

## **Thrust area of Ph.D**

Department of Biotechnology offers Ph.D program in various subdisciplines of Biotechnology and allied areas. Research within the Department covers a wide and exciting array of activities ranging from quite fundamental research in Biology through to the Applied fields of Biotechnology. There are currently 25-30 PhD-students admitted to this program.

This PhD programme aims to respond to a need in society for professionals in the field of Biotechnology, not only in Catalonia but internationally. The PhD programme is therefore open to both local and international students. The programme is strongly committed to training PhDs capable of working in companies in Health, Agriculture, Food companies, pharmaceutical, Bioinformatics and Environment industries.

The aim of the PhD in Biotechnology to prepare students to be able to begin and complete training in theory, methodology and research in the multidisciplinary field of Biotechnology, which is materialised in the production and public presentation of a complex, original and innovative doctoral thesis.

PhDs are expected to be able to carry out future research projects of high quality and international scope. The programme includes Interdisciplinary and interrelated subjects in Genetics, Molecular Biology, Microbiology, Biochemistry and Engineering designed to offer genetic solutions to industry in an integrated manner.