

Enzo Terreno

DATA/ PLACE OF BIRTH: March 21st 1965 – Roma (Italy)

NATIONALITY: Italian

EDUCATION:

- Degree in Pharmaceutical Chemistry and Technologies, University of Torino (February 1991)
- Degree in Pharmacy , University of Torino (July 1993)

WORK EXPERIENCE:

- Scholarship on “Focused Helth Research” supported by Regione Piemonte (3/1991-2/1992).
- Consultant for Bracco Imaging S.p.A. (4/1992-7/1992 and 8/1993-12/1993).
- Laboratory manager at the Department of Chemistry IFM of the University of Torino (1/1994-12/1995).
- Consultant for the Interuniversity Research Consortium on Metal Chemistry in Biological Systems (1/1996-4/1996).
- Manager at the Local Research Unit of Torino for the Interuniversity Consortium of Research on Metal Chemistry in Biological Systems (Sep 1996-Oct 1997).
- Manager of the NMR Laboratory at the Department of Chemistry IFM of the University of Torino (Nov 1997-Oct 1999).
- Researcher Fellow of General and Inorganic Chemistry at the faculty of Pharmacy of the University of Torino (Nov 1999-Sep 2007)
- Associate Professor of General and Inorganic Chemistry at the faculty of Pharmacy of the University of Torino (since Oct 2007)

TEACHING ACTIVITY:

- Analytical Chemistry (1999-2001)
- General and Inorganic Chemistry (since 2001)
- Optical and Ultrasound imaging (since 2009)
- Proteomics, Interattomics, Metabolomics (since 2011)

RESEARCH INTERESTS:

- Coordination Chemistry
- Interaction between metal complexes and substrates of biological relevance
- Design of paramagnetic complexes as contrast agents in biomedical applications of Nuclear Magnetic Resonance

- MRI contrast agents based on CEST (Chemical Exchange Saturation Transfer) mechanism
- Nanotheranostics

RESEARCH ACTIVITY:

- Co-author of more than 100 publications on international peer-reviewed journals, 7 international patents and 6 book chapters.
- Senior member of the Molecular Imaging Center of the University of Torino.
- Actively involved in research activities within the FP6 European Network of Excellence "Diagnostic Molecular Imaging", the FP6 integrated European projects "Targeted Delivery of Nanomedicine" and FP7 "European Network for Cell Imaging and Tracking Expertise".
- Workpackage leader within the FP7 project "Imaging NeuroInflammation in NeuroDegenerative Diseases".
- Deputy coordinator of the project "Nano-Imaging Guided Therapy" financed in 2008 by regional government within the call "Converging Technologies".
- Coordinator of the project "Innovative Nanosized Theranostic Agents" financed in 2012 by University of Torino and San Paolo Bank Foundation.
- He was member of: the scientific committee of the Interuniversity Research Consortium on Metal Chemistry in Biological Systems; the management board of the Italian Discussion Group of Magnetic Resonance and leader of the working group on "Responsive probes" within the COST D38 action (Metal-based systems for Molecular Imaging Applications). Currently, he is member of the management committee of the COST TD1004 Action (Theranostics Imaging and Therapy)
- Associate editor of the journal "Biomed Research International"
- Member of the Editorial Board of "Current Molecular Imaging"

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