

CURRICULUM VITAE

Prof. Vittorio Colizzi

Birth

- 7 February 1949, Rome, Italy

Addresses

- Laboratory of Immunology & Molecular Pathology, Department of Biology, Faculty of Sciences, University of Rome Tor Vergata, Via della Ricerca Scientifica, 00133 Roma (tel. Lab. 39-06-72594237, Fax 72594224, E-mail: colizzi@uniroma2.it)
- Biotechnology Science Park, University of Rome Tor Vergata, Via della Ricerca Scientifica, 00133 Roma (tel/fax 39-06-72594037)

Foreign languages

- English (good) and French (good)

Official Degrees

- 1973 Medical Degree with honor, University of Rome "La Sapienza"
- 1976 Specialist Degree in Infectious Diseases, University of Rome "La Sapienza"
- 1978 Specialist Degree in Public Health & Hygiene, University of Pisa
- 1987 Degree of Doctor of Philosophy in Immunology, Brunel University, Uxbridge, England

Fellowships

- 1977 World Health Organization (WHO), Department of Oral Microbiology and Immunology, Guy's Hospital, London, U.K.
- 1980 Associazione Italiana Ricerca Cancro (AIRC), Clinical Research Centre, Division of Immunological Medicine, Harrow, U.K.
- 1982-84 European Molecular Biology Organization (EMBO), Clinical Research Centre, Division of Immunology, Harrow, U.K.

Employments

- 1974-75 Research Fellow at the Division of Immunology, Institute for Cancer Research "Regina Elena" Rome.
- 1976-81 Assistant Professor, Institute of Microbiology, Faculty of Medicine, Pisa University.
- 1982-86, Associate Professor of Immunology, Head of the Laboratory of Immunology, Institute of Microbiology, Faculty of Medicine, Pisa University.
- 1987-1999, Associate Professor of Immunology, Head of the Laboratory of Immunochemistry & Molecular Pathology, Department of Biology, Faculty of Sciences, University of Rome "Tor Vergata".

- 1998-now, holder of the UNESCO Chair in Interdisciplinary Biotechnology, University of Rome "Tor Vergata".
- 2000-now, Full Professor of General Pathology, Head of the Laboratory of Immunochemistry & Molecular Pathology, Department of Biology, Faculty of Sciences, University of Rome "Tor Vergata".
- 2003-2005, Coordinator of the UNESCO Vaccine Project, Centre Integre de Recherches Biocliniques d'Abidjan, Ivory Coas, Africa;
- 2005-2006, Head of the Italian-Cameroon AID Programme at the International Research Centre "Chantal Biya", Yaoundé, Cameroon, Africa.

Grants obtained as Principal Investigator

- 1982-85 Joint Project C.N.R.-M.R.C. (Consiglio Nazionale delle Ricerche, Italy - Medical Research Council, U.K.) Microbial interaction with suppressor cell circuits".
- 1985-88 World Health Organization (WHO) "Vaccine development" Immunology of Tuberculosis (IMM/TUB) Programme.
- 1988-91 Joint Project CNR-MRC (Consiglio Nazionale delle Ricerche - Medical Research Council) "HIV interaction with the autoreactive T cell response"
- 1988-94 Target Oriented Project on Biotechnology and Bioinstrument (C.N.R.) "T cell epitopes in the immune response to Tuberculosis".
- 1989-96 AIDS Project, Italian Minister of Health "Structural and functional analysis of HIV gp120 and T-T cell interaction in AIDS immunopathogenesis".
- 1990-95 Target Oriented Project on Factors of Diseases (C.N.R.) "*M. tuberculosis* and HIV coinfection"
- 1992-95 EU Programme on Biomedicine & Health Research, AIDS section (BIOMED)
- 1993-95 "Galileo Project", French-Italian Cooperation
- 1996-98 Tuberculosis Project, Italian Minister of Health "*M. tuberculosis* gene expression and protective role of $\gamma\delta$ T cells".
- 1997-99 EU-Copernicus Project "New methods for detection of CD4 T cell depletion by apoptosis in AIDS and implication for therapeutic strategies"
- 1996-98 AIDS Project, Italian Minister of Health "Role of $\gamma\delta$ T cells in HIV infection".
- 1998-2000 EU-FSE ADAPT Project "Development of the biotechnological Science Park".
- 2000-now, ISS Project on Neonatal Vaccine Development.
- 2003-now UNESCO Programme "Families First Africa".
- 2005-now EU Action Plan for Libya.

Products and Patents

- Biostat: a mathematical programme for application in Immunology (software and guidance).
- Procedure for vaccine preparation based on identification of aminoacid sequences in HIV antigens showing similarity with protein sequences of human organism. Patent N. RM 92 A 000157, deposited 6/3/92.
- Diagnostical method for detection of tuberculosis infection. Patent international classification : A61B; N. RM 92 A 000336, deposited 5/5 1992.

- Diagnostical method based on Peptide-Elisa for detection of *H.pylori* infection. Patent N. RM 96 A 000805, 1996.
- Method for identification of antigenic peptides and relative usage for the formulation of a specific HIV-1 vaccine procedure for vaccine preparation based on identification of amino acid sequences in HIV antigens showing similarity with protein sequences of human organism. Patent N. RM 2004 A000066, deposited 9/2/2004.

Administration & Scientific Committees

- Scientific Societies: Gruppo di Cooperazione in Immunologia, Italian Society for Microbiology, Italian Society for Immunofarmacology, British Society for Immunology, European Association for Microbial Immunology & Biotechnology.
- Administration: C.N.R. & UNESCO Committee for AIDS, Administration Council of University of Tor Vergata, Coordinator of Tor Vergata Biotechnology Science Park, University & Research Worker Union C.G.I.L.
- President (Chairman of the Board) of the following institutions: Azienda per il Diritto allo Studio dell'Università di Roma "Tor Vergata" (A.DI.S.U.), and Consorzio Iniziative per la Promozione dell'Occupazione nella Tecnologia, la Scienza e l'Innovazione (I.P.O.TE.S.I.).
- Director of the UNESCO International Centre for AIDS and other Emerging Infections, Hospital "L. Spallanzani, Rome (1998-2002).

Specific activity in Africa

- European Union Network on Tuberculosis: Lusaka, Zambia, 1999 (participant to Network and discussant to a specific meeting held in Lusaka)
- HIV Unesco Vaccine Project, Ivory Coast, 2000-2001 (responsible of the project)
- Italy-OMS project on HIV in Ivory Coast: collaborating at the set up of the project with the local office OMS and with the UTL of Burkina Faso.
- Italy-Morocco cooperation between the University of Rome Tor Vergata and the National Institute of Hygiene of Rabat, Morocco (Project Director).
- UNESCO programme "Families First Africa, 2003-now (scientific coordinator).
- European Union Action Plan for the HIV nosocomial infection in Benghazi, Libya, 2005 (Project Director)
- International Research Centre "Chantal Biya", Yaoundé, Cameroon, 2005-now (head of the ISS Cooperation Programme Italy-Cameroon).

Scientific Publications

- Subjects of the scientific activities are related to Infectious Diseases and Immunology.
- More than 200 scientific publications on international peer review journal (Nature, Journal of Immunology, Infection and Immunity, Journal of Infectious Diseases, Immunology, Clinical Experimental Immunology, AIDS, AIDS and Human Retrovirus Journal, etc.)
- More than 10 chapters on books and review articles in Italian, English, French and Russian.

Information and letter of presentation

- Prof. Alessandro Finazzi Agrò, Rector of University of Rome Tor Vergata, Rome, Italy (rettore@uniroma2.it).
- Prof. Fulvio Esposito, Rector of the University of Camerino, Camerino, Italy (rettore@unicam.it).
- Prof. Luc Montagnier, World AIDS Research and Prevention Foundation, UNESCO, Paris, France (V.Nunez-valladares@unesco.org).
- Prof. Robert Gallo, Institute of Human Virology, University of Maryland, Baltimore, USA, (coleman@umbi.umd.edu).
- Prof. Marek Zembala, Rector, Medical School, Jagellonian University, Cracow, Poland (tel. 0048-603859870).