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UNIVERSITAT DE BARCELONA

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# University of Barcelona

The University of Barcelona (**UB**) was founded in 1450.

74,000 Students

Teaching staff: 4,150 members.

71 degrees in different fields with postgraduate programs as well as continuing education courses



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# Faculty of Chemistry

## Dept. Chemical Engineering



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# Department of Chemical Engineering

**Staff: 20; Students: 32**

## Groups of research

- I Advanced oxydation technologies (AOT)
- II Applied Chemical Kinetics
- III Reology and surfactants
- IV Photocatalysis and Environment
- V Environmental Biotechnology

<http://www.angel.qui.ub.es>

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# Environmental Biotechnology Group



**Joan Mata-Alvarez**

**Ricard Torres**

**Xavier Baraza**

**Sandra Macé**

**Alex Galí**

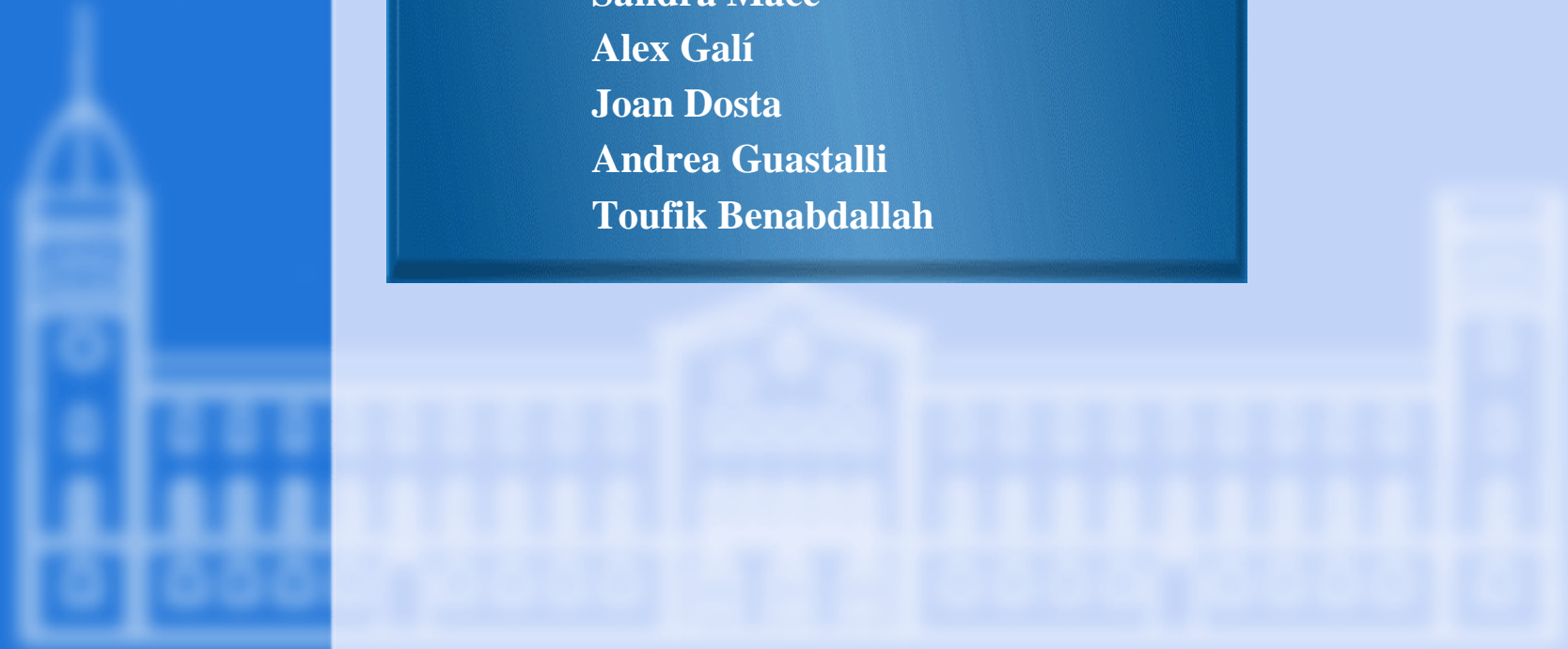
**Joan Dosta**

**Andrea Guastalli**

**Toufik Benabdallah**



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## Research interests:

- Anaerobic digestion of MSW, sewage sludge, pig manure.
- Wastewater treatment. Advanced nutrient removal.

Examples: effluents from digesters (reject water, etc)

Pretreatments to enhance biogas production

## Other activities:

- Organization of national and international meetings to promote biogas technology.