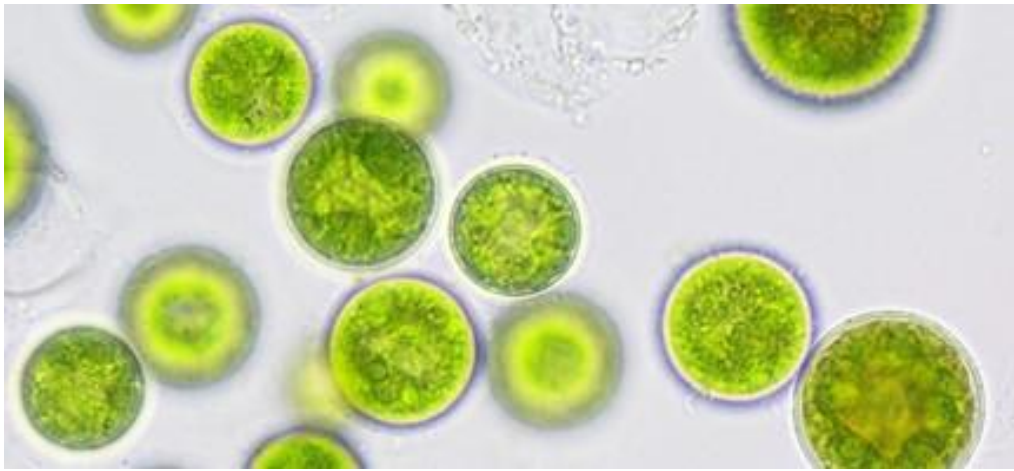




**Thesis Project
in Microalgal Biotechnology
(for students L2 - LM7 - LM8)**

**Engineering of microalgae
to produce biostimulant molecules**



The research activity will be carried out at the Photosynthesis and Bioenergy Laboratory and will involve acquiring knowledge and skills in biochemical and molecular biology techniques, as well as in the production and selection of transgenic lines of the green alga *Chlamydomonas reinhardtii*.

What you will do:

Transformation and selection of the lines of interest.
Cultivation in photobioreactors (laboratory scale).
Monitoring of growth and biochemical analysis.
Use of spectrophotometry and optical microscopy techniques.

Requirements:

Interest in sustainability and experimental research.
Good practical skills in a biological/chemical laboratory.

For information:

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