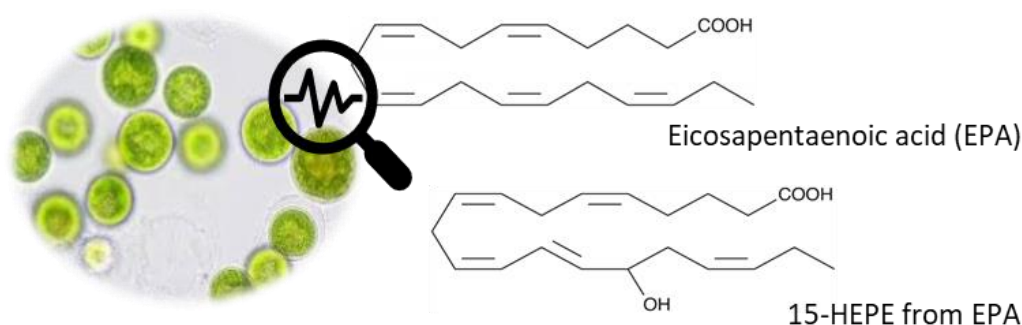


Master Thesis

Department of Food Chemistry and Toxicology

Exploring the potential of bioactive oxylipins from microalgae

Oxylipins are a diverse family of lipid metabolites produced by the oxidation of polyunsaturated fatty acids (PUFAs), which are involved in multiple metabolic responses. Oxylipins are naturally occurring in animals, plants, bacteria, and fungi. However, the identification of microalgae-derived oxylipins and their biological activities remain unexplored.



We are looking for a motivated student aiming to perform a MSc thesis working on the bioactivity evaluation of microalgae-derived oxylipins using *in vitro* cell-based assays.

Requirements:

- ✓ Bachelor in Chemistry or comparable
- ✓ Good oral and written communication skills in English
- ✓ Interest in food chemistry and bioactivity profiling

Contact: **Dr. Natalia Castejón**

Bioactivity and Molecular Mechanisms

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Starting Date: as soon as possible