



Name: Federico Bussolino, M.D., P.h.D.

Date of Birth: June 7th, 1954

Status: Married

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RESUMÉ

Research Performance: Research Funding available (up to 12/2015): 1.200 KEuro € from Italian and European research public and private institutions. Significant consortia building across different disciplines and faculties, and leadership of grant applications. Publications: 265 international peer reviewed papers; H index(ISI): 64. Numerous oral presentations at national and international meetings and conferences. Three patents. Award from the "Lega Italiana contro i Tumori" (2004). 36 PhD students trained, and 12 of them continue to be involved in basic and translational activities with high success.

Leadership: Co-founder of 2 SMEs. Chair of the Department of Oncological Sciences (2003-2007) and Scientific Director of Institute for Cancer Research at Candiolo (2009-2012). Co-founder of PhD Programme: Complex Systems in post-Gnomic Biology. President of the "Evaluation Board of the University of Torino."

PRESENT POSITION

- Since 01/12/1994: **Full Professor of Biochemistry**, Medical School, University of Torino
- Since 01/01/2009: **Director of the Lab of Vascular Oncology** of the Department of Oncology at IRCC
- 2013-2015: **Vice-Director of Department of Oncology** of University of Torino

EDUCATION

- 05/12/1985: **Specialist** in Nephrology and Immunopathology (equivalent to **Ph.D.**) at the University of Torino (topic: role of endothelial cells in inflammation)
- 01/04/1980: **M.D.** University of Torino

PREVIOUS POSITIONS:

- 15/3/1991- 30/11/1994: **Assistant Professor** in Biochemistry by an Italian panel of 3 Full Professors in Biochemistry
- 15/06/1986: **Post-doc** at Department of Genetics Biology and Biochemistry of the University of Torino (Prof. A. Bosia) (topic: angiogenesis)
- 1/10/1978- 30/06/1980: **EMBO Fellowship** at Inserm (Paris) (F), U25 (supervisor J.F. Bach) and U200 (supervisor: J. Benveniste) (topic: acute inflammation)

VISITING

- 09/10/1984-01/06/1985: Visiting Scientist at ETH Zentrum, Zurich (Switzerland), Department of Biochemistry (Prof. H. Lutz) (topic: removal of old red cells by reticulo-endothelial system)
- 01/02/1983-10/12/1983: Visiting Scientist at Erfurt University (D), Department of Biochemistry (Prof. U. Till) (topic: endothelial cells and shear stress)

ACADEMIC APPOINTMENTS AT UNIVERSITY

- 01/11/2007-31/1/2009: Elected **President of the " Evaluation Board** of University of Torino (*During this period the Board firstly organized bibliometric parameters to evaluate human sciences*)
- 05/05/2003-31/10/2006: Member of the "Evaluation Board of University of Torino" by nomination of the Rector (Prof. R. Bertolino)
- 01/11/2002-31/1/2008: **Funder and elected Chair of the PhD Programme "Complexity in post-genomic biology"** (<http://dott-scsv.campusnet.unito.it/do/home.pl>) (*This interdisciplinary Programme was the first in Italy and one of the first in Europe aimed at offering scientific training, research projects and perspectives in the area of post-genomic biology by using combined computational, engineering and experimental approaches with theoretical modelling*)
- 01/11/2002-31/10/2007: **Director of the Department of Oncological Sciences** (*Faculty and Staff: 27 members; 60-80 PhD Students and post-docs; averaged budget/year: 8000 KEuro*)

PROFESSIONAL ACTIVITIES

- 01/01/2012-31/12/2014: Member of the Scientific Board of Armenise Foundation (Boston)
- 01/01/2011-31/12/2014: Member of the Scientific Board of Italian Society of Biochemistry and Molecular Biology
- 01/01/2009-30/04/2012: **Scientific Director of the Basic Research Branch of the Institute for Cancer Research at Candiolo.** (*The Institute is based on a deal of the University of Torino and a private Charity, FPRC. The basic research branch includes 16 independent Labs and 180, Budget: ~15000 KEuro/yr*)
- 01/01/2004-31/12/2008: Member of the Scientific Board of Italian Society of Cancerology
- 01/01/2003-31/12/2007: Member of the Scientific Board of "Associazione per lo sviluppo scientifico e tecnologico del Piemonte (ASP)"
- 01/11/2001-31/10/2005: Member of the Board of International School of Advanced Study of University of Turin;
- 10/12/1999-31/12/2008: **Chair of Molecular Angiogenesis Division at Institute for Cancer Research and Treatment** (University of Torino);
- 01/01/1998-01/09/1998: Selected for chairing a Task Force of the Ottolenghi Foundation (Torino) to organize an Institute for Neuroscience Research (www.ottolenghi.unito.it;

Patent

- BUSSOLINO F, MARCHIO, S. (2003). A novel mechanism of HIV-1 entry into host cells and peptides inhibiting this mechanism. 02020649.6, Università di Torino
- BUSSOLINO F, MARCHIO, S. (2006). Peptide metastasis specific PCT/EP2007/010428. Università di Torino
- BUSSOLINO F, MARCHIO, S. (2012). Inhibitors of alpha6/E-cadherin complex. EP12182994. Università di Torino

Major contributions to early careers of excellent researchers

- Sara Zanivan**: PhD in my lab, then Post-doc in Mann' Lab (Max-Plank Institute of Biochemistry), now junior PI at Beatson Institute (Glasgow)
- Ilaria Cascone**: PhD in my lab, then Post-doc in Camonis Lab (Institut Curie, Paris), now Associated Professor. Université Paris Est (F)
- Enrico Giraud**: PhD in my lab, then Post-doc in Hanahan Lab (UCSF at San Francisco), now Assistant Professor at Department of Pharmacy, University of Torino
- Marco Arese**: PhD in my lab, then Post-doc in Griffin Lab (NYU in New York), now Associated Professor Department of Oncology, University of Torino

- **Mattia Pelizzola:** PhD in my lab, then Post-doc in Yale University, now Team Leader at Istituto Italiano di Tecnologia (Genova, I)
- **Andrea Picco:** PhD in my Lab, now post doc in Kaksonen's group at EMBL. Winner of Keplero prize of European Academy of Sciences, 2010
- **Giorgio Seano:** PhD Student in my Lab, now post Doc in Jain's Lab (Harvard University).
- **Luca Primo:** Post-doc in my Lab, now Assistant Professor at Department of Biomedical Sciences, University of Torino
- **Stefania Mitola:** Post-doc in my Lab, now Assistant Professor at Department of Biomedical Sciences, University of Brescia
- **Alberto Rissone:** PhD Student in my Lab, now post doc at NIH, Genetics Molecular Biology Branch (Bethesda)
- **Simona Pavan:** PhD Student in my Lab, now post doc at Department of Biomedicine , University of Basel (Switzerland).
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Industrial Appointments

2002: Co-Founder of Creabilis Therapeutics spa. (CT327 is currently in a Phase IIb clinical trial for Psoriasis)

2007: Co- Founder of Apavadis Biotechnology srl