



A.D. 1308  
**unipg**

DIPARTIMENTO DI CHIMICA,  
BIOLOGIA E BIOTECNOLOGIE



DIPARTIMENTO 2018  
di ECCELLENZA 2022  
AMIS project

# AMIS DAY 2022

*Approccio Molecolare Integrato per lo  
Sviluppo sostenibile*

**21 Dicembre 2022 – Aula E DCBB**

09:00-09:15 F. ELISEI – Saluti istituzionali

09:15-09:30 A. MACCHIONI, *Il Progetto AMIS*

09:30-10:00 F. DE ANGELIS, *Modeling materials and processes in third generation photovoltaics*

10:00-10:30 B. CARLOTTI, *An ultrafast look at light-energy conversion in organic materials*

10:30-11:00 L. GORACCI, *Dealing with lipids in drug discovery: from design to optimization*

11:00-11:30 Coffee break

11:30-12:00 L. URBANELLI, *Extracellular vesicles: role, promises and challenges.*

12:00-12:30 P. ANGELINI, *Biodiversity and bioprospecting of mushrooms of food and medicinal interest*

12:30-13:00 F. FERLIN, *Flow approaches towards sustainability*

13:00-14:00 Pausa pranzo

14:00-14:30 M. REBORA, *Insects did it first: from adhesive surfaces to structural colors*

14:30-15:00 G. BISTONI, *Catalysis for a sustainable future: a computational perspective*

15:00-15:30 A. MICHELUCCI, *Ca<sup>2+</sup>-Entry Units: the role of extracellular Ca<sup>2+</sup> in skeletal muscle contraction*

15:30-16:00 Coffee break

16:00-16:30 A.C. ELIA e M. LORENZONI: *Research activities in Ecology*

16:30-17:00 A. LOMBARDI: *Molecular networks by invariant shape coordinates and deformation indexes*

17:00-17:30 P. ROSIGNOLI: *Cancer prevention: from risk factors to preventive agents*

17:30-17:45 Chiusura e Auguri

