

Pier Paolo Di Fiore M.D. Ph.D.

Curriculum Vitae

Education

- 1981 - M.D., summa cum laude, University of Naples, 2nd Medical School, Naples, Italy
- 1984 - Board in Oncology, summa cum laude, University of Naples 2nd Medical School, Naples, Italy
- 1988 - Ph.D. in Molecular and Cellular Biology and Pathology, University of Naples, 2nd Medical School, Naples, Italy

Brief Chronology of Employment

- 1977-1984 Pre- and Postdoctoral Fellow, Istituto di Patologia Generale, University of Naples, 2nd Medical School
- 1982-1984 Assistant, Clinical Investigations, Department of Clinical Microbiology, University of Naples, 2nd Medical School
- 1984-1987 Visiting Fellow, Laboratory of Cellular & Molecular Biology, National Cancer Institute, Bethesda, MD, USA
- 1987-1988 Visiting Associate, Laboratory of Cellular & Molecular Biology, National Cancer Institute, Bethesda, MD, USA
- 1988-1994 Visiting Scientist, Laboratory of Cellular & Molecular Biology, National Cancer Institute, Bethesda, MD, USA
- 1994-1995 Chief, Section of Molecular Biology, Laboratory of Cellular & Molecular Biology, National Cancer Institute, Bethesda, MD, USA
- 1995-2001 Division Director, Department of Experimental Oncology, European Institute of Oncology, Milan, Italy.
- 2001-2009 Scientific Director, The FIRC Institute for Molecular Oncology, Milan, Italy.
- 2009-present Director, Program of Molecular Medicine, European Institute of Oncology, Milan, Italy.
- 2009-present Member, The FIRC Institute for Molecular Oncology, Milan, Italy.

Academic Positions held

- 1983 Lecturer in Experimental Oncology, University of Naples, 2nd Medical School, Naples, Italy

- 1990-1991 'Contract Professor' of General Physiology, University of Genova, Italy, Faculty of Biological, Mathematical and Physical Sciences, Genova, Italy
- 1991-1992 'Contract Professor' of Experimental Oncology, University of Naples, Research Doctorate Program, II Medical School, Naples, Italy
- 1991-1992 'Contract Professor' of General Physiology, University of Urbino, Faculty of Pharmacology, Urbino, Italy
- 1992-2000 Associate Professor of Immunopathology, University of Bari Medical School, Italy
- 2000-present Full Professor of General Pathology, University of Milan, Medical School, Milan, Italy.
- 2004-present Founder and Professor: European School of Molecular Medicine (www.semm.it).
- 2013-present Provost to interdisciplinary programs, University of Milan, Italy.

Honors and Awards

- 1984-1987: Fogarty Fellowship, NIH.
- 1993: Technology Transfer Award, National Cancer Institute, NIH.
- 1994: Technology Transfer Award, National Cancer Institute, NIH.
- 1997: Armenise-Harvard Foundation award.
- 1998: Ferrero Foundation award.
- 1998: EMBO elective membership.
- 2000: "Chiara D'Onofrio" Prize from the Italian Federation of Life Sciences.
- 2001: "Golfo d'Oro" prize.
- 2001: Swiss Bridge award.
- 2002: "Guido Venosta" prize for Cancer Research of the Italian Foundation for Cancer Research.
- 2003: "Guglia" prize.
- 2003: Sisal prize.
- 2004: Prize from the "League of human rights".
- 2005: Prize from the "Italian League against Cancer".
- 2007-present: President Associazione Biologia Cellulare e Differenziamento (*The Italian Association of Cell Biology*).
- 2010: Elected Fellow European Academy of Cancer Sciences.
- 2010: Elected Fellow Academia Europaea.
- 2012: Colin Thomson Memorial Medal
- 2013: Elected Fellow Accademia dei Lincei

Editorial Boards

- The Journal of Cell Biology – Senior Editor.
- Cell – Associate Editor
- Editorial Boards: Experimental Cell Research, Molecular Oncology, Targeted Proteins Database UPS Virtual Faculty, The Open Endocrinology Journal, Small GTPases, Genes & Cancer, eCancerMedicalScience.

- Editorial Boards, past memberships: The Journal of Cell Biology, Cancer Research -An Encyclopedic Reference-, Oncology Reports, Current Drug Targets-Immune, Endocrine & Metabolic disorders, CBD Ubiquitin.

Committees

- 1997-2000: Scientific Committee, Italian Association for Cancer Research.
- 2000-2003: Scientific Advisory Board, Cancer Research Ventures, London, UK.
- 2001-2006: Scientific Committee, Association for International Cancer Research (AICR).
- 2001-present: Scientific Advisor, INSERM
- 2002-2005: Italian scientific advisory committee, Armenise-Harvard Foundation
- 2006-present: Scientific Advisory Board, Umberto Veronesi Foundation for the progress of science.
- 2007-2011: Scientific Director Fondazione Ottavio e Pupa Ferrari.
- 2007-present: Chairman, Scientific Advisory Board of the Italian Association for Cancer Research.
- 2007-present: Scientific Advisory Board, American-Italian Cancer Foundation.
- 2009-present: Scientific Advisor, CABIMER, Seville, Spain.
- 2009-present: Scientific Advisor (review Panel) Harvard Medical School Program in Translational Research and Information.
- 2011-present: Advisory Board COSBI, the Microsoft center for computational and system biology.
- 2013: Scientific Review Board Pasteur Institute-AERES, France.

Patents and Biotechnological Activities

1. Polinucleotides and substrate for the epidermal growth factor receptor kinase (eps8). US Patent 5,378,809
2. DNA encoding human and murine eps15, a substrate for the epidermal growth factor receptor. US Patent 5,487,979
3. Intracellular interactors and binding specificity of the EH domain. Patent deposited (Italy). Serial MI97A 000868.
4. Substrate for the epidermal growth factor receptor kinase. US Patent 5,717,067
5. A substrate for the epidermal growth factor receptor kinase. WO Patent 1,994,004,571
6. Antibodies drawn to the eps15 substrate for epidermal growth factor kinase. US Patent 5,872,219
7. Substrate for the epidermal growth factor receptor kinase, antibodies thereto and methods of use thereof. US Patent 5,610,018
8. Intracellular interactors and binding specificity of the EH domain. WO Patent 1,998,046,744
9. Mammalian ubiquitin-isopeptidases that control cell proliferation. WO Patent WO/1998/048,020
10. PTC/EP2005/010153 - "Cancer Markers".

11. PTC/GB2007/001599 - "Materials and methods Relating to Cancer Diagnosis, Prognosis and Treatment based on Determination of Novel Molecular Markers in Tumours".
 12. PTC/GB2007/001343 - "Cancer Markers".
 13. Cancer Markers. US Patent 7,901,876
 14. Cancer Markers. US Patent App. 12/576,812
 15. Cancer Markers. Application n. EP 10006758.6
 16. Cancer Markers. Application n. EP 05787481.0
 17. Cancer Markers. EP Patent 2,249,155
 18. Cancer Markers. EP Patent 1,802,971
 19. Cancer Markers. WO Patent WO/2008/125,791
 20. Cancer Markers. WO Patent 2,006,037,462
 21. Cancer Markers. WO Patent WO/2006/037,462
 22. Cancer Markers. CA 2581041
 23. Materials and methods relating to cancer diagnosis, prognosis and treatment based on the determination of novel molecular markers in tumors. WO Patent 2,007,132,156
 24. A method to identify asymptomatic high-risk individuals with early stage lung cancer by means of detecting miRNAs in biologic fluids. WO Patent 2,012,089,630
 25. A method to identify asymptomatic high-risk individuals with early stage lung cancer by means of detecting miRNAs in biologic fluids. Application n. PCT/EP2011/073868
- Founder of a Biotech Holding (Genextra) controlling 4 Biotech companies (Congenia, DAC, Intercept, Thetis).

Memberships

1. American Association for Cancer Research.
2. American Association for the Advancement of Science.
3. New York Academy of Sciences.
4. European Molecular Biology Organization.
5. American Society for Cell Biology.
6. Italian Association for Cell Biology and Differentiation (ABCD).
7. Italian Federation of Life Sciences (FiSV).
8. European Academy of Cancer Sciences.
9. Academia Europaea.

Research Interests

1. Molecular mechanisms of cellular transformation, with particular emphasis to signal transduction and signal attenuation by growth factor receptors under normal and neoplastic conditions, and in stem cells.
2. Translating the knowledge in basic molecular oncology into clinical tools for the amelioration of cancer patient management.

Metrics (as of November 2013)

PubMed listed papers: 224

Book Chapters: 24

Total IF (source ResearchGate): 2392.

Citations (source Google Scholar – all years): 22827.

Citations (source Web of Knowledge – last 20 years): 14702.

H-index (source Google Scholar – all years): 87.

H-index (source Web of Knowledge – last 20 years): 74.