

CURRICULUM VITAE ET STUDIORUM

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PERSONAL DATA

Date of birth: April 3th 1958.

Place of birth: Frascati (Rome) Italy.

Citizen: Italy.

Languages: Italian, English

SUMMARY

Medical doctor, specialization in Occupational Medicine; Degree in Biological Sciences, Specialization in Applied Biotechnology and Ph.D. in Biotechnology with more than 30 years of professional and research experience in *biotechnology, biochemistry, research and development, microbiology, immunology, coordination of research and laboratory groups, fund raising.*

Participation in *national and european research projects.*

Familiar with *the working enviroment of National and International authorities with founding procedures for project implementation* (from project idea to evaluation).

Produced more than 90 papers on international journal with referees.

FORMAL EDUCATION

2007: Course in Management of programmes for communicable diseases control in Sub-Saharan Africa, Tropical Medicine, 2007.

2007: Post Graduate Diploma, Tropical Medicine and International Health (Troped core-course), Brescia, Italy.

2003: Specialization in Occupational Medicine, State University of Rome, Rome, Italy.

1999: Degree as Medical Doctor, State University of Rome, Rome, Italy.

1994: Ph.D. degree on Biotechnology, Biotechnology Center, Cranfield Institute of Technology, U.K.

1992: Specialization in Applied Biotechnologies (full marks and honours), State University of Rome, Rome, Italy.

1987: State exam for the qualification at the National Council of Biology.

1983: Degree in Biological Sciences (full marks and honors), State University of Rome, Rome, Italy.

1976: B.A. with full marks (Liceo Scientifico), Rome, Italy.

EMPLOYMENT RECORD

2002 to date: associate professor in Chemistry and Biochemistry, Faculty of Medicine, School of Medicine, State University of Rome Tor Vergata, Rome, Italy.

1993 to 2002: teacher of both Chemistry and Biological Chemistry in the Faculty of Medicine and in master degree in Nursery, Biomedical Laboratory Technicians and Dietology, Radiology, Podology, Orthopaedics.

1990-94: Ph.D. student at the Biotechnology Center, Cranfield Institute of Technology, Cranfield, U.K.

1986 to 2002: technician with research functions at the Department of Experimental Medicine and Biochemical Sciences, Second University of Rome, Rome, Italy.

1985: "Guest Worker" at the Physical Biochem. Laboratory (Chief Prof. J.R. Hobbs), Westminster Medical School, Westminster Hospital, London, U.K.

1984: Post doctoral research assistant at the Institute of Experimental Medicine, National Council of Research, Rome, Italy.

1984: Research associate at the Institute of Pathology, Laboratory of Oncology.

1981-1983: Undergraduate fellow carried out at the E.N.E.A. C.R.E. Casaccia (Rome), Laboratory of Pathology.

AWARDS

1985: Fellowship of Italian Association of Cancer Research (A.I.R.C.).

1985: Fellowship of Italian Society of Immunopharmacology (I.S.I.P.).

2007: Recipient of IdC Foundation Scholarship: "Management of programmes for communicable diseases control in Sub-Saharan Africa", Tanzania.

PATENTS

Patent MI2007A 001163 applied the 08th/06/2007 "Ariolsolfonammidi della beta-carbolina, metodo per prepararle e composizione che le comprende".

Inventors: Topai Alessandra, Rossano Eugenio Claudio, Rech Francesca, Breccia Perla, Cerbara Ilaria, Marini Stefano, Coletta Massimiliano.

Patent owner: C4T a.r.l.

Patent 102016000117469 applied the 21/11/2016. Metodo di diagnostica rapida per la sindrome di Rett.

Inventors: Stefano Marini, Massimiliano Coletta, Chiara Ciaccio, Donato Di Pierro, Diego Sbardella, Grazia Raffaella Tundo, Paolo Curatolo, Augusto Orlandi.

Patent owner: Università degli Studi di Roma Tor Vergata.

WORK EXPERIENCE AND MAIN SCIENTIFIC ACTIVITIES

- 1) Laboratory development and managing.
- 2) Molecular biology techniques
- 3) Microbiology techniques.
- 4) Immunobiosensors for analysis of environmental pollution and food contaminants.
- 5) Cellular immunology
- 6) Immunochemistry
- 7) Cell culture and monoclonal antibody production
- 8) Drug design and HTS
- 9) Activity evaluation of new drugs against parasites.

TEACHING EXPERIENCES

2013 to date: Chemistry and introductory biochemistry course. School of Medicine (english course)

2007 to date: Chemistry and introductory biochemistry course. School of Medicine (Tirane, Albania)

2003 to date: Monoclonal antibody course. Biotechnology Degree

2001 to date: Chemistry and introductory biochemistry course. School of Medicine (Italian course)

2001 to date: Chemistry and introductory biochemistry course. Bachelor degrees (Italian course)

1986-2001: lecturer for Chemistry and introductory biochemistry course. School of Medicine

1995-1998: lecturer for Medical Biochemistry. Nurses course