Course for Ph.D. students
XLII Cycle (Nov 2026 – Oct 2029)

Curriculum
Innovation in Pharmaceutical Sciences

Protein therapeutics: production, chemical modification and evaluation of their functional properties (1 ECTS)

Proff. Stefano Bruno – Stefano Bettati – Luca Ronda
University of Parma

Course language: **Italian**

Dates:
17/03/2027 (9:00-13:00)
24/03/2027 (9:00- 13:00)

Location: the classroom will be communicated to the participants by email.

To attend the course please contact:
Prof. Stefano Bruno (stefano.bruno@*unipr.it***)**

Course description

- Expression of protein therapeutics: choice of host cells, principles of expression vectors
- Purification of protein therapeutics
- Chemical modification of protein therapeutics: chemistry and biological effects
- Evaluation of the functional properties of protein therapeutics by spectroscopic techniques

At the end of the first meeting, one or more research papers on topics covered by the course will be assigned to each student and will be discussed at the second meeting.