



### **Microbiology and Industrial Biotechnology. Biotechnology department of AINIA.**

In the Department of Biotechnology of AINIA, our R&D lines of work are focused on the design, optimization and implementation of bio-based processes, combining the existing Know-How in the areas of microbiology, biotechnology, process engineering and design of equipment, searching for the industrial feasibility from the beginning of our research.

- Group Members: Dr. Begoña Ruiz (Head of Department), Ms. Amparo de Benito, Ms. Sonia Porta, Ms Ana Torrejón, Dr. Paloma Juarez, Dr. Gema Vivo Llorca, Dr. Elías Hurtado Gaitan, Mr. Guillem Tomas Tenes. Lab & Pilot Plant Technicians.
- Research topics: Antimicrobials, Phage Isolation, Phage Production, Endolysins Biosynthesis.
- Research projects
  - Campylo-Phage: Development of bacteriophages for the reduction of *Campylobacter* in live and processing poultry. EUROSTARS RN9827 01/11/2015 - 01/11/2018
  - XF-ACTORS: *Xylella fastidiosa* Active Containment Through a multidisciplinary-Oriented Research Strategy; H2020-SFS-09-2016. 2016-2020.
  - SALUD OLIVAR: Desarrollo de estrategias innovadoras de control de plagas y enfermedades endémicas y emergentes en olivo. Grupo Operativo Supraautonómico. 2019-2021.
  - BIOCLEAN: Investigación y desarrollo de un sistema biotecnológico integral de limpieza y desinfección de patógenos con aplicación en seguridad alimentaria y ámbito clínico. AVI
  - MICROBIOSAFE: Nuevas estrategias antimicrobianas biobasadas IVACE-FEDER

URL de la página del grupo en su institución: [www.ainia.es](http://www.ainia.es)