

# EUROPEAN FORMAT FOR THE CURRICULUM VITAE



## PERSONAL INFORMATIONS

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E-mail	<b>nicola.realdon@univr.it</b>
Nationality	Italian
Date of birth	DECEMBER 8, 1960

## WORK EXPERIENCE

2025 - present	Lecturer in "Pharmaceutical Technology and Laboratory" for the Master's Degree in Pharmacy, Faculty of Medicine of the University of Verona
2024 - present	Lecturer in "Pharmaceutical and technologies and legislation of functional foods" for the Bachelor's Degree in Nutraceutical and food health sciences, Faculty of Medicine of the University of Verona
2024 - present	Associate Professor for the CHEM08A program, Applied Pharmaceutical Technology, appointed by the Faculty of Medicine of the University of Verona.
2021 – 2025	Lecturer in "Pharmaceutical Legislation and Pharmacoeconomics" for the Master's Degree in Pharmacy - Department of Pharmaceutical Sciences, School of Medicine, University of Padua.
2021 – 2024	Lecturer in "Pharmaceutical Technology and Laboratory of Galenic Preparations" for the Master's Degree in Pharmacy - Department of Pharmaceutical Sciences, School of Medicine, University of Padua.
2020 – present	Member of the Steering Committee for the Master's Degree in "Pharmaceutical Quality Technologist"
2019 - 2024	Teacher of the "Acquisition of IT Skills" course at the Hospital Pharmacy Specialization School.
2019 - present	Member of the Technical Committee for Animal Nutrition and Health (CTNSA) - Advisory Section on Veterinary Medicines at the Ministry of Health.
2016 - 2024	President of the National Conference of Directors of Specialization Schools in Hospital Pharmacy.
2015 - 2024	Representative of the Department of Pharmaceutical Sciences at the University of Padua for Relations with Professional Associations and Public Health Institutions.
2014 - present	Member of the Teaching Council of the Doctorate in Molecular Sciences at the University of Padua.
2012 - present	Director of the Advanced Training Course in Pharmaceutical Logistics.
2009 - 2024	Representative designated by the School of Medicine and Surgery for the Clinical Services Area in the Observatory for Postgraduate Specialization Training at the University of Padua.
2009 - 2024	Director of the Specialization School in Hospital Pharmacy and Chairman of the Steering Committee of the Reformed School pursuant to Ministerial Decree of August 5, 2005, and former Ministerial Decree 68/2015, then Director of the Specialization School in Hospital Pharmacy pursuant to Ministerial Decree 68/2015.

2009 - present	Member of the Steering Committee of the Advanced Training Course in Radiopharmaceuticals, the Master's Degree in Health Technology Assessment, the Advanced Training Course in Medical Devices, the Advanced Training Course in Clinical Pharmacology and Pharmacy, and the Advanced Training Course in Phytotherapy and Dietary Supplements.
2006 - present	Professor of "Oncological Preparations" at the Specialization School in Hospital Pharmacy.
2003 - 2021	Professor of "Pharmaceutical Technology and Legislation" for the Degree Program in Pharmacy at the Faculty of Pharmacy of the University of Padua, now the Department of Pharmaceutical Sciences of the School of Medicine of the University of Padua.
2002 - 2003	Professor of "Galenic Formulation and Legislation" for the Degree Program in Pharmaceutical Chemistry and Technology at the Faculty of Pharmacy of the University of Padua.
2002 - 2024	Associate Professor for the CHIM 09, Applied Pharmaceutical Technology, appointed by the Faculty of Pharmacy of the University of Padua.
2002 - 2005	Member of the Teaching Council of the Doctorate in Pharmaceutical Sciences at the University of Padua.
2002 - 2008	President of the 4th Subcommittee - Notoriety Judgments of the Ethics Committee on Experimentation of the Padua Hospital.
2000 - 2016	Head of the Continuing Medical Education (CME) Provider at the University of Padua's Faculty of Pharmacy, and since 2014, for the Department of Pharmaceutical Sciences - School of Medicine.
1996 - 2024	He is the Head of the "Computerized Pharmacy Management" course, which he established at the Faculty of Pharmacy.
1996 - 2002	He is a lecturer in Pharmaceutical Technology, Socioeconomics, and Legislation for the Degree Program in Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, University of Padua.
1996 - 2009	He teaches "Galenic Laboratory" at the Specialization School in Hospital Pharmacy and "Pharmaceutical Technology."
1996 - 2009	He teaches "Health and Hospital Legislation, Economics, and Organization" at the Specialization School in Hospital Pharmacy.
1996 - 2004	Professor of "Pharmaceutical Technologies" at the Clinical Pharmacology Specialization School.
1995 - 1998	Member of the University Committee for Experimentation at the University of Padua.
1994 - 1994	From 1994 to September, he served as a Lieutenant Pharmacist at the Health Service Command of the North-East Military Region pursuant to Article 53 of Law No. 113 of April 10, 1954, and Article 22 of Law No. 1414 of December 12, 1964.
1992 - 2002	University Researcher for the C 08.2 disciplinary group at the Faculty of Pharmacy of the University of Padua; appointed to the confirmed University Researchers category for the C08X disciplinary group effective November 23, 1995.
1988 - 1991	Head of the Research and Development Department of the company VEBI (formerly the Veneto Biochemical Institute).
1987 - 1988	Second Lieutenant in the Artillery Corps: Section Commander with the role of Deputy Commander and then Commander of the Command and Services Battery, as well as Provisioning Officer at the "Vicenza" Mountain Artillery Group stationed in Elvas (Bolzano).

## EDUCATION AND TRAINING

1991	Homeopathy and Natural Medicines_CISDO.
1987	License to practice as a Pharmacist.
1985	Degree in Pharmaceutical Chemistry and Technology, University of Padua.
1985	Computer Science_CNOS_Veneto Region

## PERSONAL SKILLS AND COMPETENCES

In scientific research, he focuses on drug delivery in various pharmaceutical forms and the influence of chemical and physical parameters on the release and bioavailability of therapeutic agents from different forms. Specifically, he focuses on pharmaceutical forms for dermatological,

rectal, oral (powders, granules, and tablets), parenteral, and, more recently, solid polymer matrices, in vitro and in vivo immunodiagnostics, drug delivery, and radiopharmaceuticals, the latter in collaboration with the National Institute of Nuclear Physics and other international centers of excellence. He also conducts studies in the field of clinical pharmaceutical formulations and studies on the quality assurance of medical devices. He has developed medicinal products for human and veterinary use.

He conducts analyses, critical reviews, and opinion writing on pharmaceutical doctrine and standards.

His scientific output includes over 330 publications in international and national journals, communications at national and international conferences, monographs, and book chapters, which can be found on the MIUR website.

He holds the National Scientific Qualification of Full Professor.

### Scientific Responsibilities

In 1997, he participated in the PRIN 1997 research program: Availability of Drugs from Innovative Pharmaceutical Forms.

Since 1998, he has been responsible for numerous research agreements between the University of Padua Department of Pharmaceutical Sciences and pharmaceutical institutions and industries, the most recent ones aimed at the development of generic equivalents and veterinary medicines.

In 2003, he participated in the PRIN 2003 research program: Synthesis and chemical-structural characterization of nanoporous and Si-based fibrous materials with applications in the biomedical and environmental fields.

In 2004, he was the research unit leader of the PRIN 2004 program: Inorganic-Polymeric Biomaterials for Controlled Release of Bioactive Molecules.

In July 2018, he promoted and coordinated the recognized "Interdepartmental Cooperation for the ISOLPHARM Project," through which the Directors of the Departments of Physics and Astronomy, Chemical Sciences, and Pharmaceutical Sciences jointly recognized their cooperation with the National Institute of Nuclear Physics in the ISOLPHARM project. This initiative established the institution as a dialogue partner with institutions such as national and international universities for research development, Regions and Autonomous Provinces for interaction with healthcare facilities and hospitals, as well as public and private entities able to provide funding for the project's development.

In 2018, he participated in the project presented by the RIR "RIBES" network entitled "Intelligent Food for a Sustainable Future 3S-4H," funded by the Veneto Region.

In 2019, he participated as an investigator in the clinical study "Effects of cannabis oil extract on pain and quality of life in patients with chronic pain," promoted by the Verona Integrated University Hospital - Anesthesia and Intensive Care Unit (B) - Pain Therapy Unit.

In 2019, he was the winner (PI) of the PRID project entitled: "Targeting CCK2R for the delivery of radiopharmaceuticals in the treatment of solid tumors."

### Five of his most notable publications:

1. Lazzari, G.; Franceschinis, E.; Vettorato, E.; Realdon, N. (2024). Characterization of Structure-Surface Correlations in Ointments Using Surface Tensiometry within the Concept of an Integrated Analytical Approach. [pubs.acs.org/Langmuir](https://pubs.acs.org/Langmuir), doi.org/10.1021/acs.langmuir.4c01613
2. Fiordelisi, M.; Ferro, S.; Zanin, D.; Franceschinis, E.; Marzaro, G.; Realdon, N. (2024). Deformable Vesicles with Edge Activators for the Transdermal Delivery of Non-Psychoactive Cannabinoids. *Current Pharmaceutical Design*, vol. 30, 921-934, doi: 10.2174/01113816128289593240226071813
3. Andrighetto, A.; Tosato, M.; Ballan, M.; Corradetti, S.; Borgna, F.; Di Marco, V.; Marzaro, G.; Realdon, N. (2019). The ISOLPHARM project: ISOL-based production of radionuclides for medical applications. DOI:10.1007/s10967-019-06698-0. *JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY* - ISSN:0236-5731
4. Roncato, F.; Ruga, Fatlum; Porcù, E.; Casarin, E.; Ronca, R.; Maccarinelli, F.; Realdon, N.; Basso, G.; Viola, G.; Morpurgo, M., (2018). Improvement and extension of anti-EGFR targeting in breast cancer therapy by integration with the Avidin-Nucleic-Acid-Nano-Assemblies. DOI:10.1038/s41467-018-06602-6. pp.4070. In *NATURE COMMUNICATIONS* - ISSN:2041-1723 vol. 9 (1)
5. Franceschinis, E., Santomaso, A.C., Benda, L., Persutti, B., Voinovich, D., Realdon, N. (2015). Influence of process variables on the properties of simvastatin self-emulsifying granules

NATIVE LANGUAGE

ITALIAN

OTHER LANGUAGES

	<b>ENGLISH</b>
• <i>Reading skills</i>	EXCELLENT
• <i>Writing skills</i>	GOOD
• <i>Speaking skills</i>	GOOD

## MORE INFORMATIONS

In 1986, he won the competition for the 126th Army Reserve Officer Cadet Course, achieving the rank of Second Lieutenant in the Artillery Corps in 1987.

In 1990, he obtained the qualification to practice as a Pharmacist, placing fourth in the competitive examination based on qualifications and examinations for the awarding of vacant pharmaceutical positions in the province of Verona, announced by Regional Council resolution no. 1383 of March 14, 1989.

In 1991, he was promoted to the rank of Lieutenant in the Mountain Artillery Corps.

In 1997, he was called upon to lead a training program for pharmacist inspectors as part of the European Community's PHARE project.

Since 1998, he has been responsible for numerous research agreements between the University of Padua Department of Pharmaceutical Sciences and pharmaceutical institutions and industries, the most recent aimed at the development of equivalent generic medicines and veterinary medicines.

Through participation in a start-up, he created a university spin-off called ANANAS, which in November 2005 won the National Innovation Award, a competition that brings together the winners of business plan competitions organized locally by participating Italian universities and rewards the best technological start-up of the year. In March 2006, ANANAS became ANANAS Nanotech s.r.l., a company owned by the University of Padua that operates in the fields of in vitro and in vivo immunodiagnosics and drug delivery. In November 2007, with ANANAS Nanotech s.r.l., he won the Nanochallenge, the international business plan competition created to support the creation of new technology companies and identify the best talent in the nanotechnology sector. In 2010, ANANAS was selected by the Ministry of Innovation to participate in Expo 2010 in Shanghai.

Particolare attenzione ha posto alla analisi, revisione critica e opinionistica della dottrina e della norma farmaceutica essendo consulente delle Rassegna Giuridico Farmaceutica RAGIUFARM.

In 2012, he co-founded the quarterly journal Rivista di diritto ed economia farmaceutici (Pharmaceutical Law and Economics), of which he is editor-in-chief of the chemical-pharmaceutical section.

In 2012, he was appointed to the Technical Group for drafting guidelines on bone matrix from bone banks and synthetic bone matrix at the Padua Hospital.

In August 2017, he was appointed to the Veneto Region's Regional Working Group on Clinical Galenics, tasked with identifying minimum requirements for the preparation of sterile and non-sterile preparations both within the Hospital Pharmacy and in the Operating Units of the Healthcare Companies, proposing innovative organizational and management models, and producing guidance documents on relevant issues.

In April 2018, he was appointed a member of the Working Group dedicated to the implementation of the provisions relating to the dispensing of medicinal products and magistral galenic preparations based on cannabinoids for therapeutic purposes, in support of the Regional Technical Commission (Veneto) for Drugs (CTRF).

In 2019, by decree of the Minister of Health dated August 7, 2019, he was appointed to the "Technical Committee for Animal Nutrition and Health."

During his career, he has served on selection committees for university positions, the assignment of pharmaceutical offices, and positions in public institutions.

He is currently a member of the Italian Chemical Society, of which he served as Secretary for the Veneto region; he is a member of the Association of Pharmaceutical Industry Members, in collaboration with which he conducts training activities on pharmaceutical technology topics for students and industrial operators; he is a member of the Italian Association of Teachers and Researchers of Pharmaceutical Technology and Legislation (A.D.R.I.T.L.E.F.), now SITELF, of the Controlled Release Society, and of the Association for Studies on the Health Industry.

**SIGNATURE**

Nicola Realdon    **Verona, March 11 2026**



**I authorize the processing of my personal data pursuant to Legislative Decree No. 196 of June 30, 2003, "Personal Data Protection Code," including publication on the Agenas ECM website.**