

CURRICULUM VITAE

DR. ELISABETTA MIRALDI



Personal Information

- Name: Elisabetta Miraldi
- E-mail: elisabetta.miraldi@unisi.it
- Nationality: Italian

Education

- PhD in Pharmaceutical Sciences (1995) – University of Siena
Thesis: "*Artemisia coerulescens* L. ssp. *cretacea*... Biology and Phytochemistry"
- Master's Degree in Pharmacy (1990) – University of Siena, 110/110 cum laude
- Licensed Pharmacist (1990)

Academic Positions

- Associate Professor (Botany, 2025–present)
- Confirmed University Researcher (1998–present), University of Siena
- Adjunct Professor in Pharmaceutical Biology (2012–present), University of Siena

University Teaching

A.Y. 2024–2025, University of Siena:

- Pharmacognosy with elements of Pharmaceutical Botany, Degree Course: Pharmacy.
- Plant Biology and Pharmacognosy, Degree Course: Chemistry and Pharmaceutical Technology.
- Pharmaceutical Botany, Degree Course: Environmental and Natural Sciences.
- Plant Biology (Module II) of the Integrated Course of Animal and Plant Biology, Degree Course: Pharmacy.
- Sustainable Technologies in the Supply Chain of Medicinal Plants, Degree Course: Ecotoxicology and Environmental Sustainability.
- Pharmaceutical Biology (Module II), of the Integrated Course of Evidence-Based Dietetics and Scientific Update, Degree Course: Dietetics.

Guest Lecturer – Advanced Course in Clinical Phytotherapy, University of Padua (2019, 2020).

PhD Supervision

- 5 PhD students supervised in Environmental, Geological and Polar Sciences and Technologies (2018–present).
- Research topics: phytotherapy, ethnobotany, natural products characterization, skin aging, marine plants.

Institutional Roles

- Director – Master Programs in Phytotherapy (First- and Second-Level), University of Siena (2020–present)
- PhD Board Member – Chemical and Pharmaceutical Sciences (1998–2003)
- Committee Member – Teaching Board for Environmental and Natural Sciences (2019–present)

Research & Projects

- PI or Scientific Coordinator of numerous funded research projects (2000–2025), in collaboration with industry partners (e.g., Bottega Verde, Herbal Products, BIOS Line, Collistar, Erba Vita, CDR Pharma).
- Research areas: phytotherapy, nutraceuticals, cosmetics, propolis, red yeast rice, polyphenols, essential oils, cannabis, marine biodiversity.
- National Biodiversity Future Center (NBFC) – Responsible scientist for the Pharmaceutical Biology group (2022–present).
- FITOSKIN Project (2024–2026) – GiovaniSi grant, Tuscany Region.

Publications

- Over 90 scientific papers in international journals (Phytotherapy Research, Nutrients, IJMS, Plants, Pharmaceuticals, Foods, Antioxidants, Biomedicines, etc.).
- Key contributions on natural products, phytochemistry, nutraceuticals, honey, propolis, red yeast rice, and medicinal plants in modern phytotherapy.

Conferences

- Frequent oral presentations at SIFit Congresses and international conferences.
- Lectio Magistralis – Academy of Fisiocritici, Siena (2018).
- Recent talks include: Tea in Western Phytotherapy (2023, Phytotherapy Congress).

Editorial Activities

- Editor-in-Chief – Piante Medicinali (Journal of the Italian Society of Phytotherapy, 2020–present).
- Editorial Board Member – Pakistan Journal of Scientific and Industrial Research (2002–2012).

Memberships

- Italian Society of Phytochemistry (SIF)
- Italian Society of Phytotherapy (SIFit)
- Academy of Fisiocritici, Siena

Outreach & Third Mission

- Organization of science dissemination events on cannabis, herbal teas, honey authenticity, aromatherapy (2023–2025).
- STEM projects and guided workshops for schools.
- Publications for the general public on medicinal and aromatic plants (Rizzoli, Giunti, Effigi).

Language Skills

Mother tongue: Italian

Other languages (self-assessment, CEFR):

English: Excellent (listening, reading, spoken interaction, spoken production, writing)

French: Good (listening, reading, spoken interaction; Fair in spoken production, writing)

Spanish: Fair (all skills).

Declaration

The undersigned declares, pursuant to Articles 26 of Law 15/68 and 76 of Presidential Decree 445/2000, that the information contained in this CV is true. Any false declarations are punishable under the Penal Code and relevant special laws.

The undersigned authorizes the processing of personal and professional data reported in the curriculum, pursuant to Legislative Decree No. 196 of June 30, 2003 (Personal Data Protection Code)

Siena, June 16, 2025

Elisabetta Minaldi