



Courses provided to PhD students of the 36th cycle over the three years.

Couse	Teacher	Hours
PROTEIN STRUCTURE VISUALIZATION, ANALYSIS AND MODELLING	DR. EUGENIO NOTOMISTA	9
Engineering of cazymes for oligosaccharide synthesis	PROF. MARCO MORACCI	4
INTRODUCTION TO DATA ANALYSIS	PROF. RAFFAELE VELOTTA	12
Bioplastics for a sustainable development	Prof. Loredana Mariniello	8
ENZYMES AS ADDITIVES OR PROCESSING AIDS	DR. CONCETTA VALERIA L. GIOSAFATTO	6
EXTREMOPHILES: UNTAPPED SOURCE OF BIOLOGICAL AND METABOLIC DIVERSITY	DR. DONATO GIOVANNELLI	2
MICROSCOPIC METHODOLOGIES FOR LIFE AND MATERIALS SCIENCES	DR. ANGELA ARCIELLO, DR. ROCCO DI GIROLAMO	6
Immunology and bacteriophage therapy as a tool in Biothechnology	Dr. Andrea Fulgione	4
BIOACTIVE MOLECULES FROM NATURAL SOURCES: PURIFICATION AND APPLICATIONS	DR. DARIA MONTI	8
Self-assembling peptide and protein amyloids: from structure to biotechnological applications	Prof.ssa Paola Giardina	6
Versatile nano display-platform based on bacteria	DR. RACHELE ISTICATO	8
Discovery of carbohydrate active enzymes from hyperthermophiles: genomic and metagenomic approaches	DR. ANDREA STRAZZULLI	4
BIOSTIMULATION OF PLANT ENDOGENOUS DEFENSES	DR MARIANGELA COPPOLA	4
Sustainability of industrial biotechnological processes.	Prof. Salatino Prof. Marzocchella	8



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

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economic, environmental, and social indicators		
GENOME EDITING	PROF. VIOLA CALABRÒ	8