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

Curriculum
Innovation in Pharmaceutical Sciences

Title
Evidence-based phytotherapy
1 ECTS

Prof. Marco Biagi and Ilaria Zanotti
UNIVERSITY OF PARMA

Course language: **English**

Approximative scheduling: ***January 2027***

> *The exact date and time will be announced by e-mail and on the website in the page "Course Units".*

To attend the course please contact:
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Course description
In an era where natural compounds still play a significant role in drug development, understanding the specific framework of herbal medicines is essential for researchers in pharmaceutical sciences. In fact, with the growing number of registered herbal medicines in Italy and the EU, the field is expanding rapidly, offering new research opportunities.
This course is designed to provide a deeper insight into the complexity of herbal medicinal products, from their multi-component composition to their mechanisms of action, highlighting their scientific and regulatory evolution.
The course will explore the scientific rationale behind their use, analyzing literature evidence and discussing cutting-edge research strategies for discovering and developing new medicinal products from plants.

This course is highly interdisciplinary, bringing together expertise from pharmacology, pharmaceutical biology and legislation. It aims to increase the knowledge to assess the therapeutic potential of medicinal plants, understand their clinical applications, and contribute to the development of innovative plant-derived drugs.

Evaluation: YES, MCQ test.