SOCIÉTÉ CHIMIQUE DE GENÈVE

Plant defenses against insect attack

Dr. Philippe Reymond

Department of Plant Molecular Biology, University of Lausanne

Plants have been subjected to attack by herbivorous insects for millions of years. As a consequence, they have developed sophisticated defense mechanims to detect the presence of their ennemy and to defend efficiently by synthesizing toxic secondary metabolites and warning signals. During evolution, some insects have in turn acquired the ability to attenuate or counteract plant defenses.This phenomenon is an on-going arms race and presumed to be the cause of the great diversity of plant and insect species.

The lecture will present recent discoveries about the chemical and molecular dialogue between plants and insects.

Conférence présentée le

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Auditoire A. Pictet A100
30, quai Ernest-Ansermet, Genève

La conférence est publique

sochimge@unige.ch
www.unige.ch/sochimge/