

CURRICULUM VITAE

SETTE

Marco

Born, 17 July 1964 in Rome

Assistant Professor in Biochemistry

**Department of Chemical
Sciences and Technology
University of Rome**

“Tor Vergata”

Via della Ricerca Scientifica,
00118, Rome, Italy

Tel.: +390672594424

Fax: +390672594328

E-mail: sette@uniroma2.it

DIPLOMA

1988: Laurea Degree in Biological Sciences. University of Rome “Tor Vergata”

1993: Dottorato (Italian PhD) in Molecular and Cellular Biology. University of Rome “Tor Vergata”.

Title of thesis: Structural determination of metalloproteins by NMR.

COMPLEMENTARY EDUCATION

1988: School of Nuclear Magnetic Resonance, Siena, Italy.

1990: School of Protein Science, Siena, Italy.

1990: School of Biophysics, Dubrovnik, Slovenja.

1991: School of Protein Science, Siena, Italy.

1992: School of Dynamics and Molecular Modelling of Biological Macromolecules, Rome, Italy.

1995: EMBO School on Multidimensional NMR in Structural Biology, Torino, Italy

RESEARCH AND TEACHING ACTIVITY

- 1989-1992:** Dottorato (Italian PhD) in Molecular and Cellular Biology. University of Rome “Tor Vergata”.
- 1993-1994:** CNR grant (supervisor Prof. Giuseppe Rotilio). Department of Biology. University of Rome “Tor Vergata”.
- 1995:** Postdoc in Structural Biology (supervisor Prof. Robert Kaptein and Prof. Rolf Boelens). University of Utrecht, The Netherlands.
- 1996-present:** Assistant Professor in Biochemistry. Department of Chemical Sciences and Technology. University of Rome “Tor Vergata”.
- 1996-2000:** Course in Laboratory of Biochemistry for Master degree students in Chemistry.
- 2006-2010:** Course in Data Analysis for Master degree students in Chemistry.

FIELD OF INTEREST

Structural biology of proteins and nucleic acids using spectroscopic and computational methods, in particular NMR spectroscopy.
Structural studies of lignin through multidimensional NMR.

MAIN COLLABORATIONS

- 1995- present:** Prof. Claudio Gualerzi (Camerino, Italy), Prof. Rolf Boelens (Utrecht, The Netherlands). Structural studies on prokaryotic Initiation Factors IF1 and IF3. Studies on antibiotic molecules. NMR analysis of H-NS binding to its target DNA. Financial support in 2002 (PRIN) from the Italian minister of research, MIUR, as local coordinator. Financial support from

EU in 2006 and 2011 to perform the project in the Large Scale NMR Facility of Utrecht.

2004. Prof. Annalisa Pastore (MRC London, UK). Structural studies on lactogen placental hormone. Financial support from Royal Society as visiting professor.

2007-present: Prof. Andrea Battistoni (Rome, Italy), Prof. Mario Piccioli (Florence, Italy). NMR studies on metalloproteins (superoxide dismutase, ZinT, ZnuA).

2008-present: Prof. Jenz Pedersen (Rome, Italy). Study of the mechanism of action of small organic molecules with biological function.

2010-present: Dr. Claudia Crestini (Rome, Italy). Structural characterization of lignin by NMR. Financial support from EU in 2007 and 2012 to perform the project in the Large Scale Facility of Utrecht.

2012. Fertirev, private chemical agricultural company (Torino, Italy). Spectroscopic characterization of humic acids.

2012-present: Prof. Mario Lo Bello (Rome, Italy), Prof. Mario Piccioli (Florence, Italy). NMR studies on glutathione transferase.

2012-present: Prof. Domenico Frezza (Rome, Italy), Prof. Annalisa Pastore (MRC, London, UK). Characterization of the 3RR' region of human immunoglobulines.