

## Course for Ph.D. students 38<sup>th</sup> cycle (Nov 2022 – Oct 2025)

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

**Proff. Stefano Bruno\Stefano Bettati\Luca Ronda**  
*University of Parma*

*Course language: english*

*Approximative scheduling: April-May)*

*The exact date and time will be announced by e-mail and on the website in the page "Active courses" for each session.*

*To attend the course please contact:*

**Prof. Stefano Bruno ([stefano.bruno@unipr.it](mailto: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*