Course for Ph.D. students
XLII Cycle (1 Nov 2026 – 31 Oct 2029)

Curriculum
Innovation in Pharmaceutical Sciences

Research Integrity and Open Science
(1 ECTS)

Prof. Silvia Pescina
University of Parma

Course language: English

Approximative scheduling: the first half of February 2027
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 send an email to ***silvia.pescina@unipr.it*** *from January 15 to January 31, 2027*

Course description

The course deals with **Research Integrity** and **Open Science**, two essential and interdisciplinary topics for the training of PhD candidates, and provides students with foundamental knowledge and skills to conduct ethical and transparent research. The course covers topics such as research ethics, good research practices and research misconduct, reproducibility, peer review, and the principles of open science (such as open source, open data, open access publications). Students will learn how to navigate the complexities of academic publishing, ensure the reliability of their research work, thus contributing to a more open, accessible, and collaborative scientific community.

Upon successful completion of the course, PhD candidates will be able to:

Knowledge and Understanding: demonstrate advanced knowledge of Research Integrity and Open Science principles, including ethics, reproducibility, peer review, open access, and data sharing.

Applying Knowledge and Understanding: integrate ethical, transparent, and reproducible practices into independent research and scholarly dissemination.
Making Judgements: critically assess complex ethical and methodological issues in research and scientific publishing, adopting responsible and informed decisions.
Communication Skills: communicate research practices and results clearly and effectively within the scientific community and interdisciplinary contexts.
Learning Skills: develop the ability to autonomously implement and promote principles of research integrity and open science within their own research activities and professional practice.

Evaluation: YES, MCQ Test