



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

Practical course in

***"Techno-economic analysis of biotechnological process – how much does it cost the novelty?
Do we earn money from bio?"***

Course content:

- ✓ Methodology to perform the **cost and profitability analysis** of a bioprocess is provided (2 h lecture).
- ✓ Assisted tutorial (3 h) follow on how to use **SuperPro Designer®** software (Intelligen Inc.) for **bioprocess design**.
- ✓ Group **Work Assignment** (WA) (6 h) on designing a specific industrial case of bioprocess and performing cost and profitability analysis
- ✓ Student **presentation** of the WA result (1 h)

Held by Dr. Giuseppe Olivieri

14:00-18:00, 6 Nov, 2017 – 1 h Lect – 2 h Tutor – 1 h WA

14:00-18:00, 7 Nov, 2017 – 1 h Lect – 2 h WA – 1 h Tutor

14:00-18:00, 8 Nov, 2017 – 3 WA – 1 h WA result

Department of Chemical Sciences
Informatic Lab – 2nd floor

Enrollment is mandatory: send an e-mail to
giolivie@unina.it

Number of available places: 20