

CURRICULUM VITAE
Dr. Giovanni Migliaccio

Degree:

| | Date |
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| PhD in Biological Sciences (110/110 cum laude) Zoology Institute, University of Naples, Naples, Italy | 1972-76 |

Positions:

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| Researcher, Hematology Laboratory, Istituto Superiore di Sanità, Rome - Italy | 1984-89 |
| Researcher, Cell Biology Laboratory, Istituto Superiore di Sanità, Rome - Italy | 1989-93 |
| First Researcher, Cell Biology Laboratory, Istituto Superiore di Sanità, Rome - Italy | 1993-98 |
| Director of Research, Cell Biology Laboratory, Istituto Superiore di Sanità, Rome - Italy | 1998-2004 |
| Director of Research, Department of Cell Biology and Neuroscience, Istituto Superiore di Sanità, Rome – Italy | from 2004 |

Scientific Education:

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| Associate Researcher International Center for Hematology and Oncology, University of Naples, Naples, Italy | 1976-83 |
| Visiting Scientist, Hematology Laboratory, Istituto Superiore di Sanità, Rome – Italy | 1983-84 |
| Visiting Scientist; Division of Hematology, Department of Medicine University of Washington, Seattle WA USA | 1987-88 |
| Associate Member; Lindsey F. Kimball Research Institute The New York Blood Center, New York, NY USA | 1988-93 |

Special Positions:

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| Head of the Section of Cellular Physiology, Cell Biology Laboratory, Istituto Superiore di Sanità, Rome - Italy | 1995 to 2004 |
| Expert of the Good Laboratory Practices on Cell Culture for the Ministero della Sanità | from 1997 |
| Member of the drafting group for the guidelines on Cell Therapy for the Istituto Superiore di Sanità | 1997 |
| Member of the drafting group for the guidelines on Cell Therapy of the Bioethical Committee of the Cabinet of the Prime Minister | 1999 |
| Member of the drafting group for the Cell Therapy Guidelines for EMEA, London UK | 1999-2000 |
| Member of the Sub-Committee on Clinical Experimentation of the Italian Medicines Agency (AIFA) | from 2001 |
| Head of the drafting group for the Guidelines on Cell Therapy for the Istituto Superiore di Sanità | 2003 |
| Member of the Cell Therapy Group of the European Pharmacopeia | 2003 to 2004 |
| Member of the Cell Product Working Party of the European Medicines | |

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| Agency (EMA, London UK) | 2005-2012 |
| Member of the commission for the authorization of Phase I clinical studies on Innovative Medicinal Products, Istituto Superiore di Sanità | 2005-2011 |
| Head of the section "Gene and Cell therapy" Istituto Superiore di Sanità | from 2004 |
| Member of the Committee for Orphan Disease's Clinical Trial funding, AIFA | 2006-2008 |
| Member of the Committee "Stem Cells from Umbilical Cord Blood" Health Ministry, Rome Italy | 2007 |
| Advanced Medicinal Product's Expert for the Consiglio Superiore di Sanità, Rome, Italy | from 2008 |
| Member of the Committee for the Advanced Therapies (CAT), EMA London | 2009-2012 |
| Chair of the Cell Therapy Working Group for the EQDM (European Pharmacopeia) | 2010-2014 |
| Scientific Director for the European Research Infrastructure EATRIS | 2011-2012 |

Teaching Responsibilities

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| Integrative module "Cell Therapies" to Histology, University "G. D'Annunzio", Faculty of Medicine and Surgery, Chieti, Italy | 2003 |
| Module "Application of Biotechnologies in Medicine" for the Continuing Education Program in Medicine, Italian Health Ministry | 1999 to 2003 |
| Module "Cell Therapy and Regulation" for the course "Stages in Hematology", Institute of Hematology and Medical Oncology, University of Bologna, Italy | 2001 to 2003 |
| Module "Cell therapy" for the: Master dell' Università di Tor Vergata "European School for Scientific and regulatory assessment of New Medicines" Villa Mondragone Frascati | 2007 |
| Module "Master di secondo livello in metodologie farmaceutiche industriali" Università "La Sapienza" | 2008-2011 |
| Module "Corso di Perfezionamento in Medicina Rigenerativa" c/o Centro di Medicina Rigenerativa Università di Modena e Reggio Emilia | 2011 |

Grants:

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| Head of the project "Identification of lineage specific regulatory sequences in the hematopoietic system" Progetto Finalizzato Ingegneria Genetica, CNR | 1992-1995 |
| Head of the project "Ex-vivo amplification of human B- and T- cells for supportive or genetic immunization of HIV positive subjects"; Progetto Nazionale AIDS | 1994-1998 |
| Head of the project "Large scale production of human hemopoietic progenitors and cells in vitro" Primo Progetto di Ricerca "Sangue", Fondi Art. 12 bis, comma 6, D.Lgs.229/99 del Ministero della Sanità | 1996-1997 |
| Partner of the CEE ERBBIO4CT960646 Contract "Bioreactor Production of Human Hemopoietic Cells" Progetto BIOTEC- CEE | 1997-1999 |
| Head of Section in the Project "Studies for the optimization of the organ and tissue | |

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| transplants.” Fondi Art. 12 bis, comma 6, D.Lgs.229/99 del Ministero della Sanità | 1999-2000 |
| Head of the Project “The plasticity of post-natal hemopoietic stem cells” Fondi Art. 12 bis, comma 6, D.Lgs.229/99 del Ministero della Sanità | 2002-2003 |
| Head of Unit “Optimization of the ex-vivo expansion of human hematopoietic stem and progenitor cells” Progetti FIRB, Ministero della Istruzione, Università e Ricerca. | 2002-2005 |
| Head of Unit “Role and function of TRAIL receptors in the erythroid differentiation” Progetti FIRB, Ministero della Istruzione, Università e Ricerca. | 2007-2011 |
| PI of the project “Italian Network of Oncology BioBanks (RIBBO) for Alliance against Cancer (ACC) Special Program for Oncology Research 2006 | 2007-2008 |
| Head of Unit for the project “Italian Network for Clinical trials and GMP structures for Tumours Biotherapies” for Alliance against Cancer (ACC) Special Program for Oncology Research 2006 | 2007-2011 |
| Head of Unit for the project “Integrated Oncology Program – Theme 4: “Cellular Pharmaceuticals, vaccines and innovative biotherapies against cancer” | 2007-2011 |

Publications

More than 188 publications in Peer Reviewed Journals and Books

List of Publications in 2010-2011

- [1] Varricchio, L. et al. (2011). The dominant negative β isoform of the glucocorticoid receptor is uniquely expressed in erythroid cells expanded from polycythemia vera patients. *Blood* 118, 425-436.
- [2] Capone, F., Lombardini, L., Pupella, S., Grazzini, G., Costa, A.N. and Migliaccio, G. (2011). Cord blood stem cell banking: a snapshot of the Italian situation. *Transfusion*
- [3] Botta, R. and Migliaccio, G. (2011). Cell-based treatments: advanced therapies and transplants. *Transplant Proc* 43, 338-40.
- [4] Belardelli, F., Rizza, P., Moretti, F., Carella, C., Galli, M.C. and Migliaccio, G. (2011). Translational research on advanced therapies. *Ann Ist Super Sanita* 47, 72-78.
- [5] Schneider, C.K. et al. (2010). Challenges with advanced therapy medicinal products and how to meet them. *Nat Rev Drug Discov* 9, 195-201.
- [6] Migliaccio, G., Sanchez, M., Masiello, F., Tirelli, V., Varricchio, L., Whitsett, C. and Migliaccio, A.R. (2010). Humanized culture medium for clinical expansion of human erythroblasts. *Cell Transplant* 19, 453-69.
- [6] Migliaccio, G. and Migliaccio, A.R. (2010). Getting personal with B19 parvovirus. *Blood* 115, 922-3.

- [8] Kozma, G.T. et al. (2010). Dynamic regulation of Gata1 expression during the maturation of conventional dendritic cells. *Exp Hematol* 38, 489-503 e1.
- [9] Ghinassi, B., Martelli, F., Verrucci, M., D'Amore, E., Migliaccio, G., Vannucchi, A.M., Hoffman, R. and Migliaccio, A.R. (2010). Evidence for organ-specific stem cell microenvironments. *J Cell Physiol* 223, 460-70.