

Personal information

Name and Surname: Elena Tenedini

Place and date of birth: Carpi (MO), Italy 08/05/1974

Citizenship: Italian

Work address: Dipartimento di Scienze Mediche e Chirurgiche, Materno-Infantili e dell'Adulto, University of Modena e RE; Clinical Genomics Laboratory, University Hospital of Modena, Via del Pozzo 71, Modena 41124

Telephone: +39 059 4222956

E-mail: elena.tenedini@unimore.it

PEC: elena.tenedini@pecoberm.it

Current position:

Associate Professor in Clinical Biochemistry and Clinical Molecular Biology, University of Modena and RE, Italy

Education

1999: Biology Degree, Summa cum Laude, University of Modena and RE, IT

2004: PhD in Experimental Haematology, University of Modena and RE, IT

2021: Residency in Medical Genetics, University of Ferrara

Qualification

2000: Qualification exam for the Profession of Biologist

2017-2028: National Scientific Qualification, D.D. 1532/2016 05/F1, for Associated Professor in Applied Biology

2019-2030: National Scientific Qualification, D.D. 1532/2016 05/E3, for Associated Professor in Clinical Biochemistry and Clinical Molecular Biology

2016-2019 Teaching Fellow in School of Dentistry, University of Modena and RE, Italy

2019-2020: Teaching Fellow, in School of Technical Sciences of Laboratory Medicine, University of Modena and RE

Memberships, Scientific Societies, Working Groups

National Biology professional Order (ONB), Section A, number EA_020298

Italian Society of Clinical Biochemistry (SIBioC)

Italian Society of Human Genetics (SIGU)

Molecular Genetics Working Group of Italian Society of Human Genetics

Oncogenetics Working Group of Italian Society of Human Genetics

Italian Association of Familiarity and Heredity of Tumors (AIFET)

European Society of Human Genetics (ESHG)

Research Experience

2021-2024: Fixed-term Research Assistant, type B, in Clinical Biochemistry and Clinical Molecular Biology, University of Modena and RE, Italy

2017-2021: Diagnostics and research activities, Clinical Genomics Laboratory, University Hospital of Modena, Italy

2014-2016: Fellowship Cariplo Foundation, University of Modena and RE, Italy

2011-2013: Fixed-term Research Assistant, type A, in Clinical Biochemistry and Clinical Molecular Biology University of Modena and RE, Italy

2008-2010: Fellowship BioPharmaNet, Emilia-Romagna High-Tech Network, University of Modena and RE, Italy

2006-2008: Fellowship Italian PRITT (Regional Program for Innovation and Technology Transfer), University of Ferrara, Italy

2006: Visiting Research Fellow, Research Centre for Medical Oncology, Institute of Cancer, School of Medicine and Dentistry, Queen Mary, University of London, UK

2004-2006: Fellowship Italian Ministry of University and Research, University of Modena and RE, Italy

Research topics

Genomics for hereditary cancer risk assessment and the diagnosis of rare hereditary diseases; genomics approaches to DNA repair systems and homologous recombination deficiency. Analysis of low-frequency variants identified in

hereditary cancer genes to recognize impact of constitutional mosaicism and patients' management. Development of computational tools and digital platforms for the management, classification, and interpretation of genomic data to support molecular diagnostics and personalized medicine.

Bibliometric indicators (Scopus, 19/05/2026)

Publications in peer-reviewed international journals: 62

Total citations: 2.138

h-index: 27

<https://www.scopus.com/authid/detail.uri?authorId=6507248495>

<https://publons.com/researcher/ABB-3411-2020/>

<https://orcid.org/0000-0003-0285-765X>

Modena, 19 May 2026