



VABILO NA PREGLOV KOLOKVIJ /
INVITATION TO THE PREGL COLLOQUIUM

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**Plant metabolomics and its applications in
biological sciences**

Četrtek / Thursday, 2. 2. 2012, ob / at 13:00

Velika predavalnica Kemijskega inštituta / Lecture Hall at the
National Institute of Chemistry; Hajdrihova 19, Ljubljana

Abstract:

Metabolomics is applied to a variety of biological fields from medical science to agriculture. Plants produce a wide diversity of compounds used for foods, medicines, flavours and industrial materials. Most of human beneficial properties of plants, be they foods, medical resources, or industrial raw materials, are described to plant metabolites. The quality of crop plants is therefore a direct function of their metabolites content and metabolomics promises to uncover in the next years the richness of the plants metabolite diversity. In the lecture the new mass spectrometry based metabolomic platform developed at Edmund Mach Foundation will be presented together with some applications in different biological sciences.

Vljudno vabljeni! / Kindly invited!