

(2 credits)

001-2-2056

Course Description:

An update in selected topics in Plant and Algae Lipid metabolism with the emphasize on the latest advances in fatty acid modifications (such as hydroxylation and desaturation), new insights in triacylglycerol biosynthesis and catabolism in microalgae , lipid trafficking , significance of acyl lipids editing and remodeling, the role of lipids in cell signaling.

Course Objectives:

The goal of the course is to provide a comprehensive update of the research in Plant and Algal lipids and an opportunity to the student to deepen their knowledge in the subject

Course requirements:

- 1.. For those students who completed successfully the Microalgal Lipid Biochemistry course (001-2-2051)
- 2.. Requires previous knowledge in Plant Lipid Biochemistry and Molecular Biology

Course Structure:

Lecture: 20% Presentations: 80%

Structure of Final Course-Grade:

	Component	Weight
1	Presentations	80%
2	Participation in discussions	20%
Total:		100%

Lecturer: Inna Khozin-Goldberg

Lecturer Details:

Reception hours: Tuesday, Wednesday **10:00 : 12:00**,
Biology Building, room 147
E-mail: khozin@bgu.ac.il
Telephone: 6563478