

PERSONAL INFORMATION

Gaetano Cairo  
 Date of Birth: October 8, 1951 (Codogno, LO)



WORK EXPERIENCE

Full Professor of General Pathology at the Department of Biomedical Sciences for Health of the University of Milan since 1/10/2002  
 Associate Professor of General Pathology at the University of Milan School of Medicine, 1/11/1998-30/09/2002  
 Scientist at the Centre of Cellular Pathology of the National Research Council (CNR) Milan, 1/12/1982-31/10/1998

EDUCATION AND TRAINING

Doctor in Agricultural Sciences (1982, University of Milan)  
 Doctor in Biological Sciences (1975, University of Pavia)

PERSONAL SKILLS

Mother tongue(s) **ITALIAN**

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
<b>ENGLISH</b>	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
<b>FRENCH</b>	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2

Communication skills

**TEACHING ACTIVITY**

**General Pathology and Physiopathology to:**

MD students (1998/1999 to 2006/2007 and 2014/2015-present)

Dental Medicine students (2008/2009 to 2013/2014).

Diagnostic imaging and radiation therapy students (2007/2008 and 2008/2009).

Food science and human nutrition students (2009/2010-present)

Member of the Specialization Schools in Internal Medicine, Nutritional Sciences, Gastroenterology and Digestive Endoscopy, Pharmacology of the University of Milan School of Medicine.

Member of the PhD program in Experimental Medicine of the University of Milan School of Medicine.

Thesis supervisor of several Graduate and Postgraduate Research Students

External Examining: In 2003 and 2008 External Advisor for a PhD thesis at the University of Bath (UK), in 2005 Faculty opponent for a PhD thesis at the Stockholm University and in 2010 at the University of Porto (Portugal).

Organisational / managerial skills

2004-2008: Director, Institute of General Pathology, University of Milan School of Medicine

2011-2015: Member of the Board of Directors of the International Biolron Society

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**SCIENTIFIC ACTIVITY:****Major research interests**

1. Molecular mechanisms controlling iron homeostasis
2. Gene expression under pathological conditions
3. Cellular response to stress

**Publications:** 123 papers in international, peer-reviewed journals, impact factor sum: **751.3**; average: **6.1**; first, last or corresponding author: **565** (SCI, J. Citation Report 2017). Author of 8 chapters in internationally edited books. These publications received more than 7500 citations (as of May 2018). H Index **41**.

Prof Cairo has chaired many scientific sessions in international congresses and has been invited to present his work as invited lecture or selected abstract in national and international meetings.

**Editorial activity:** Associate Editor of *Frontiers in Pharmacology* (section Experimental Pharmacology and Drug Discovery). Member of the Editorial Board of: "Hypoxia", "Open Gastroenterology Journal", "Open Medicine Journal", "World Journal of Biological Chemistry", "Journal of Liver and Clinical Research", "Journal of Biochemistry and Molecular Biology Research", "International Journal of Hematology Research".

*Ad hoc* reviewer for *Nature Reviews Cancer*, *PNAS*; *Blood*; *Ann. Intern. Med.*; *FASEB J.*; *Oncogene*; *J. Leukoc. Biol*; *Gut*; *Haematologica*; *Eur. J. Biochem.*; *Hepatology*; *J. Cell Science*; *J. Hepatology*; *Eur. J. Immunol.*; *Biochemistry*; *Gene*; *Mol. Cell. Biochem.*; *J. Neurochem.*; *BBA*; *Neurobiology of Disease*; *J. Neurosci. Res.*; *J. Cell. Biochem.*; *Int. Immunol.*; *Cell Biol. Toxicol.*; *The International J. Biochem. & Cell Biol.*; *BMC Mol. Biol.*; *Life Sciences* and many others.

**Advisor of charity and funding bodies:** Member of the International Advisory Council (president: Prof. L. Montagnier) of the Portuguese Research Council (JNICT) (1987-1990). Grant evaluator for MIUR, Ministero della Salute and several International Agencies: USA-Israel Binational Science Foundation (2003 and 2006); Austrian Science Fund (1999 and 2002); Israel Science Foundation (2002, 2005 and 2009); Ministry of Science and Culture of Lower Saxony/Volkswagen Foundation (2008); National Health & Medical Research Council of Australia (2005); Philip Morris External Research Program (2007); Foundation for the Advancement of Science and Technology, Tucson, Arizona (1997). In 2001 and 2005 member of an international panel evaluating the project "Regulatory mechanisms of cell differentiation and cell growth" financed by the Austrian Science Fund. Since 2004 member of the Healthcare Council of "The Gerson Lehrman Group" (USA).

**Conference Organization:** Coordinator of the World Congress on Iron Metabolism 1999; member of the Organizing Committees of: XI Congress of the Association of Cell Biology and Differentiation, Milan, 1993 and European Iron Club 1994 and 2014. Member of the Scientific Committee of World Congress on Iron Metabolism, Cairns, Australia, 2001; 4th Congress of the International Biolron Society (IBIS), Vancouver; 5th Congress of IBIS, London 2013; First Internat. Conference on Metal Chelation in Biology & Medicine, Bath, UK, 22nd Int. Conf. on Chelation, Paphos, Cyprus 2013. Workshop organizer at the Int. Congress of Stress, Budapest, 1997. Organizer of the international workshop "Erythropoietin, a multifaceted hormone", Milan, 2007.

**Professional Memberships:** Member of the American Society of Biochemistry and Molecular Biology (ASBMB), International Biolron Society (IBIS), American Society of Hematology (ASH), New York Academy of Sciences, European Iron Club, Italian Society of Cell Biology and Differentiation.

**Peer-reviewed competitive grants awarded**

**International:** Principal Investigator of a Project funded by the World Anti Doping Agency (2011-2012).

Principal Investigator of a Project funded by the Partnership for Clean Competition (2017).

**National:** Scientific Coordinator or Principal Investigator of Research Unit of COFIN/PRIN projects financed by the Ministry of Education, University and Research (MIUR) (1999/2001, 2000/2002, 2003/2004, 2005/2006, 2007/2008, 2008/2009, 2012/2015).

Principal Investigator of Research Unit in the FIRB Project financed by the MIUR (2002/2005).

Scientific Coordinator or Principal Investigator of Research Unit of Projects financed by the "Italian Association for Cancer Research (AIRC) (2001/2002 2002/2003, 2004/2005

Personal information

I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

I authorize, according to D.lgs 14/03/2013 n. 33 concerning transparency, in case of conferment of the position and of the fellowship, the publication of this curriculum in the web site of Università degli Studi di Milano in the section "Amministrazione trasparente", "Consulenti e collaboratori".

Date November 7, 2018

Signature

