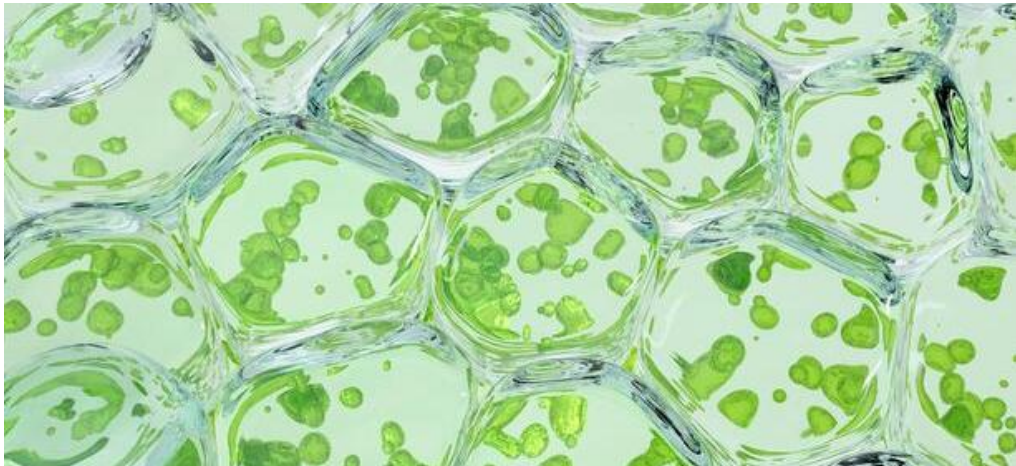




**Thesis Project
in Cell Biology
(for students L2 - LM7 - LM8)**

**Study of the mechanisms of biogenesis
of photosynthetic membranes**



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, and in the production and selection of transgenic lines of the model plant *Arabidopsis thaliana*.

What you will do:

Transformation and selection of the lines of interest.

Cultivation in growth chambers.

Biochemical analysis of the composition of the photosynthetic apparatus.

Use of spectrophotometry and electron microscopy techniques.

Requirements:

Interest in sustainability and experimental research.

Good practical skills in a biological/chemical laboratory.

For information:

www.photobiolabuvr.it

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