

FABIO PELLEGATTA

medical doctor/ responsible ambulatory of genetic dyslipidemia

Education

Date	Institution
1990	Medical Doctor Degree, Faculty of Medicine, University of Milan, Italy
1994	Sub-Speciality in Clinical and Laboratory Hematology, Faculty of Medicine, University of Milan, Italy
2001	Ph.D. at the Department of Pathology, Faculty of Medicine, University of Milan, Italy

Research and accademic experience

Date	Institution
1989-1990	Intern, Department of Medicine, Scientific Institute H. San Raffaele, University of Milan, Italy. (Prof. G.Pozza)
1990-1992	Resident, Department of Medicine, Scientific Institute H. San Raffaele, University of Milan, Italy. (Prof. G.Pozza)
1990-1994	Specializing in Hematology. (Prof. E.E.Polli and Prof.ssa M.T.Maiolo)
1992-2001	Investigator , Cardiovascular Pathophysiology Laboratory, Division of Cardiology,Scientific Institute H. San Raffaele, University of Milan, Italy (Prof.S.L.Chierchia)
1998-2001	Ph.D. in “pathophysiology and pharmacology of the pain”, Department of General Pathology University of Milan, Italy. (Prof.ssa M.E.Ferrero).
2001-present	Investigator , laboratory of lipid and lipoprotein methabolism, Dept. of Pharmacological Sciences,University of Milan, Italy, (prof.A.L.Catapano)
2006-present	Responsible of the Ambulatory for the diagnosis and treatment of the Familial Hypercholesterolemia and of the Familial Combined Hyperlipemia, at the Center for the Study of Atherosclerosis. Bassini Hospital, Sesto San Giovanni, Italy.

Major achievements

- intracellular pathways involved in the control of vascular functions: (intracellular calcium, nitric oxide production, adhesion molecule expression, secretion and activities, protein kinase activities (in particular those involved in cell proliferation, protein synthesis, and angiogenesis), transcription factor (NF-kB, Peroxisome proliferator-activated receptors :PPARs) activation.
- isolation and culture of vascular and blood cells: platelet, neutrophils, endothelium and smooth muscle cells.
- Isolation, culture and characterization of circulating endothelial precursors.
- Diagnosis and therapy of Familial Hypercholesterolemia

Professional memberships

S.I.S.A. (Società Italiana di Aterosclerosi)

Collaborations

LIPIGEN (Network italiano sulle dislipidemie genetiche)

GIP-FH (Gruppo Italiano di Pazienti con Ipercolesterolemia Familiare)

Most relevant publications

1. de Gonzalo-Calvo D, Cenarro A, Garlaschelli K, **Pellegatta F**, Vilades D, Nasarre L, Camino-Lopez S, Crespo J, Carreras F, Leta R, Catapano AL, Norata GD, Civeira F, Llorente-Cortes V. Translating the microRNA signature of microvesicles derived from human coronary artery smooth muscle cells in patients with familial hypercholesterolemia and coronary artery disease. *J Mol Cell Cardiol.* 2017 May;106:55-67.
2. Baragetti A, Palmen J, Garlaschelli K, Grigore L, **Pellegatta F**, Tragni E, Catapano AL, Humphries SE, Norata GD, Talmud PJ. Telomere shortening over 6 years is associated with increased subclinical carotid vascular damage and worse cardiovascular prognosis in the general population. *J Intern Med.* 2015 Apr;277(4):478-87.
3. Tripodi A, **Pellegatta F**, Chantarangkul V, Grigore L, Garlaschelli K, Baragetti A, Lemma L, Catapano A. Statins decrease thrombin generation in patients with hypercholesterolemia. *Eur J Intern Med.* 2014 Jun;25(5):449-51
4. **Pellegatta F**, Brambilla C, Reduzzi A, Bragheri M, Zerbini G, Catapano AL. Endothelin-1 does not impair insulin-induced angiogenesis in vitro. *Int J Mol Med.* 2011 Sep;28(3):443-8
5. **Pellegatta F**, Bragheri M, Grigore L, Raselli S, Maggi FM, Brambilla C, Reduzzi A, Pirillo A, Norata GD, Catapano AL. In vitro isolation of circulating endothelial progenitor cells is related to the high density lipoprotein plasma levels. *Int J Mol Med.* 2006 Feb;17(2):203-8.