

● WORK EXPERIENCE

01/06/2020 – CURRENT – Rome, Italy

POST DOC POSITION – Department of Translational and Precision Medicine, Sapienza University of Rome

01/01/2019 – 15/06/2020 – Rome, Italy

TECHNOLOGY TEACHER – MIUR, middle school

Rome, Italy

01/01/2014 – 30/09/2018 – Rome, Italy

POST DOC POSITION – Department of cardiovascular medicine, Catholic University of the Sacred Heart

Study of the role of adaptive immunity in acute coronary syndrome and plaque destabilization.

Flow cytometry core Manager.

Rome, Italy

01/07/2010 – 31/12/2013 – Rome, Italy

PHD POSITION – Department of cardiovascular medicine, Catholic University of the Sacred Heart

Research in molecular and cellular cardiology laboratory (Inflammation and immunocardiology section).

Sperimental and clinical study of T cell response in patients with acute coronary syndromes (ACS) and stable angina (SA). Role of Atorvastatin in the activation of functional CD4+ T-lymphocytes in acute coronary syndromes.

Study of the CD31 and PTPN22 molecules in Adaptive and Innate immunity in patients with ACS and SA. Analysis of eosinophils and basophils activation in patients with coronary instability by flow cytometry

Rome, Italy

01/05/2010 – 31/12/2011 – Rome, Italy

PRE DOCTORAL FELLOWSHIP – Department of cardiovascular medicine, Catholic University of the Sacred Heart

Characterization of T-cell subpopulations by flow cytometry.

Analysis of the expression of the typical transcriptional factors of Th1, Th2, Th17 and Treg cells by real time PCR in epicardial adipose tissue from ACS patients.

Rome, Italy

01/11/2007 – 30/11/2009 – Rome, Italy

INTERNSHIP – Istituto Superiore di Sanità, Department of Infectious, Parasitic and Immune-mediated Diseases

Chlamydia pneumoniae and *Bordetella pertussis* infection in human monocyte-derived dendritic cells.

Pre-clinical study of immunomodulatory activities of a novel live attenuated vaccine against *B. pertussis*.

In vitro analysis of T cell immune response to bacteria and bacterial antigens.

Study of phenotypic expression and functional roles of CD38 in T cell subpopulations.

Rome, Italy

● **EDUCATION AND TRAINING**

01/01/2010 – 31/12/2013 – Rome, Italy

PhD in Cellular and Molecular Cardiology – Catholic University of the Sacred Heart, Department of Inflammation and Immunocardiology,

PhD thesis title: "TCR signalling pathways and Acute Coronary Syndromes: Novel therapeutic molecular targets."

EQF level 8

2002 – 2009

Degree in Chemistry and pharmaceutical technologies – "Sapienza" University of Rome

Thesis title: "Human monocyte-derived dendritic cells: an ex vivo model for the study of response inflammatory after infection of *Chlamydia Pneumoniae*"

● **RECOMMENDATIONS**

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