

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

Name **SECCHIERO, PAOLA**
Work address **VIA FOSSATO DI MORTARA 70, 44121, FERRARA, ITALY**
DEPARTMENT OF TRANSLATIONAL MEDICINE

Nationality Italian

WORK EXPERIENCE

Research and academic positions

2006-present

Full professor of Human Anatomy

- Name and address of the employer
- Main activities and responsibilities

University of Ferrara, via Fossato di Mortara 70, 44121, Ferrara, Italy
Education and Research

2001-2006

Associate Professor of Human Anatomy

- Name and address of the employer
- Main activities and responsibilities

University of Ferrara
Education and Research

2000-2001

Assistant Professor of Human Anatomy

- Name and address of the employer
- Main activities and responsibilities

University of Ferrara
Education and Research

2004-2007

Adjunct Professor

- Name and address of the employer
- Main activities and responsibilities

Institute of Human Virology, Medical Biotechnology Center, University of Maryland, Baltimore, USA
Research

1999-2000

Assistant Professor

- Name and address of the employer
- Main activities and responsibilities

Institute of Human Virology, Medical Biotechnology Center, University of Maryland, Baltimore, Maryland, USA
Research

1996-1999

Research Associate

- Name and address of the employer
- Main activities and responsibilities

Institute of Human Virology, Medical Biotechnology Center, University of Maryland, Baltimore, Maryland, USA
Research

1994-1996

Visiting Fellow

- Name and address of the employer
- Main activities and responsibilities

National Cancer Institute, National Institutes of Health, Bethesda, Maryland, USA
Research

1992-1994

- Name and address of the employer
- Main activities and responsibilities

Guest Researcher

National Cancer Institute, National Institutes of Health, Bethesda, Maryland, USA
Research fellowship of the Italian Ministry of Health at the Laboratory of Tumor Cell Biology

EDUCATION AND TRAINING

1990-1994

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered

PhD, Biochemistry and molecular biology

University of Ferrara, Italy

Advanced molecular and cellular biology in the physio-pathology field

1989

- Name and type of organisation providing education and training
- Principal subjects/occupational skills covered

Doctor of Sciences, Laurea with Honours, Biological Sciences

University of Ferrara, Italy

Molecular and cellular biology

PERSONAL SKILLS AND COMPETENCES

MADRELINGUA
ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

ITALIAN

ENGLISH

EXCELLENT

EXCELLENT

EXCELLENT

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets.

MANAGERIAL AND EXECUTIVE POSITIONS - INSTITUTIONAL ROLES

2020-present: Head of the Department of Translational Medicine, University of Ferrara

2015-2020: Head of the Department of Morphology, Surgery and Experimental Medicine, University of Ferrara

2018-2020: Member of the Steering Committee of the University Hospital of Ferrara

2010-2015: Scientific Head of the "Laboratorio per le Tecnologie delle Terapie Avanzate", LTTA Centre, University of Ferrara

2011-2015: Member of Administration Board of Area science Park of Trieste

2010-2015 and 2019-present: Member of the Steering Board of the I.R.C.C.S. Burlo Garofolo (Trieste)

SELECTED FINANCED PROJECTS (LAST 10 YEARS)

1) Progetto Sanitario regionale bando 2011 Area 1- Programma Ricerca Regione Università 2010-2012 (Tematica Riabilitazione). "Rehabilitation after cerebral and myocardial damage: functional recovery and identification of biomarkers related to the clinical outcome" (Codice Progetto: PRUA1RI-2012-005). Unit Principal Investigator (PI)

2) MIUR/FIRB project 2010-2014: "Cancer stem cells: cellular signaling pathways as potential targets for therapy". Project PI

3) MIUR (PNR 2015-2020) Progetto di Ricerca Industriale e Sviluppo Sperimentale (2017): HelixRECOVERY: Recupero della sostanza mucosa di scarto da allevamenti di chioccioline. Unit PI

4) EMILIA ROMAGNA (POR FSE 2014-2020) (2017): Sviluppo di un sistema integrato per la valorizzazione del ruolo delle Biobanche/registri di patologie nella ricerca clinica/pre-clinica: dalla crioconservazione di campioni biologici al data integration. Unit PI

5) EMILIA ROMAGNA (POR-FESR 2014-2020) (2018): CUBIBOX (Customized Biological Box): piattaforma di nuova generazione per testing in vitro. Unit PI; € 128.000

TECHNICAL SKILLS AND COMPETENCES

RESEARCH INTERESTS

Onco-haematology; Cardiovascular; Aging; Rehabilitation; Regenerative Medicine.
Preclinical activities using in vitro and in vivo systems (in animal models), combining molecular and cellular biology approaches.

FULL PUBLICATION RECORDS - BIBLIOMETRIC PARAMETERS

- 266 peer-reviewed scientific publications, present in PubMed (<http://www.ncbi.nlm.nih.gov/>) and cited on ISI Web of knowledge-Journal Citation Reports (JCR, www.isiknowledge.com/). For the detailed publication list, see: www.ncbi.nlm.nih.gov/pubmed/?term=Secchiero

- Total Impact Factor (source: SCI-JCR; 2022, March 22; IF referred to the publication year): >1300

- Total citations from 1990 to present (source: Scopus; 2022, March 22): 9770

- H-index (source: Scopus, 2022, March 22): 52

- Researcher unique identifiers:

ORCID: <https://orcid.org/0000-0003-4101-7987>

ScopusID: 7006778094

ResearcherID: G-9689-2015

SELECTED PUBLICATIONS (5 OVER THE LAST 10 YEARS)

1) Bernardi S; Severini GM; Zauli, G; Secchiero P. *Cell-based therapies for diabetic complications*. *Exp Diabetes Res* 2012;2012:872504. doi: 10.1155/2012/872504

2) Tisato V; Zauli G; Voltan R; Giancesini S; di Iasio MG; Volpi I; Fiorentini G; Zamboni P; Secchiero P. *Endothelial cells obtained from patients affected by chronic venous disease exhibit a pro-inflammatory phenotype*. *PLoS One* 2012;7(6):e39543. doi:10.1371/journal.pone.0039543

3) Rampazzo E; Voltan R; Petrizza L; Zaccheroni N; Prodi L; Casciano F; Zauli G; Secchiero, P. *Proper design of silica nanoparticles combines high brightness, lack of cytotoxicity and efficient cell endocytosis*. *Nanoscale* 2013 Sep 7;5(17):7897-905. doi: 10.1039/c3nr02563b

4) Biffi S; Voltan R; Rampazzo E; Prodi L; Zauli G; Secchiero P. *Applications of nanoparticles in cancer medicine and beyond: optical and multimodal in vivo imaging, tissue targeting and drug delivery*. *Expert Opin Drug Delivery* 2015;12(12):1837-49. doi: 10.1517/17425247.2015.1071791

5) Joshi P; Jeon YJ; Lagana A; Middleton J; Secchiero P; Garofalo M; Croce CM. *MicroRNA-148a reduces tumorigenesis and increases TRAIL-induced apoptosis in NSCLC*. *Proc Natl Acad Sci USA* 2015 Jul 14;112(28):8650-5. doi: 10.1073/pnas.1500886112

PATENTS

1) U.S. Patent Application PCT/US98/14372 "Human Herpesvirus-7 Diagnostic and Immunologic Reagents and Methods Thereof" [Filed on 10/01/2001]. Co-inventor: Paola Secchiero

2) US Provisional Application No. 61/447,653 "Apoptosis-inducing Molecules and uses Thereof" [Priority date: 28/2/2011]. Co-inventor: Paola Secchiero.

TECHNOLOGY TRANSFER ACTIVITY

Scientific Head of the "Laboratorio per le Tecnologie delle Terapie Avanzate", LTTA Centre, University of Ferrara: coordination of Core Facilities for preclinical studies and promotion of Technology transfer. LTTA is an Industrial Research and Technology Transfer Laboratory accredited by the Emilia Romagna Region.

Director of the LTTA Biobank Service: responsible for research activities in collaboration with Companies, Clinical Units, Research Centers. The LTTA Biobank Service is part of the European research infrastructure "Biobanking and Biomolecular Resources Research Infrastructure" (BBMRI).

OTHER SKILLS
AND COMPETENCES

EDITORIAL ACTIVITY

Guest Editor for Cells (MDPI group)

Reviewer for several scientific journal such as: PNAS USA, Leukemia, Blood, American Journal of Pathology, Journal of Cell Physiology, British Journal of Haematology

Project reviewer and/or board member of European and Italian agencies such as: MIUR, Imperial College of Science, Science Funding Committee; Sheffield Hospitals Charitable Trust Research into Aging

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV