



Fabrizio Montecucco

Full professor

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Education and training

2013

Diploma in Advanced Studies Management of Clinical trials GCP

Role of statins to reduce disease activity and the cardiovascular risk in rheumatoid arthritis (RA) patients a narrative review

University of Geneva - Geneva - CH

2012

PhD in Internal Medicine Autoimmunity Gastrointestinal disease

Receptor activator of NF- κ B ligand (RANKL) increases neutrophil-mediated cardiovascular vulnerability

University of Genoa - Genoa - IT

2011

Certificate Module 2 Director in animal experiences

University Hospital of Lausanne - Lausanne - CH

2008

Diploma of Specialist in Internal Medicine

New evidences for C-reactive protein (CRP) as intraplaque and systemic cardiovascular risk factor - 50/50 e lode

University of Genoa - Genoa - IT

2007

Certificate Module 1 Experimenter in animal models

University Hospital of Lausanne - Lausanne - CH

2004

Diploma of national habilitation to physician practice in Italy

University of Genoa - Genoa - IT

2003

MD degree

Artrite reumatoide e apoptosi dei fagociti - 110/110 e lode

University of Genoa - Genoa - IT

1997

Diploma di maturità scientifica

60/60

Liceo Scientifico Statale E. Amaldi - Novi Ligure - IT

Academic experience

2016 - ONGOING

Associate Professor

University of Genoa - Genoa - IT

Clinical research and teaching activities

2016 - ONGOING

Member of C.E.B.R.- Centro di Eccellenza per le Ricerche Biomedici

C.E.B.R.- Centro di Eccellenza per le Ricerche Biomediche - Genoa - IT

Basic clinical and Translational Research activities

2016 - ONGOING

Councillor

Servizio di Ateneo di simulazione e formazione avanzata (SimAv) - Genoa - IT

Councillor of the Director

2015 - ONGOING

Member of the Council of the Faculty of Medicine

School of Medical and Pharmaceutical Sciences - Genoa - IT

Councillor of the Dean

2015 - ONGOING

Member of the Council of the Dept. Internal Medicine

Department of Internal Medicine and Medical Specialties - Genoa - IT

Councillor of the Director of the Department

2015 - ONGOING

Delegate for international relationships of the Dept. Director

Department of Internal Medicine and Medical Specialties - Genoa - IT

Responsible for the Department of international relationships

2016 - ONGOING

Medical Doctor

Ospedale Policlinico San Martino - Genoa - IT

Clinical activity 60

2014 - 2015

Maitre d'enseignement et de recherche

University of Geneva and Geneva University Hospital - Geneva - CH

Clinical activity 60. Research activity 35. Teaching 5.

2012 - 2016

Assistant Professor

University of Genoa - Genoa - IT

Research activity. Under unpaid license for three years.

2010 - 2012

Chef de Clinique scientifique

University of Geneva - Geneva - CH

Clinical activity 15. Research activity 80. Teaching 5.

2008 - 2010

Research Assistant

University of Geneva - Geneva - CH

Research activity 95. Teaching 5.

2009 - 2011

PhD student

University of Genoa - Genoa - IT

research activity

2003 - 2008

Resident in Internal Medicine

University of Genoa - Genoa - IT

clinical activity

Work experience

2012 - 2014

Chef de Clinique

Geneva University Hospital - Geneva - CH

Clinical activity 60 per cent

Language skills

Italian

Mother tongue

English

Proficient

French

Proficient

Teaching activity

- Since 2012-present, Docent at University of Genoa (Italy), PhD course entitled: 'MEDICINA INTERNA CLINICO-SPERIMENTALE'. Cycles: 30, 31, 32 and 33.

- Since 2015-present, Docent at School of Medicine, Internal Medicine 1 (fifth year of Medicine), at Internal Medicine 2 (sixth year of Medicine) University of Genoa (Italy).

- Since 2016-present, Docent at School of Nursery, Internal Medicine (second year), University of Genoa (Italy).

- In 2015, Co-director of PhD Thesis of Dr. Federico Carbone in Internal Medicine clinical and experimental, cycle XXVIII, University of Genoa (Italy). Thesis entitled: "Thrombolysis enhances neutrophil degranulation potentially threatening early reperfusion benefits in ischemic stroke".
- In 2017, Director of MD Thesis of Matteo Casula., School of Medicine, University of Genoa, Italy. Thesis entitled: "L'elevata espressione dei recettori della Vitamina D (VDR) all'interno di placche aterosclerotiche carotidee è associata ad un minore rischio di sindrome coronariche acute e ictus."
- In 2018-present, Docent at School of Podology (Internal Medicine), University of Genoa (Italy).
- In 2018-present, Docent at School of Ortoprists (Internal Medicine), University of Genoa (Italy).
- In 2018-present, Docent at School of Nutrition for Dietitians (Internal Medicine), University of Genoa (Italy).

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

- Since 2012-present, Docent at University of Genoa, PhD course entitled: 'MEDICINA INTERNA CLINICO-SPERIMENTALE'. Cycles: 30, 31, 32 and 33.
- Since 2015-present, Docent at School of Speciality in Internal Medicine, University of Genoa.
- Since 2018 -present, Docent at School of Speciality in Vascular Surgery, University of Genoa.
- Since 2018 -present, Docent at School of Speciality in General Surgery, University of Genoa.

Research interests

In the last 10 years, the research group of Prof. Montecucco substantially contributed to better clarify the inflammatory mechanisms underlying atherosclerosis and its acute dramatic complications, such myocardial infarction and ischemic stroke in both human cohort and animal studies. In addition, he contributed to the design and achievement of several clinical research, as well as establishment of several cohorts of patients with cardiovascular diseases. Recently, the research group of Prof. Montecucco focused on translational reserach projects investigating inflamamtory processes underlying pathophysiology of diabetes, cancer and infections.

Grants

2017 - 2018

Fund for basic activities in research.

Italian Ministry of University and Research (MIUR) - IT
3000 euro - Pricipal investigator

2017 - 2018

Grant FRA 2016

University of Genoa - IT
6800 euro - Pricipal investigator

2016 - 2017

Research Grant FRA 2015

University of Genoa - IT
4000 euro - Pricipal investigator

2015 - 2016

Research Grant PRA 2014

University of Genoa - IT
5000 euro - Participant
"Ruolo fisiopatologico del trombolitico recombinant tissue plasminogen activator (r-tPA) nell'attivazione dei neutrofili nella fase acuta dopo l'ictus ischemico"

2014 - 2015

Research Grant Fonds Valentine Gerbex-Bourget 2014

Geneva University Hospital - CH
31600 CHF - Pricipal investigator
"Role of Visfatin on inflammatory atherosclerotic vulnerability for ischemic stroke"

2014 - 2015

Research Grant PRA 2013

University of Genoa - IT
3000 euro - Pricipal investigator
Ruolo fisiopatologico della via di Receptor activator of NF-kappaB ligand (RANKL)/Osteoprotegerin (OPG) negli eventi cardiovascolari acuti"

2014 - 2017

FNRS310030152639/1

Swiss National Science Foundation - CH
396260 CHF - Pricipal investigator
"Pathophysiological role of Receptor activator of NF-kappaB ligand (RANKL)/Osteoprotegerin (OPG) pathway in acute cardiovascular diseases"

2014 - 2015

Prix Leenaards 2014

Leenaards Foundation - CH
1027000 CHF - Participant

2013 - 2018

FP7-INNOVATION I HEALTH-F2-2013-602114

European Commission FP7 - CH
531000 Euro - Participant
Athero-B-Cell: Targeting and exploiting B cell function for treatment in

cardiovascular disease.

2013 - 2014

Research Grant PRA 2012

University of Genoa - IT

6911 euro - Pricipal investigator

“Ruolo patofisiologico di mediatori infiammatori determinanti la funzione dei neutrofili nella vulnerabilità per ictus ischemico“

2013 - 2014

Research Grant Novartis Foundation 2012-2013

Novartis Foundation - CH

53146 CHF - Pricipal investigator

“ Role of visfatin on inflammatory atherosclerotic vulnerability for ischemic stroke”

2012 - 2014

FNRS32003B135745

Swiss National Science Foundation - CH

233700 CHF - Participant

2011 - 2013

NILACH ER Niacin/laropiprant impact on cardiovascular markers and atheroprogession in HIV-infected individuals on cART

Centre de Recherche Clinique of Geneva University Hospital - CH

212000 CHF - Participant

2011 - 2013

FNRS32003B134963

Swiss National Science Foundation - CH

288'000 CHF - Pricipal investigator

“ Role of visfatin on inflammatory atherosclerotic vulnerability for ischemic stroke”

2010 - 2011

Role of systemic and intraplaque inflammatory mediators and endocannabinoids in human carotid plaque vulnerability for stroke

Fondation Gustave and Simone Prévot - CH

25'000 CHF - Pricipal investigator

“Role of systemic and intraplaque inflammatory mediators and endocannabinoids in human carotid plaque vulnerability for ischemic stroke”

2010 - 2011

Role of systemic and intraplaque inflammatory mediators

and endocannabinoids in human carotid plaque vulnerability for stroke

The Sir Jules Thorn Trust Reg. Foundation - CH

85'500 CHF - Principal investigator

“Role of systemic and intraplaque inflammatory mediators and endocannabinoids in human carotid plaque vulnerability for ischemic stroke”

2008 - 2013

EU FP7 Grant number 201668 AtheroRemo

European Community FP7 - CH

792000 euro - Participant

EU FP7, Grant number 201668, AtheroRemo

Editorial activity

Invited Editor to the International Peer-review Journals: Mediators of Inflammation, Current Vascular Pharmacology, Current Signal Transduction Therapy, Current Pharmaceutical Design, Seminar in Immunopathology, Current Drug Targets.

Editorial Board member of World Journal of Cardiology and International Journal of Cardiology.

Associate Editor of European Journal of Clinical Investigation.

Editor of BioMed Research International.

Assignments abroad

Research activity:

- 2008-2015: Translational Research in Cardiology and Cardiovascular Diseases at Division of Cardiology, University of Geneva and Division of Laboratory Medicine, Geneva University Hospital (Switzerland).

Teaching activity:

- Up to September 2015: Tutorial for second year medical students at Unité de Coeur et Circulation, Faculty of Medicine, University of Geneva (Switzerland): 19 hours in 2010, 16 hours in 2011, 14 hours in 2012, 50 hours in 2013, 61 hours in 2014, 60 hours in 2015.