

ACADEMIC POSITION

Researcher

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PLACE AND DATE OF BIRTH:

Abbiategrosso (Mi), 13 Aprile 1968

PROFESSIONAL EXPERIENCE

Since 2005 – Researcher at the Medical Faculty, General Pathology, University of Pavia, Italy.

1998 - "Funzionario Tecnico" at the Medical Faculty, Institute of General Pathology, University of Pavia, Italy.

1998 – Ph.D. in Experimental Physiopathology.

1996-97 – Visiting scientist at the Unité de Biochimie Physiologique, Université Catholique di Louvain la Neuve (Belgio).

1995 - Visiting scientist at the Department of Biochemistry and Molecular Biology, University of Bari.

1994 - Enrolment in the Ordine dei Biologi.

1993 - State examination.

1992 - Graduates in Biological Sciences, University of Pavia, Italy.

PARTICIPANT AT THE FOLLOWING PROJECTS:

- 1) TELETHON 1995-1997: Oxidative stress in human and experimental mitochondrial myopathies.
- 2) PRIN 2000-2002: Nuclear DNA damage produced by nitrogen oxides in the system following the activation of monocyte / macrophage.
- 3) PRIN 2003-2005: DNA damage induced by reactive nitrogen species (RNS) and oxygen (ROS) in experimental cellular models of pathological conditions.
- 3) PRIN 2006-2008: *In search for "missing connections" between DNA repair and DNA damage checkpoint pathways.*
- 4) AIRC 2008 - *New role for p21(CDKN1A) protein in the DNA damage response: involvement in DNA repair pathways;*

5) European project Anthocyanin Bioactivity (QLK1-1999-00124) 2002 (biennale) - *Functional properties, bioactivities and bioavailability of phytochemicals, especially anthocyanins, from processed foods, 2002-2004.*

6) European project COOP-CT-2004-512550 2005 (biennale): *Highly selective and environmentally friendly fruit extraction using supercritical fluids technology;*

7) Fondazione Alma Mater Ticinensis 2010: *Rationale Design of Photodynamic Therapy agents active under anaerobic conditions. Photochemical and photophysical characterization in the cell.*

8) AIRC 2011-2014 - *Functional analysis of PCNA acetylation and its effects on genome stability in different model systems.*

9) AIRC 2015-2017 - *Dissecting the role of p21(CDKN1A) in DNA repair and its influence in the cell response to antitumor genotoxic drugs.*

TECHNOLOGY TRANSFER

2014-2017 – Partner in the University Spin off UB-CARE S.r.l. <http://www.ub-careitaly.it/>