

Course in Pharmaceutical and Biomolecular Sciences

GREEN AND SUSTAINABLE CHEMICAL PROCESSES

13 September (G. Cravotto, G. Cavaglià)

- 9-13 (Aula F)
- Introduction to green chemistry
 - Green approach to process intensification

14 September (G. Cravotto, A. Barge)

- 9-13 (Aula F)
- Cavitation chemistry (processes under ultrasound and hydrodynamic cavitation)
 - Mechanochemistry: solvent-free reactions

15 September (D. Carnaroglio, S. Tabasso)

- 9-13 (Aula F)
- Microwaves: basic principles and professional reactors
 - Microwave application in biomass valorisation

16 September (K. Martina, E. Calcio Gaudino)

- 9-13 (Aula C)
- Green heterogeneous catalysis, preparation of nanoparticles and solid supported catalysts
 - Heterogeneous catalysis in flow reactors