

## WORK EXPERIENCE

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2021-to date	<b>Associate professor in Molecular Biology (BIO/11)</b> Department of Biotechnology, Chemistry and Pharmacy, University of Siena. Director of the laboratory of Molecular Biology. Study of angiogenesis in health and disease. Teaching: Molecular Biology; Molecular Biology of Cancer.
2002-2021	<b>Research Scientist in Molecular Biology (BIO/11)</b> University of Siena. Molecular Biology. Research activity: production and characterization of monoclonal antibodies; molecular study of cell transformation; molecular study of angiogenesis; study of molecular and cellular mechanisms that control alkaptonuria. Teaching: Molecular Biology; Molecular Biology of Cell Transformation; Molecular Genetics; Molecular Biology Techniques.
1998-2001	<b>Investigator (D1)</b> University of Siena. Characterization of the new vascular growth factor VEGFD.
1994-1998	<b>Post-doctoral fellowships</b> University of Siena. Identification and characterization of new c-fos regulated genes.

## EDUCATION AND TRAINING

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2017	<b>National academic qualifications as Associate Professor</b> Molecular Biology (05/E2), Biochemistry (05/E1) and Applied Biology (05/F1).
1994	<b>PhD in Biotechnology</b> University of Siena. Cloning, characterization, and modeling of a monoclonal anti-human Transferrin antibody that competes with the Transferrin receptor. Studies of protein molecular mimicry.
Aug-Sep 1993	<b>PhD fellowship</b> at the Molecular Biology laboratory, Dana-Farber Cancer Institute, Boston, USA. Training in molecular biology and mRNA differential display techniques.
Mar-Dec 1989	<b>Post-graduate fellowship</b> Department of Botanical Sciences, University of Pisa. Organization of a laboratory for the production and characterization of monoclonal antibodies.
1989	<b>Qualification to the profession of Biologist</b> University of Pisa.
May-Sep 1988	<b>Post-graduate fellowship</b> at the CRISMA laboratory, unit Immunochemistry, University of Siena. Training for the production, characterization and purification of monoclonal antibodies.
1987	<b>Bachelor's degree in Biological Sciences</b> University of Pisa. Full marks and cum laude.

## WORK ACTIVITIES

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Editorial activity	Peer reviewer for several international journals.
Grants	Formal collaborator of EURETINA Retinal Medicine Clinical Research 2020. Project title: The C-type lectin receptor CD93 as a new target in retinal vascular diseases. PNRR "Next Generation EU" – Tuscany Health Ecosystem – (2022) CUP B63C22000680007. Milestone 7.4 – Advanced methods for the tailored management of chronic diseases.
Patents	Patent application for industrial invention entitled: "anti-CD93 antibody". 2021000021764 (09/09/2021).

## ADDITIONAL INFORMATION

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Publications	58 publications in peer-review journals (Scopus) 1629 citations 23 H index
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