

SPECIAL SEMINAR

Monday 25/11/19, 12:00 pm

Building 211, seminar room

SPEAKER:

Prof. Abraham Nudelman

Department of Chemistry,

Bar Ilan University

TOPIC:

Development of Novel Active Compounds in Various Fields of Drug Development and Crop Protection

Abstract:

The presentation will deal with studies on the development of active agents in three unrelated fields.

- a) Compounds active as herbicides were developed based on inhibition of the biosynthetic course of biotin in plants.
- b) Novel multifunctional drugs derived from indoline have been found to display highly potent activity as antioxidants and anti-inflammatory agents, based on inhibition of various cytokines.
- c) Prodrugs of 5-aminolevullinic acid (5-ALA), the precursor of heme biosynthesis, are being evaluated as potential agents for the treatment sickle cell anemia.