



Antonio De Flora

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Education and training

1964

Medical Doctor

110/110 cum laude

University of Genova Institute of Biochemistry and of DIMES - Genova - IT

Academic experience

1973 - 2010

Full Professor of Biochemistry

University of Genova DIMES Sect. Biochemistry - Genova - IT

2010 - ONGOING

Contract Professor

University of Genova DIMES Sect. Biochemistry - Genova - IT

2011 - ONGOING

Professor emeritus

University of Genova DIMES Sect. Biochemistry - Genova - IT

Work experience

1988 - 1996

Director C.N.R. Target Project on 'Biotechnology and Bioinstrumentation'

National Research Council - Milano - IT

1998 - 2006

Director C.N.R. Target Project on 'Biotechnology'

National Research Council - Rome - IT

2003 - 2006

President Scientific Committee of ABC

Advanced Biotechnology Center - Genova - IT

2006 - 2012

President of the ABC

Advanced Biotechnology Center - Genova - IT

2009 - 2011

President Italian Society of Biochemistry and Molecular Biology

Italian Society of Biochemistry and Molecular Biology - Rome - IT

1985 - 1990

Member of National Committee for Biotechnology

MIUR - Rome - IT

Language skills

Italian

Mother tongue

English

Proficient

French

Proficient

Teaching activity

Course of Biochemistry (Undergraduate Students), University of Genova, Medical School, School of Biology, School of Pharmacy, School of Biotechnology (1969-2017).

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Coordinator of two Schools of Ph Doctorate, Biochemistry and Biotechnology, University of Genova, Italy.

Research interests

Enzymology, cellular biochemistry, carbohydrate and nucleotide metabolism, genetic deficiency of G6PD, glycobiology, biomedical biotechnology, calcium signalling and cellular calcium-mediated functions, ectobiochemistry.

Grants

2001 - 2002

PRIN Project (MiUR) on Second messengers and cellular calcium

MIUR - IT

Principal investigator

2003 - 2004

PRIN Project (MiUR) on Regulation of cell functions by calcium

MIUR - IT

Principal investigator

2005 - 2010

Research unit leader FIRB Programme on Laboratory of Immunobiotechnology and Functional Proteomics (Center of Excellence)

MIUR - IT

Principal investigator

1985 - 1988

Engineered erythrocytes as carriers and bioreactors

European Union BIOREP Program - BE

Principal investigator

Editorial activity

- Editor-in-Chief, The Italian Journal of Biochemistry, Il Pensiero Scientifico Editore (1989-1999)
- Editor, Biotechnology and Applied Biochemistry (1990-2003)
- Member of the Editorial Board of the Journal of Biological Chemistry (2008-2013)
- Member of the Editorial Board of Messenger (2012-)
- Current referee of many international journals of biochemistry and biotechnology.

Assignments abroad

- Scientific Board (representative of Italy), Evaluation and support of research, ICSU International Council of Scientific Unions, Paris, Life Sciences (1988-2000)
- Member, Committee on Structural Biology: Achieving coordination through cooperation in Europe, European Union (EU), Life Sciences and Technologies (1996)
- Member, Committee on Large Scale Facilities in biological sciences in Europe, EU, Life Sciences and Technologies (1996).

Other professional activities

Delegate of the Genova University at the Interuniversity Consortium on Biotechnology (1987-2011), Chairman of the Scientific Committee of Siena Research Consortium (1992-2003), national expert at Italian Ministries of University and Scientific Research (MiUR) and of Economic Development (M.A.P.) on programmes of scientific and industrial research.

Member, Organization of research, Committee for Foreign Affairs, MiUR, Life Sciences (1988-1993)

Member of several boards and committees of National Research Council (C.N.R.) institutions, consultant of E.U. and MiUR in biochemistry and biotechnology.

President (2009-2011) and Honorary Member (2011-), Italian Society of Biochemistry and Molecular Biology.

Consultant of several international universities and research institutions for career promotion and for research programs. Consultant of prize-awarding international boards (including Nobel and Kyoto prizes).
Recipient of several research grants from national and international agencies.