



UNIVERSITY OF NAPLES FEDERICO II
POLYTECHNIC AND SCIENCE SCHOOL
Dept. of Biology
PhD School in Biotechnology
Coordinator Prof. Marco Moracci

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| Course title | Professor | date | h |
|--|---|--|----|
| PROTEIN STRUCTURE VISUALIZATION, ANALYSIS AND MODELLING | EUGENIO NOTOMISTA (notomist@unina.it) | 29 th of June, 6 th of July and 14 th of July | 9 |
| ENGINEERING OF CAZYMES FOR OLIGOSACCHARIDE SYNTHESIS | MARCO MORACCI (marco.moracci@unina.it) | 12 th and 13 th of October | 4 |
| INTRODUCTION TO DATA ANALYSIS | RAFFAELE VELOTTA (velotta@na.infn.it) | 22 th -24 th of June | 12 |
| ENZYMES AS ADDITIVES OR PROCESSING AIDS | LOREDANA MARINIELLO (loredana.mariniello@unina.it) | 12 th -15 th of July | 8 |
| BIOPLASTICS FOR A SUSTAINABLE DEVELOPMENT | CONCETTA VALERIA L. GIOSAFATTO (giosafat@unina.it) | 8 th and 9 th of July | 6 |
| EXTREMOPHILES: UNTAPPED SOURCE OF BIOLOGICAL AND METABOLIC DIVERSITY | DONATO GIOVANNELLI (donato.giovannelli@unina.it) | 10 th of September | 2 |
| MICROSCOPIC METHODOLOGIES FOR LIFE AND MATERIALS SCIENCES | ANGELA ARCIELLO (anarciel@unina.it), ROCCO DI GIROLAMO (rocco.digirolamo@unina.it) | 12 th and 13 th of July | 6 |
| BIOACTIVE MOLECULES FROM NATURAL SOURCES: PURIFICATION AND APPLICATIONS | DARIA MONTI (mdmonti@unina.it) | 21 th , 23 th and 25 th of June | 8 |
| SELF-ASSEMBLING PEPTIDE AND PROTEIN AMYLOIDS: FROM STRUCTURE TO BIOTECHNOLOGICAL APPLICATIONS | PAOLA GIARDINA (giardina@unina.it) | 15 th , 16 th and 17 th September | 6 |
| VERSATILE NANO DISPLAY- PLATFORM BASED ON BACTERIA | RACHELE ISTICATO (isticato@unina.it) | 8 th of September | 2 |
| DISCOVERY OF CARBOHYDRATE ACTIVE ENZYMES FROM HYPERTHERMOPHILES: GENOMIC AND METAGENOMIC APPROACHES | ANDREA STRAZZULLI (andrea.strazzulli@unina.it), BEATRICE COBUCCI-PONZANO | 5 th and 6 th of October | 4 |
| GENOME EDITING | VIOLA CALABRÒ (vcalabro@unina.it) | 15 th and 16 th of July | 8 |