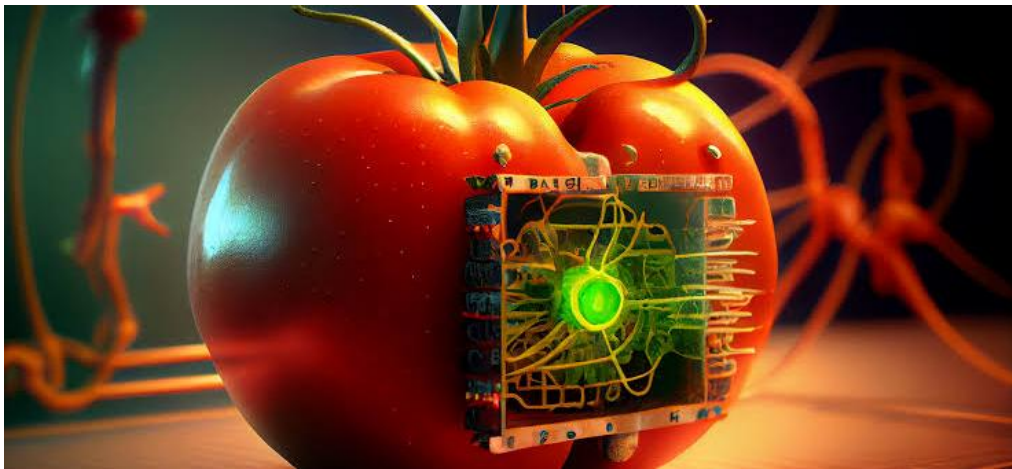




**Thesis Project
in Crops Biotechnology
(for students L2 - LM7 - LM8)**

**Study of the role of carotenoid catabolites
in resistance to abiotic stress**



The research activity will be carried out at the Photosynthesis and Bioenergy Laboratory and will involve acquiring knowledge and skills in biochemistry, molecular biology, and physiological characterization of transgenic lines of *Solanum lycopersicum*.

What you will do:

Cultivation of the lines of interest in growth chambers.

Biochemical analysis of the composition of the photosynthetic apparatus.

Evaluation of photoprotective capacity under stressful environmental conditions.

Requirements:

Interest in sustainability and experimental research.

Good practical skills in a biological/chemical laboratory.

For information:

www.photobiolabuvr.it

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