

CURRICULUM VITAE

Name: Marco Crescenzi

Date and Place of Birth: April 12, 1958; Rome, Italy

Education: 1983 - M.D. (*cum laude*), "Sapienza" University of Rome

1991 - Ph.D. (Pediatric Pathophysiology),
"Sapienza" University of Rome

Brief Chronology of Employment and Scientific Interests:

- 1983-86: Institute of Clinica Medica III, Cattedra di Allergologia ed Immunologia Clinica.
Clinical rounds in Internal Medicine.
Supervisor Dr. M. Fiorilli: biology, pathogenesis and treatment of primary immunodeficiency diseases; pathogenesis and radiation sensitivity in ataxia-telangiectasia; establishment of lymphoblastoid cell lines from leukemia cells.
- 1987: Howard Hughes Medical Institute, Dept. of Hematology, St. Louis, Missouri. Supervisor Dr. S. J. Korsmeyer: development of a sensitive assay (polymerase chain reaction) for the detection of rare malignant cells in lymphoma patients.
- 1988-90: National Cancer Institute, Laboratory of Cellular and Molecular Biology, Bethesda, Maryland. Head: Dr. S. A. Aaronson. Development of a cDNA cloning and expression vector; inhibition of cell proliferation by expression of MyoD.
- 1990-93: University of Rome "La Sapienza", Dept. of Cellular and Developmental Biology. Reactivation of the cell cycle in terminally differentiated cells; interference of *myc* with skeletal muscle differentiation.
- 1993-97: Consultant, Regina Elena Cancer Institute, Molecular Oncogenesis Laboratory, Rome, Italy. Reactivation of the cell cycle in terminally differentiated cells; gene therapy of tumors through expression of p53.
- 1997-: Senior Scientist, Istituto Superiore di Sanità, Rome.
Reactivation of the cell cycle in terminally differentiated cells; protein mass spectrometry and proteomics; DNA repair defects in tumorigenesis and response to chemotherapy in animal models; characterization of genes involved in DNA mismatch repair.

Teaching

- 2006-2011 Contract Professor of Oncology, University of Rome "Tor Vergata"
- 2006-2011 Professor in the Master "Communication of Science", University of Rome "Sapienza"
- 2014- Contract Professor of Methodology of Scientific Research, University of Rome "Tor Vergata"
- 2017- Contract Professor of Scientific Method and its applications in biology, "Sapienza" University of Rome

Honors and Other Special Scientific Recognition:

- 1987: Fellowship, Associazione Italiana Ricerca sul Cancro, Milan, Italy.
- 1988-90: Fogarty International Fellowship, Bethesda, MD, USA.
- 1991-92: Post-doctoral fellowship, University of Rome, Italy
- 2010-16: Direction, Section of Biomarkers in Degenerative Diseases, Dept. of Cell Biology and Neurosciences, Istituto Superiore di Sanità
- 2016-: Direction, Core Facilities, Istituto Superiore di Sanità
- 2017-: Member, Medical Academy of Rome

Selected Bibliography

Cell cycle and terminal differentiation

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Protein mass spectrometry

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Chem.

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Oncology

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