

DSV Seminars

2018



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

DIPARTIMENTO DI
SCIENZE DELLA VITA

PhD Program in *Environmental Life Sciences*

Thursday, 25 January 2018 10:30

Seminar room, 1st Floor, Q Building

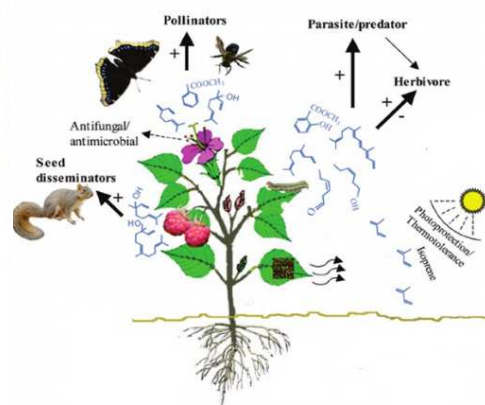
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Host: Andrea Nardini



Role of Biogenic Volatile Organic Compounds (BVOCs) in Plant-Environment Interactions



The biosynthesis and emission of biogenic volatile organic compounds (VOCs) have important roles in plant adaptation to harsh environments, in addition these compounds serve as infochemicals in multitrophic interactions. This lesson will explore the main volatile isoprenoids emitted by plants, the biotic and abiotic stresses inducing their biosynthesis, the roles of these secondary metabolites in plant defense and the analytical techniques used to monitor and quantify BVOC emission.

