

VINCENZO BARNABA, Honorary Professor of Medicine, Sapienza Univerità di Roma

Work: Dipartimento di Scienze Cliniche Internistiche, Anestesiologiche e Cardiovascolari – Sapienza, Università di Roma, vincenzo.barnaba@uniroma1.it

Education & Training

- 1973 Graduate in Medicine and Surgery (cum laude) at the University of Rome, "La Sapienza".
- 1980 Specialization in Internal Medicine
- Researcher from 16/9/1976 to 23/2/1985
- Associate Professor of Internal Medicine in the Department of Medicine and Surgery, "La Sapienza", Rome, from September 1986 to November 1990
- Full Professor of Internal Medicine from November 1990 to 2018 in the Department of Internal Medicine, University of Rome "La Sapienza".
- Director of Department of Internal Medicine from 2001 to 2007.
- Director of the Graduate School of Internal Medicine from 2005 to 2014.

Organizational competence

- From 2011 to 2014 President of SIICA (Società Italiana di Immunologia, Immunologia Clinica ed Allergologia).
- From 2014-up to date Member of Scientific Committee of "Istituto Pasteur Italia – Fondazione Cenci Bolognetti"
- From 2005 to 2009 General Secretariat of "Accademia Medica di Roma"
- From 2009-up to 2016 Vice-President of "Accademia Medica di Roma"
- From 2017 to up President of "Accademia Medica di Roma"
- From 2014 to 2019: Senior Research Fellow of Scuola Superiore di Studi Avanzati Sapienza (SSAS)

Research fields

Vincenzo Barnaba (VB) carries out his scientific research mainly at the Institute Pasteur, Fondazione Cenci Bolognetti - Dipartimento di Medicina Interna e Specialità Mediche, Sapienza Università di Roma. VB has been active as an immunologist for 40 years. The group lead by VB has a long-standing interest in the pathogenesis of immune-mediated diseases, including autoimmune and viral (hepatitis viruses, HIV) diseases, and tumor immunity. In particular, the VB group's research aims at establishing the role of HBV and HCV in inducing chronic infection, the role of viruses in inducing autoimmunity, such as the ability of HIV to unveil cryptic self-epitopes, and the mechanisms by which T cell response against tumor antigens can be unleashed.

Other VB research fields are the following:

1. Dynamics of CD8 T cell responses against viral and tumor antigens;
2. Mechanisms of cross-presentation of exogenous (pathogen- or tumor-associated) antigens;
3. Mechanisms influencing the differentiation of memory or effector T cells during immunopathology (chronic viral infections, tumors);
4. Mechanisms controlling T cell responses (i.e., by regulatory T cells [Tregs]) in chronic infections, autoimmunity and tumors;
5. Proteomic analysis of tumor cells addressed for identifying novel immunogenic self- or tumor antigens;
6. Proteomic analysis of tumor secretomes addressed for identifying novel immune checkpoints;
7. Studies on the role of viruses in unveiling cryptic self-epitopes.

See VB bibliography at the page: <https://pubmed.ncbi.nlm.nih.gov/?term=Barnaba+V&sort=date>