



Vincenzo Barnaba (Vincenzo Barnaba) carried out his scientific research mainly at the Dipartimento of Internal Medicine of Roma "La Sapienza" – Medicine Faculty. Vincenzo Barnaba has been active as an immunologist for 25 years. The group lead by Vincenzo Barnaba has a long-standing interest in the pathogenesis of immune-mediated diseases, including autoimmune and viral (hepatitis viruses, HIV) diseases. In particular, the Vincenzo Barnaba group's research aims at establishing the role of HBV and HCV in inducing chronic infection and the role of viruses in inducing autoimmunity, such as the ability of HIV to unveil cryptic self-epitopes.

EDUCATION

Graduate in Medicine and Surgery at the University of Rome, "La Sapienza", 7/12/1973 cum laude

MEMBERSHIPS AND HONOURS

- Member of the Italian Society of Biochemistry and Molecular Biology(SIB)
- Member of the Italian Society of Biophysics and Molecular Biology (SIBBM)
- Honorary Member of the American Society for Biochemistry and Molecular Biology, USA
- Fellow of the American Biophysical Society, USA
- Member of EMBO, and of the SAC of EMBL (European Molecular Biology Laboratory)
- Member of the Accademia Nazionale dei Lincei
- Premio Nazionale del Presidente della Repubblica (1985)
- FEBS Lecturer (1989)
- Member of the Accademia Europea (1996)
- Officier de l'Ordre National du Mérite du Président de la République Française (2002)
- Foreign Honorary Member of the American Academy of Arts and Sciences (2006).

EXPERIENCE AND TEACHING

- Researcher from 16/9/1976 to 23/2/1986
- Associate Professor of Internal Medicine in the Department of Medicine and Surgery, "La Sapienza"
- Full Professor of Internal Medicine from November 1990 in the Department of Internal Medicine, U
- Head of Laboratory of Cellular and Molecular Immunology in Fondazione Andrea Cesalpino - Univ
- I Medicine faculty
SAPIENZA, Internal Medicine
- Biotechnology course
SAPIENZA, Immunology and Immunopathology

Vincenzo Barnaba also teaches in several medical specialization courses: Internal Medicine, Immunology

SCIENTIFIC ACTIVITY

Vincenzo Barnaba (Vincenzo Barnaba) carried out his scientific research mainly at the Dipartimento of Internal Medicine. Other Vincenzo Barnaba research fields are the following:

1. Dynamics of CD8 T cell responses against HCV, HBV, HIV...;
2. Mechanisms of cross-presentation of exogenous (pathogen- or tumor-associated) antigens to CD8 T cells;
3. Mechanisms influencing the differentiation of memory or effector T cells during immunopathology
4. Mechanisms controlling unwanted T cell responses (i.e., by regulatory T cells);
5. proteomic analysis (via 2DE and MALDI-TOF) of apoptotic cells addressed for identifying novel self antigens;
6. Proteomic analysis (via 2DE and MALDI-TOF) of tumor cells addressed for identifying novel tumor antigens;
7. Role of microRNA in the differentiation of memory or effector T cells;
8. Studies on the role of viruses in autoimmunity. In particular, the role of viruses in unveiling cryptic self antigens.

Vincenzo Barnaba is author or coauthor of about 80 papers on peer reviewed journals, presented about 100 times at international congresses and meetings. He spent several research periods in La Jolla Institute of Immunology and Allergy (San Diego, CA) (Dr. Jeffrey Goldstein). Since 1980 he is coordinating scientifically and technically the Cellular and Molecular Immunology Unit at the University of Turin.

He organised several international congresses and meetings. The last are: Congress "Immunology Today" (2008, Turin) and "Immunology Today" (2010, Turin).

He has been or is editorial board member or referee for the following scientific journals:

- Human Immunology (Editorial Board Member)
- Hepatology (ex Editorial Board Member)
- Journal of Hepatology (ex Associated Editor)
- Viral Immunology (Editorial Board Member)
- J. Clin. Invest. (referee)
- Eur. J. Immunol. (referee)
- J. Immunol. (referee)
- Nature Med. (referee)
- Nature Immunology (referee)
- Immunology Letter (referee)