

Confocal Raman microscopy of microalgae: Identification, detection and quantification of energy- and nutrient storing pools, and crystalline inclusions at a single-cell level

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We offer:

Sharing our expertise in Raman microscopy of microalgae, transfer of the methodology, practical training of people interested in the method as well as providing of our experimental equipment for joint experiments.

We are looking for:

Participation in research projects that require information on the chemical composition of microalgae at a single-cell level, in particular detection and quantification of stock substances such as neutral lipids, starch grains, polyphosphates or microcrystalline guanine. We are interested in further theoretical and methodological development concerning identification of intracellular inclusions of unknown chemical nature.

