



## ΔΙΑΛΕΞΕΙΣ ΤΜΗΜΑΤΟΣ ΧΗΜΕΙΑΣ 2015

ΟΜΙΛΗΤΗΣ:

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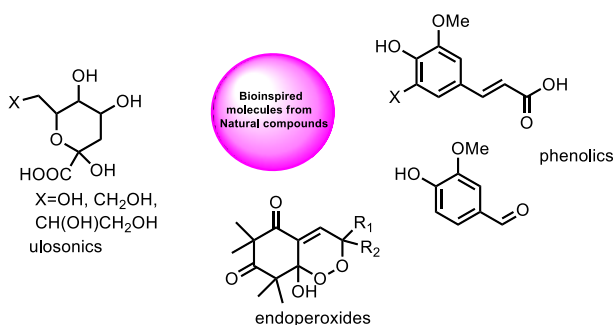


ΘΕΜΑ:

*"Elaboration of bio-inspired molecules with potential  
biological activities"*

Τόπος: *Αίθουσα Σεμιναρίων Τμήματος Χημείας*  
Ημερομηνία: *Τρίτη, 5 Μαΐου 2015*  
Ωρα: *12:00*

### ABSTRACT



Bioinspired molecules issued from plants is one of the topics of the team. Three different families of compounds will be presented. The first concerns ulosonic acids and derivatives that are specific carbohydrates implicated in the shikimic acid pathway or in the cell wall construction of bacteria or in cell communication phenomena. The second family concerns phenolic frames issued from vanilline and/or cinnamic acids and their dimeric systems (diaryl and diaryl ether) with potentially antiatherogenic properties. Finally the third one is focused on endoperoxides inspired from the naturel G3 of Eucalyptus leaves. Synthetic approaches and elaboration of a variety of bioinspired compounds belonging to these three families will be developed along with their biological properties and activities.