



UNIVERSITY OF NAPLES FEDERICO II
POLYTECHNIC AND SCIENCE SCHOOL
Dept. of Chemical Sciences
PhD School in Biotechnology
Coordinatore Prof. Giovanni Sannia



PhD course in Biotechnology

The following courses will be given:

Dr. Angela Arciello – May, 18/19, 2017

BIOTECHNOLOGICAL APPLICATIONS OF BIOACTIVE PEPTIDES
AND PEPTIDOMIMETICS

- Peptides and peptidomimetics for cosmetic applications and food industry
- Nanotechnology: peptides as biological semiconductors

Dr. Concetta Valeria L. Giosafatto - May, 25/26, 2017

ENZYMES IN FOOD BIOTECHNOLOGY

- Enzymes as processing aids
- Enzymes as processing additives

Dr. Alessandra Piscitelli - June, 15/16, 2017

DEVELOPING, ENHANCING AND PRODUCING NEW ENZYMES

- Optimization of enzyme features through rational and random approaches
- Searching for novel enzymes

Dr. Cinzia Pezzella - June, 22/23, 2017

MICROBIAL CELL FACTORIES IN INDUSTRIAL BIOTECHNOLOGY

- Design and optimization of microbial cell factories for industrial bioprocesses
- Case studies: Native and engineered microorganisms for the synthesis of biopolymers

**Department of Chemical Sciences
Ex "Sala del Consiglio" DCOB
Room COb1 (0mC05), 16:00-19:00**