

CURRICULUM VITAE

MAURA BRIOSCHI

PERSONAL INFORMATION

Date of birth 18/12/1978
Nationality Italian
Sex Female
Address via Monte Rosa 89, Desio (MB), Italy
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EDUCATIONAL TRAINING

2008 PhD in Pharmacotoxicology, Pharmacognosy and Pharmacological Biotechnology, Università degli Studi di Milan, Italy

Thesis: "Cardiovascular proteomics: oxidized proteins in heart failure"

2003 Master's Degree in Pharmaceutical Biotechnology, Università degli Studi di Milan, Italy

Final grade 110/110 cum laude

Thesis: "Analysis of protein expression in membrane microdomains in human heart tissue"

1997 High school diploma (scientific studies), Liceo scientifico "E. Majorana", Desio (MI), Italy

Final grade 57/60

EMPLOYMENT HISTORY

2022-present Research technician, Department of Biotechnology and Biosciences, University of Milano Bicocca, Milan, Italy

2015-2022 Scientific researcher, permanent position, Unit of Functional Proteomics, metabolomics and network analysis, Centro Cardiologico Monzino IRCCS, Milan, Italy

2009-2015 Post-doc researcher, Unit of Proteomics, Centro Cardiologico Monzino IRCCS, Milan, Italy

2006-2008 Doctoral fellow, Department of Pharmacological Sciences, Università degli Studi di Milano, Italy

- 2003-2005** Research fellow, Centro Cardiologico Monzino IRCCS, Milan, Italy
- 2001-2003** Undergraduate research activity training, Laboratory of Pharmacology of Thrombosis and Atherosclerosis (Prof. E. Tremoli), Department of Pharmacological Sciences, Università degli Studi di Milano, Italy

GRANTS AWARDED

- 2016-2019** **Ministry of Health, RF 2013**
“Circulating cell-derived microvesicles in coronary artery disease:molecular signature, functional properties and predictive value in coronary bypass graft patency”, PE-2013-02357476
Coordinator: Prof. Marina Camera, CCM
Role: Collaborator (Brioschi Maura, Unit of Proteomics, CCM)
- 2014-2017** **Ministry of Health, Young investigator Projects RF 2011/12**
“Cyclophilin A as a new therapeutic target for limb ischemia”, GR-2011-02351029
Coordinator: Nigro P, CCM
Role: Head of UO2-CCM (Brioschi Maura, Unit of Proteomics, CCM)

PATENTS AND TECHNOLOGICAL TRANSFER

Prenylcysteine oxidase 1 inhibitors for the prevention and/or treatment of oxidative stress related degenerative diseases and prenylcysteine oxidase 1 as diagnostic marker.
Role: coinventor

29/12/2015: PCT deposition, PCT application number PCT/EP2015/081354

14/07/2017: Entry into the national phase, EP application number 15817414.4

AWARDS AND HONORS

- “Antonio Selva” Best Poster Award for “Pharmacoproteomic for target identification of drugs: a study of statin effects on endothelial cell secretome, by **Brioschi M**, Lento S, Tremoli E, Banfi C”. Congress “La spettrometria di massa in lombardia”, 1st December 2011, Milan, Italy
- Best Poster award for “Identification of novel targets of statins through a proteomic approach based on label-free mass spectrometry by **Brioschi M**, Lento S, Tremoli E, Banfi C.” at the 80th European Atherosclerosis Society congress, 25-28th May 2012, Milan, Italy
- Poster award for “The infancy of single cell analysis: proteomic profile of different phenotypes of human monocyte-derived macrophages” by **Brioschi M**, Eligini S, Banfi C at the iMASS Single cell day, 12th October 2022, Parma, Italy

SCIENTIFIC SOCIETY/CONSORTIA MEMBERSHIP

- Italian Chemistry Society (Mass Spectrometry Division)
- Italian Proteomic Association (ItPA)
- Member of the mt-HPP consortium for the standardization of mitochondrial proteomics (The Italian mt-HPP initiative)

PUBLICATIONS IN PEER- REVIEWED JOURNALS

Summary

# papers	79
% papers with relevant position (1st, 2nd or last name)	50%
IF total	382
IF mean	4.84
H index	30

1. Sironi L, Gelosa P, Guerrini U, Banfi C, Crippa V, **Brioschi M**, Gianazza E, Nobili E, Gianella A, De Gasparo M, Tremoli E. Antiinflammatory effects of AT1 receptor blockade provide end-organ protection in stroke-prone rats independently from blood pressure fall. *J Pharmacol Exp Ther*. 2004 Dec;311(3):989-95
I.F. 4.335
2. Banfi C, Cavalca V, Veglia F, **Brioschi M**, Barcella S, Mussoni L, Boccotti L, Tremoli E, Biglioli P, Agostoni P. Neurohormonal activation is associated with increased levels of plasma matrix metalloproteinase-2 in human heart failure. *Eur Heart J*. 2005 Mar;26(5):481-8.
I.F. 7.341
3. Banfi C, **Brioschi M**, Wait R, Begum S, Gianazza E, Pirillo A, Mussoni L, Tremoli E. Proteome of endothelial cell-derived procoagulant microparticles. *Proteomics*. 2005 Nov;5(17):4443-55.
I.F. 6.088
4. Banfi C*, **Brioschi M***, Wait R, Begum S, Gianazza E, Fratto P, Polvani G, Vitali E, Parolari A, Mussoni L, Tremoli E. Proteomic analysis of membrane microdomains derived from both failing and non-failing human hearts. *Proteomics*. 2006 Mar;6(6):1976-88.
I.F. 5.735
5. Sironi L, Banfi C, **Brioschi M**, Gelosa P, Guerrini U, Nobili E, Gianella A, Paoletti R, Tremoli E, Cimino M. Activation of NF- κ B and ERK1/2 after permanent focal ischemia is abolished by simvastatin treatment. *Neurobiol Dis*. 2006, 22:445-451.
I.F. 4.128
6. Cristoni S, **Brioschi M**, Rizzi A, Sironi L, Gelosa P, Tremoli E, Bernardi LR, Banfi C. Analysis of rosuvastatin by imaging mass spectrometry. *Rapid Commun Mass Spectrom*. 2006;20(22):3483-7.
I.F. 2.6
7. Gianella A, Nobili E, Abbate M, Zoja C, Gelosa P, Mussoni L, Bellosta S, Canadesi M, Rottoli D, Guerrini U, **Brioschi M**, Banfi C, Tremoli E, Remuzzi G and Sironi L. Rosuvastatin treatment prevents progressive kidney inflammation and fibrosis in stroke-prone rats. *J Am Pathol* 2007; 170:1165-1177
I.F. 5.487
8. Banfi C*, **Brioschi M***, Barcella S, Pignieri A, Parolari P, Biglioli P, Tremoli E, Mussoni L. Tissue factor induction by Protease-Activated Receptor 1 requires intact caveolin-enriched membrane microdomains in human endothelial cells. *Journal of Thrombosis and haemostasis*. *J Thrombosis and Haemostasis*. 2007;5(12):2437-2444
I.F. 5.947

9. Lapolla A, **Brioschi M**, Banfi C, Tremoli E, Bonfante L, Cristoni S, Seraglia R, Traldi P. On the research for glycated lipoprotein ApoAI in plasma of diabetic and nephropathic patients. *J Mass Spectrom.* 2008 Jan;43(1):74-81.

IF. 2.94

10. Lapolla A, **Brioschi M**, Banfi C, Tremoli E, Cosma C, Bonfante L, Cristoni S, Seraglia R, Traldi P. Nonenzymatically glycated lipoprotein ApoA-I in plasma of diabetic and nephropathic patients. *Ann N Y Acad Sci.* 2008 Apr;1126:295-9.

IF. 2.303

11. Banfi C*, **Brioschi M***, Barcella S, Veglia F, Biglioli P, Tremoli E, Agostoni P. Oxidized proteins in plasma of patients with heart failure: role in endothelial damage. *Eur J Heart Fail.* 2008 Mar;10(3):244-51.

IF.3.398

12. Banfi C, **Brioschi M**, Barbieri SS, Eligini S, Barcella S, Tremoli E, Colli S, Mussoni L. Mitochondrial reactive oxygen species: a common pathway for PAR1- and PAR2-mediated tissue factor induction in human endothelial cells. *J Thromb Haemost.* 2009 Jan;7(1):206-16.

IF.6.291

13. Gelosa P, Banfi C, **Brioschi M**, Nobili E, Gianella A, Guerrini U, Pignieri A, Tremoli E, Sironi L. S 35171 exerts protective effects in spontaneously hypertensive stroke-prone rats by preserving mitochondrial function. *Eur J Pharmacol.* 2009 Feb 14;604(1-3):117-24. Gelosa and Banfi equal contribution

IF.2.787

14. Banfi C, **Brioschi M**, Barcella S., Wait R., Begum S., Galli S., Rizzi A., Tremoli E. Proteomic analysis of human low-density lipoprotein reveals the presence of prenylcysteine lyase, a hydrogen peroxide-generating enzyme. *Proteomics* 2009; 9(5):1344-1352.

IF 4.586

15. Magrì D, **Brioschi M**, Banfi C, Schmid JP, Palermo P, Contini M, Apostolo A, Bussotti M, Tremoli E, Sciomer S, Cattadori G, Fiorentini C, Agostoni P. Circulating plasma surfactant protein type B as biological marker of alveolar-capillary barrier damage in chronic heart failure. *Circ Heart Fail.* 2009 May;2(3):175-80.

IF: 3.433

16. Fasanaro P, Greco S, Lorenzi M, Pescatori M, **Brioschi M**, Kulshreshtha R, Banfi C, Stubbs A, Calin GA, Ivan M, Capogrossi MC, Martelli F. An integrated approach for experimental target identification of hypoxia-induced miR-210. *J Biol Chem.* 2009;284(50):35134-43.

IF: 5.328

17. Porcelli B, Ciari I, Felici C, Pagani R, Banfi C, **Brioschi M**, Giubolini M, de Donato G, Setacci C, Terzuoli L. Proteomic analysis of atherosclerotic plaque. *Biomed Pharmacother.* 2010;64(5):369-72.

IF: 2.208

18. Colussi C., Banfi C., **Brioschi M.**, Tremoli E., Straino S., F. Spallotta F., Mai A., Rotili D., Capogrossi MC., Gaetano C. Proteomic Profile of Differentially Expressed Plasma Proteins from Dystrophic Mice and Following Suberoylanilide Hydroxamic Acid Treatment. *Proteomics-Clinical Applications* 2010; 4(1):71-83

IF: 1.807

19. Banfi C, **Brioschi M**, Marenzi G, De Metrio M, Camera M, Mussoni L, Tremoli E. Proteome of platelets in patients with coronary artery disease. *Exp Hematol.* 2010 May;38(5):341-50.

IF: 3.2

20. Banfi C, Parolari A, **Brioschi M**, Barcella S, Loardi C, Centenaro C, Alamanni F, Mussoni L, Tremoli E. Proteomic Analysis of Plasma from Patients Undergoing Coronary Artery Bypass Grafting Reveals a

Protease/Antiprotease Imbalance in Favor of the Serpin alpha1-Antichymotrypsin. *J Proteome Res.* 2010;9(5):2347-57.

IF: 5.46

21. Gelosa P, Ballerio R, Banfi C, Nobili E, Gianella A, Pignieri A, **Brioschi M**, Guerrini U, Castiglioni L, Blanc-Guillemaud V, Lerond L, Tremoli E, Sironi L. Terutroban, a TP receptor antagonist, increases survival in stroke-prone rats by preventing systemic inflammation and endothelial dysfunction. Comparison with aspirin and rosuvastatin. *J Pharmacol Exp Ther.* 2010;334(1):199-205.

IF: 4.017

22. Gelosa P, Banfi C, Gianella A, **Brioschi M**, Pignieri A, Nobili E, Castiglioni L, Cimino M, Tremoli E, Sironi L. PPAR-alpha agonism prevents the oxidative stress and inflammatory processes involved in brain and renal damage in stroke-prone rats. *J Pharmacol Exp Ther.* 2010 Nov;335(2):324-31.

IF: 4.017

23. Agostoni P, Banfi C, **Brioschi M**, Magri D, Sciomer S, Berna G, Brambillasca C, Marenzi G, Sisillo E. SPB and RAGE increases in the plasma during cardiopulmonary by-pass: a pilot study. *Eur Respir J.* 2011 Apr;37(4):841-7.

IF: 5.895

24. Banfi C, **Brioschi M**, Lento S, Pirillo A, Galli S, Cosentino S, Tremoli E, Mussoni L. Statins prevent tissue factor induction by protease-activated receptors 1 and 2 in human umbilical vein endothelial cells invitro. *J Thromb Haemost.* 2011 Aug;9(8):1608-19.

IF: 5.731

25. **Brioschi M**, Polvani G, Fratto P, Parolari A, Agostoni P, Tremoli E, Banfi C. Redox proteomics identification of oxidatively modified myocardial proteins in human heart failure: implications for protein function. *PLoS One.* 2012;7(5):e35841.

IF: 3.73

26. **Brioschi M**, Lento S, Tremoli E, Banfi C. Proteomic analysis of endothelial cell secretome: a means of studying the pleiotropic effects of Hmg-CoA reductase inhibitors. *J Proteomics.* 2013 Jan 14;78:346-61. doi: 10.1016/j.jprot.2012.10.003.

IF: 3.929

27. Banfi C., **Brioschi M.**, Tremoli E. La proteomica in campo cardiovascolare: sfide ed opportunità per la cardiologia del futuro. *Giornale italiano di cardiologia*, 2013;14(7-8):495-503

IF: 0

28. Agostoni P, Swenson ER, Fumagalli R, Salvioni E, Cattadori G, Farina S, Bussotti M, Tamplenizza M, Lombardi C, Bonacina D, **Brioschi M**, Caravita S, Modesti P, Revera M, Giuliano A, Meriggi P, Faini A, Bilo G, Banfi C, Parati G. Acute high-altitude exposure reduces lung diffusion: data from the HIGHCARE Alps Project. *Respir Physiol Neurobiol.* 2013 Aug 15;188(2):223-8.

IF: 1.967

29. **Brioschi M**, Eligini S, Crisci M, Fiorelli S, Tremoli E, Colli S, Banfi C. A mass spectrometry-based workflow for the proteomic analysis of in vitro cultured cell subsets isolated by means of laser capture microdissection. *Anal Bioanal Chem.* 2014 May;406(12):2817-25.

IF: 3.8

30. Lento S, **Brioschi M**, Barcella S, Nasim MT, Ghilardi S, Barbieri SS, Tremoli E, Banfi C. Proteomics of tissue factor silencing in cardiomyocytic cells reveals a new role for this coagulation factor in splicing machinery control. *J Proteomics.* 2015 Apr 24;119:75-89.

IF: 3.436

31. Eligini S, **Brioschi M**, Fiorelli S, Tremoli E, Banfi C, Colli S. Human monocyte-derived macrophages are heterogenous: Proteomic profile of different phenotypes. *J Proteomics*. 2015 Jun 21;124:112-23. doi: 10.1016/j.jprot.2015.03.026.

IF. 3.867

32. Eligini S, **Brioschi M.**, Fiorelli S., Tremoli E., Colli S, Banfi C. Data for proteomic analysis of Human monocyte-derived macrophages. *Data in Brief*, 2015;4:177-179

IF. N/A

33. **Brioschi M**, Lento S, Barcella S, Nasim Md. Talat, Ghilardi S, Barbieri SS, Tremoli E, Banfi C. Data for proteomic analysis of murine cardiomyocytic HL-1 cells treated with siRNA against tissue factor. *Data in Brief*, 2015;3:117-119

IF. N/A

34. Magrì D, Banfi C, Maruotti A, Farina S, Vignati C, Salvioni E, Morosin M, **Brioschi M**, Ghilardi S, Tremoli E, Agostoni P. Plasma immature form of surfactant protein type B correlates with prognosis in patients with chronic heart failure. A pilot single-center prospective study. *Int J Cardiol*. 2015 Dec 15;201:394-9.

IF. 4.638

35. Amadio P, Colombo GI, Tarantino E, Gianellini S, Ieraci A, **Brioschi M**, Banfi C, Werba JP, Parolari A, Lee FS, Tremoli E, Barbieri SS. BDNFVal66met polymorphism: a potential bridge between depression and thrombosis. *Eur Heart J*. 2017 May 7;38(18):1426-1435.

IF. 19.651

36. **Brioschi M**, Baetta R, Ghilardi S, Gianazza E, Guarino A, Parolari A, Polvani G, Tremoli E, Banfi C. Normal human mitral valve proteome: A preliminary investigation by gel-based and gel-free proteomic approaches. *Electrophoresis*. 2016 Oct;37(20):2633-2643

IF. 2.744

37. Roverso M, **Brioschi M**, Banfi C, Visentin S, Burlina S, Seraglia R, Traldi P, Lapolla A. A preliminary study on human placental tissue impaired by gestational diabetes: a comparison of gel-based versus gel-free proteomics approaches. *Eur J Mass Spectrom (Chichester, Eng)*. 2016;22(2):71-82.

IF. 1.022

38. **Brioschi M**, Martinez Fernandez A, Banfi C. Exploring the biochemistry of the prenylome and its role in disease through proteomics: progress and potential. *Expert Rev Proteomics*. 2017 May 26:1-14.

IF. 3.849

39. Parolari A, Cavallotti L, Andreini D, Myasoedova V, Banfi C, Camera M, Poggio P, Barili F, Pontone G, Mussoni L, Centenaro C, Alamanni F, Tremoli E; **Coronary Bypass Grafting: Factors Related to Late Events and Graft Patency (CAGE) study investigators**. D-dimer is associated with arterial and venous coronary artery bypass graft occlusion. *J Thorac Cardiovasc Surg*. 2017 Apr 27. pii: S0022-5223(17)30863-2. doi: 10.1016/j.jtcvs.2017.04.043.

IF. 4.446

40. Banfi C, Guarino A, **Brioschi M**, Ghilardi S, Mastrullo V, Tremoli E, Polvani G. Optimized Protocol for the Extraction of Proteins from the Human Mitral Valve. *J Vis Exp*. 2017 Jun 14;(124).

IF. 1.232

41. Alberio T, Pieroni L, Ronci M, Banfi C, Bongarzone I, Bottoni P, **Brioschi M**, Caterino M, Chinello C, Cormio A, Cozzolino F, Cunsolo V, Fontana S, Garavaglia S, Giusti L, Greco V, Lucacchini A, Maffioli E, Magni F, Monteleone F, Monti M, Monti V, Musicco C, Petrosillo G, Porcelli V, Saletti R, Scatena R, Soggiu A, Tedeschi G, Zilocchia M, Roncada P, Urbani A, Fasano M. Towards the standardization of mitochondrial proteomics: the Italian mt- HPP initiative *J Proteome Res*. 2017 Dec 1;16(12):4319-4329.

IF. 4.268

42.Santoro R, Venkateswaran S, Amadeo F, Zhang F, **Brioschi M**, Banfi C, Agrifoglio M, Bradley M and Pesce M. Acrylate-based materials for polymeric heart valves scaffolds engineering. *Biomater Sci.* 2017 Dec 19;6(1):154-167. doi: 10.1039/c7bm00854f.

IF. 4.21

43.**Brioschi M**, Banfi C. The application of gene silencing in proteomics: from laboratory to clinic. *Expert Rev Proteomics.* 2018 Sep;15(9):717-732. doi: 10.1080/14789450.2018.1521275

IF. 3.489

44.Pontremoli M, **Brioschi M**, Baetta R, Ghilardi S, Banfi C. Identification of DKK-1 as a novel mediator of statin effects in human endothelial cells. *Sci Rep.* 2018 Nov 12;8(1):16671. doi: 10.1038/s41598-018-35119-7.

IF. 4.122

45.Burlina S, Banfi C, **Brioschi M**, Visentin S, Dalfrà MG, Traldi P, Lapolla A. Is the placental proteome impaired in well-controlled gestational diabetes? *J Mass Spectrom.* 2019 Apr;54(4):359-365. doi: 10.1002/jms.4336.

IF. 2.112

46.Gianazza E, **Brioschi M**, Martinez Fernandez A, Banfi C. Lipoxidation in cardiovascular diseases. *Redox Biol.* 2019 Feb 25:101119. doi: 10.1016/j.redox.2019.101119.

IF. 7.122

47.Banfi C, **Brioschi M**, Karjalainen MK, Huusko JM, Gianazza E, Agostoni PG. Immature Surfactant Protein-B impairs the antioxidant capacity of HDL. *Int J Cardiol.* 2019 Jun 15;285:53-58. doi: 10.1016/j.ijcard.2019.02.057.

IF. 4.034

48.Martinez Fernandez A, Regazzoni L, **Brioschi M**, Gianazza E, Agostoni PG, Aldini G, Banfi C. Pro-oxidant and pro-inflammatory effects of glycated albumin on cardiomyocytes. *Free radical biology and medicine.* 2019 Nov 20;144:245-255

IF. 5.657

49.Garoffolo G, Ruitter MS, Piola M, **Brioschi M**, Thomas AC, Agrifoglio M, Polvani G, Coppadoro L, Zoli S, Saccu C, Spinetti G, Banfi C, Fiore GB, Madeddu P, Soncini M, Pesce M. Coronary artery mechanics induces human saphenous vein remodelling via recruitment of adventitial myofibroblast-like cells mediated by Thrombospondin-1. *Theranostics.* 2020 Feb 3;10(6):2597-2611. doi: 10.7150/thno.40595. eCollection 2020

IF. 8.063

50.Altomare A, Baron G, **Brioschi M**, Longoni M, Butti R, Valvassori E, Tremoli E, Carini M, Agostoni P, Vistoli G, Banfi C, Aldini G. N-Acetyl-Cysteine Regenerates Albumin Cys34 by a Thiol-Disulfide Breaking Mechanism: An Explanation of Its Extracellular Antioxidant Activity. *Antioxidants (Basel).* 2020 Apr 28;9(5):367. doi: 10.3390/antiox9050367.

IF. 5.014

51.Amadeo F, Barbuto M, Bernava G, Savini N, **Brioschi M**, Rizzi S, Banfi C, Polvani G, Pesce M. Culture Into Perfusion-Assisted Bioreactor Promotes Valve-Like Tissue Maturation of Recellularized Pericardial Membrane. *Front Cardiovasc Med.* 2020 May 12;7:80.

IF. 3.915

52.Gianazza E, **Brioschi M**, Baetta R, Mallia A, Banfi C, Tremoli E. Platelets in Healthy and Disease States: From Biomarkers Discovery to Drug Targets Identification by Proteomics. *Int J Mol Sci.* 2020 Jun 25;21(12):4541. doi: 10.3390/ijms21124541.

IF. 4.556

53. **Brioschi M**, Gianazza E, Mallia A, Zoanni B, Altomare A, Martinez Fernandez A, Agostoni P, Aldini G, Banfi C. S-Thiolation Targets Albumin in Heart Failure. *Antioxidants (Basel)*. 2020 Aug 17;9(8):763

I.F. 5.014

54. Gianazza E, **Brioschi M**, Martinez Fernandez A, Casalnuovo F, Altomare A, Aldini G, Banfi C. Lipid Peroxidation in Atherosclerotic Cardiovascular Diseases. *Antioxid Redox Signal*. 2021 Jan 1;34(1):49-98.

I.F. 6.323

55. Mallia A, Gianazza E, Zoanni B, **Brioschi M**, Barbieri SS, Banfi C. Proteomics of Extracellular Vesicles: Update on Their Composition, Biological Roles and Potential Use as Diagnostic Tools in Atherosclerotic Cardiovascular Diseases. *Diagnostics (Basel)*. 2020 Oct 19;10(10):843.

I.F. 3.11

56. Cattaneo MG, Banfi C, **Brioschi M**, Lattuada D, Vicentini LM. Sex-dependent differences in the secretome of human endothelial cells. *Biol Sex Differ*. 2021 Jan 7;12(1):7.

I.F. 3.267

57. **Brioschi M**, Gianazza E, Agostoni P, Zoanni B, Mallia A, Banfi C. Multiplexed MRM-Based Proteomics Identified Multiple Biomarkers of Disease Severity in Human Heart Failure. *Int J Mol Sci*. 2021 Jan 15;22(2):838.

I.F. 4.556

58. Altomare A, Baron G, Balbinot M, Pedretti A, Zoanni B, **Brioschi M**, Agostoni P, Carini M, Banfi C, Aldini G. In-Depth AGE and ALE Profiling of Human Albumin in Heart Failure: Ex Vivo Studies. *Antioxidants (Basel)*. 2021 Feb 27;10(3):358.

I.F. 5.014

59. Banfi C*, **Brioschi M***, Mapelli M, Gianazza E, Mallia A, Zoanni B, Salvioni E, Gugliandolo P, Capra N, Veglia F, Agostoni P. Immature Circulating SP-B, Bound to HDL, Represents an Early Sign of Smoke-Induced Pathophysiological Alterations. *Biomolecules*. 2021 Apr 9;11(4):551.

I.F. 4.082

60. Gowran A, **Brioschi M**, Rovina D, Chiesa M, Piacentini L, Mallia S, Banfi C, Pompilio G, Santoro R. Multiomic Approaches to Uncover the Complexities of Dystrophin-Associated Cardiomyopathy. *Int J Mol Sci*. 2021 Aug 19;22(16):8954.

I.F. 4.556

61. Banfi C, Baetta R, Barbieri SS, **Brioschi M**, Guarino A, Ghilardi S, Sandrini L, Eligini S, Polvani G, Bergman O, Eriksson P, Tremoli E. Prenylcysteine oxidase 1, an emerging player in atherosclerosis. *Commun Biol*. 2021 Sep 21;4(1):1109.

I.F. 6.268

62. Gianazza E, Zoanni B, Mallia A, **Brioschi M**, Colombo GI, Banfi C. Proteomic studies on apoB-containing lipoprotein in cardiovascular research: A comprehensive review. *Mass Spectrom Rev*. 2021 Nov 8.

I.F. 10.946

63. Zoanni B*, **Brioschi M***, Mallia A, Gianazza E, Eligini S, Carini M, Aldini G, Banfi C. Novel insights about albumin in cardiovascular diseases: Focus on heart failure. *Mass Spectrom Rev*. 2021 Nov 8:e21743.

I.F. 10.946

64. Banfi C, Amadio P, Zarà M, **Brioschi M**, Sandrini L, Barbieri SS. Prenylcysteine Oxidase 1 (PCYOX1), a New Player in Thrombosis. *Int J Mol Sci*. 2022 Mar 4;23(5):2831.

I.F. 5.6

65. **Brioschi M**, Gianazza E, Andreini D, Mushtaq S, Cavallotti L, Veglia F, Tedesco CC, Colombo GI, Pepi M, Polvani G, Tremoli E, Parolari A, Banfi C. Mercaptoalbumin Is Associated with Graft Patency in Patients Undergoing Coronary Artery Bypass Grafting. *Antioxidants* (Basel). 2022 Apr 2;11(4):702.

I.F. 7

66. Piarulli F, Banfi C, **Brioschi M**, Altomare A, Ragazzi E, Cosma C, Sartore G, Lapolla A. The Burden of Impaired Serum Albumin Antioxidant Properties and Glyco-Oxidation in Coronary Heart Disease Patients with and without Type 2 Diabetes Mellitus. *Antioxidants* (Basel). 2022 Jul 30;11(8):1501.

I.F. 7

67. Altomare AA, **Brioschi M**, Eligini S, Bonomi A, Zoanni B, Iezzi A, Jemos C, Porro B, D'Alessandra Y, Guarino A, Omodeo Salè E, Aldini G, Agostoni P, Banfi C. N-Acetylcysteine Regenerates In Vivo Mercaptoalbumin. *Antioxidants* (Basel). 2022 Sep 6;11(9):1758.

I.F. 7

68. Gianazza E, **Brioschi M**, Eligini S, Banfi C. Mass spectrometry for the study of adipocyte cell secretome in cardiovascular diseases. *Mass Spectrom Rev.* 2022 Sep 26:e21812

I.F. 9.01

69. Banfi C, **Brioschi M**, Vicentini LM, Cattaneo MG. The Effects of Silencing PTX3 on the Proteome of Human Endothelial Cells. *Int J Mol Sci.* 2022 Nov 3;23(21):13487

I.F. 5.6

70. Erica Gianazza; **Maura Brioschi**; Ada Iezzi; Giuseppe Paglia; Cristina Banfi. Pharmacometabolomics for the Study of Lipid-Lowering Therapies: Opportunities and Challenges. *International Journal of Molecular Sciences* 2023, 24, 3291

I.F. 5.6

71. Banfi C, Mallia A, Ghilardi S, **Brioschi M**, Gianazza E, Eligini S, Sahlén P, Baetta R. Prenylcysteine Oxidase 1 Is a Key Regulator of Adipogenesis. *Antioxidants* (Basel). 2023 Feb 21;12(3):542.

I.F. 7

72. **Brioschi M**, D'Alessandra Y, Mapelli M, Mattavelli I, Salvioni E, Eligini S, Mallia A, Ricci V, Gianazza E, Ghilardi S, Agostoni P, Banfi C. Impact of Sacubitril/Valsartan on Circulating microRNA in Patients with Heart Failure. *Biomedicines.* 2023 Mar 28;11(4):1037.

I.F. 4.7

73. Ciaramelli C, Palmioli A, **Brioschi M**, Viglio S, D'Amato M, Iadarola P, Tosi S, Zucconi L, Airoldi C. Antarctic Soil Metabolomics: A Pilot Study. *Int J Mol Sci.* 2023 Aug 2;24(15):12340.

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* Equal contribution

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1. Scopenso cardiaco e alterazioni biologiche

Banfi C, **Brioschi M**, Tremoli E. In: L'anziano affetto da scompenso cardiaco: la prospettiva multidimensionale. Critical medicine Publishing Editore, 2006

2. Marenzi G, Camera M, Banfi C, Colombo G, Brambilla M, **Brioschi M**, Tremoli E. New Diagnostic, Therapeutic and Organizational Strategies for Acute Coronary Syndromes Patients in New Diagnostic, Therapeutic and Organizational Strategies for Acute Coronary Syndromes Patients, Springer Editor 2013

ACADEMIC ACTIVITY

Teaching activity:

- Methodology, Pharmaceutical Biotechnology Bachelor Degree, University of Milan (Holder of the course, Prof M. Camera): invited lessons, AA 2009-2010; AA 2010-2011; AA 2011-2012; AA 2012-2013; AA2013-2014; AA 2014-2015, AA 2015-2016, AA 2016-2017, AA 2018-2019, AA 2019-2020, AA 2020-2021
- Methodology, Pharmaceutical Biotechnology Bachelor Degree, University of Milan (Holder of the course, Prof L. Mussoni): Laboratory tutor AA 2007-2008

Supervisor of undergraduated students during their Bachelor or Master Thesis

ABSTRACTS AND CONFERENCE PROCEEDINGS PUBLISHED IN INTERNATIONAL JOURNALS

1. **Brioschi M.**, Begun S., Wait R., Gianazza E., Mussoni L., Tremoli E., Banfi C. Proteomic analysis of membrane microdomains derived from both failing and non failing human heart *Mol Cell Proteomics* 2005 Aug, 4(8) Suppl.1:S170

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21. Banfi C, **Brioschi M**, Rizzi A, Wait A, Barcella S, Begum S, Tremoli E. Proteomic analysis of human low density lipoprotein reveals the presence of prenylcysteine lyase, a hydrogen peroxide-generating enzyme. 8th Siena Meeting August 31-September 4, 2008 Siena, Italy.

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24. **Brioschi M**, Marenzi G, De Metrio M., Camera M., Mussoni L, Tremoli E, Banfi C. Analisi del proteoma piastrinico di pazienti con angina stabile e sindrome coronarica acuta. 69° Congresso nazionale Società Italiana di Cardiologia, Roma, 13-16 December 2008
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35. **Brioschi M**, Lento S, Galli S, Tremoli E, Banfi C. The secretome of endothelial cell: a tool for the study of the pleiotropic effects of statins. Italian Proteomics Association 5° Congresso nazionale. Firenze, 9-12 June 2010.
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39. **Brioschi M**, Lento S, Tremoli E, Banfi C. Pharmacoproteomic for target identification of drugs: a study of statin effects on endothelial cell secretome. La spettrometria di massa in Lombardia. Milan 1 December 2011.
40. Banfi C, **Brioschi M**, Lento S, Pirillo A, Galli S, Cosentino S, Tremoli E, Mussoni L. Statins prevent Tissue Factor induction by Protease-Activated Receptors 1 and 2 in human umbilical vein endothelial cells in vitro. Next Step 2: la giovane ricerca avanza. Milan, 24 June 2011.
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42. Lento S, Baetta R, **Brioschi M**, Bozzola V, Galli S, Tremoli E, Banfi C. Analysis of endothelial cell secretome identified pentraxin-3 as a novel target of the lipid-lowering Hmg-CoA reductase inhibitors. Next Step 2: la giovane ricerca avanza. Milan, 24 June 2011.
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44. Crisci M, **Brioschi M**, Eligini S, Colli S, Tremoli E and Banfi C. Human monocyte-derived macrophages spontaneously differentiated "in vitro" show distinct proteomic profiles. V Convegno Monotematico SIF Aterotrombosi: dalla Ricerca di Base alla Clinica. Milan, 3-4 November 2011.
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52. Banfi C., **Brioschi M**, Lento S., Cosentino S., Mussoni L., Tremoli E. Statins prevent tissue factor induction by protease activated receptors 1 and 2 in human endothelial cells in vitro. 80th European Atherosclerosis Society congress, 25-28 May 2012, Milan, Italy
53. Brambilla M., Canzano P., **Brioschi M**, Piacentini L., Rossetti L., Kunderfranco P., Marenzi G., Banfi C., Teruzzi G., Bono E., Trabattoni D., Colombo G., De Metrio M., Bartorelli A., Tremoli E., Camera M. Platelet prothrombotic, transcriptomic, and proteomic profile in CAD patients with chronic renal failure 80th European Atherosclerosis Society congress, 25-28 May 2012, Milan, Italy
54. **Brioschi M**, Marenzi G., Camera M., Tremoli E., Banfi C. Proteomic analysis of plasma from patients with Coronary Artery Disease and Chronic Kidney Disease. Itpa 7th annual National conference, Viterbo, 16-20 June 2012
55. Eligini S, Crisci M, **Brioschi M**, Banfi C, Tremoli E, Colli S. Distinct phenotypes co-exist in the same culture of human monocyte-derived macrophages. XXII National congress of the Italian Society for Thrombosis and Haemostasis, Vicenza, 4-6 October 2012, Blood transfusion
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68. **Brioschi M**, Banfi C. Untargeted Proteomics: focus on cell heterogeneity. Discussion group on Mass Spectrometry, Fiera di primiero (TN), 9-10 November 2015

69. **Brioschi M**, Banfi C. Analysis of protein post-translational modifications: focus on protein prenylation. 6th proteonet meeting, 26th September 2016, Milan, Italy

70. Lapolla A, Burlina S, Banfi C, **Brioschi M**, Visentin S, Dafrà G, Traldi P. Is the placental proteome impaired in well-controlled gestational diabetes? 37th IMMS, Fiera di Primiero, Italy, 5-8 May 2019

71. M. Zarà, J. Campodonico, N. Cosentino, M.L. Biondi, G. Milanese, **M. Brioschi**, E.M. Assanelli, S. Cerri, C. Banfi, p. Amadia, D. trabattoni, M. terzaghi, F. Blandini, E. tremoli, G. Marenzi, SS Barbieri. Plasma Exosomes in Patients with ST-Elevation Acute Myocardial Infarction (STEMI) and in Patients with Stable Coronary Artery Disease (CAD). ISTH Congress 2020

72. Zoanni B, **Brioschi M**, Gianazza E, Altomare A, Aldini G, Banfi C. Novel insights about albumin in cardiovascular diseases: the contribution of mass spectrometry. Italian Proteomic association, ItPA virtual day, 30th April 2021

73. Banfi C, Baetta R, Barbieri SS, **Brioschi M**, Guarino A, Ghilardi S, Sandrini L, Polvani G, Bergman O, Eriksson P, Tremoli E. Prenylcysteine oxidase 1, a novel player in atherothrombosis. EAS Congress, 30th MAy-2nd June 2021, Virtual congress, Helsinki, Finland

74. Cristina Banfi, Silvia Stella Barbieri, **Maura Brioschi**, Anna Guarino, Stefania Ghilardi, Leonardo Sandrini, Gianluca Polvani, Elena Tremoli; Roberta Baetta. Ruolo della Prenilcisteina ossidasi 1 nell'aterogenesi. SISA Lombardia, 7-9 ottobre 2021

75. **Brioschi M**, Eligini S, Banfi C. The infancy of single cell analysis: proteomic profile of different phenotypes of human monocyte-derived macrophages .iMASS Single cell day, 12th October 2022, Parma , Italy
76. **Brioschi M.**, Pioltelli E., Sartirana C., Copetta A., Labra M., Guzzetti L. Vigna unguiculata L. Walp. leaves as a source of phytochemicals of dietary interest: optimization of an ultrasound-assisted extraction. Massa 2023, 28-30th June 2023, Turin, Italy
77. Palmioli A, Ciaramelli C, **Brioschi M**, Tosi S, Zucconi L, Airoidi C. Metabolomics of Antarctic soils: an NMR and MS-based pilot study. Congresso Nazionale Società Chimica Italiana, 26-30 August 2024, Milan, Italy
78. Molteni L, Palmioli, A, Ciaramelli C, **Brioschi M**, Moretti L, Airoidi C. Metabolic profiling of solid matrices under HR-MAS NMR and ASAP HR-MS conditions. Congresso Nazionale Società Chimica Italiana, 26-30 August 2024, Milan, Italy
79. Moretti L, Palmioli A, **Brioschi M**, Natalello A, Airoidi C. Characterization of Myrtle leaves extract and identification of potential anti-amyloidogenic compounds. BtBsd day 18 February 2025; Milan, Italy
80. Molteni L, Palmioli A, Ciaramelli C, **Brioschi M**, Moretti L, Airoidi C. Exploiting the combination of NMR spectroscopy and mass spectrometry for the metabolic profiling of solid matrices. BtBsd day 18 February 2025, Milan, Italy
81. M. Oldani, L. Guzzetti, E. Pioltelli, D. Sala, D. Panzeri, **M. Brioschi**, M. Forcella, P. Fusi. Nutraceutical properties of wild strawberry (*Fragaria vesca* L.) extracts assessed on human colorectal cell lines. Congress: recent development in pharmaceutical sciences, 2-5 sept 2025, Pavia, Italy
82. Molteni L, Palmioli A, Ciaramelli C, **Brioschi M**, Airoidi C. Better together: NMR spectroscopy and mass spectrometry for the metabolic profiling of solid matrices. 2nd meeting of the Italian Metabolomic network, 15-16 Dec 2025, Firenze, Italy

UPGRADE COURSES AND CONGRESSES

- Course: Back to School. Evento didattico cardiologico nazionale. Società Italiana di Cardiologia. Milan, 15-17th May 2002
- Seminar: "Proteomica: verso la routine?". Laboratorio 2000, Milan, 11th October 2002
- Seminar: " The proteome: Anno Domini two zero zero two". Milan, 15th November 2002
- Symposium: " Proteomics as an integrated approach to biomedical investigation - All about all proteins". Milan, 17th December 2002
- Upgrade course: 2nd conference on "real time" PCR in biomedical research, Milan, 26th June 2003
- Seminar: "Marker biologici di infiammazione e malattie cardiovascolari". Milan, 22nd October 2003
- Upgrade course: "Alterazioni congenite e acquisite della coagulazione", Milan, 20-21st November 2003
- Training course: "Proteome analysis: theory and practice", Bioindustry Park, Colleretto Giacosa, 24-28th November 2003
- Seminar: "Proteins. From pathology to therapy". Milan. 19th December 2003
- Seminar: "Dalla gene expression alla proteomica". Varese, 28th January 2004
- Seminar: " Proteine? Sì, tutte....grazie". Milan, 29th January 2004
- Seminar: "La malattia ischemica cardiovascolare: infiammazione e aterotrombosi". Milan. 14th February 2004
- Training course: "8th Mass spectrometry course for PhD students". Siena. 14-19th March 2004

- Course: Back to School. Evento didattico cardiologico nazionale, Centro Congressi Fondazione Cariplo, Milan, 5-7th May 2004
- Milan-Limone Meeting, HDL therapy, 29th May, 2004
- Seminar: "Nuove tecnologie e sviluppi nell'analisi del Proteoma" Milan, 9th June 2004
- Discussion group on Mass Spectrometry - "New frontiers in proteomics". Fiera di primiero (TN), 8-10th November 2004
- Seminar: "Therapeutic angiogenesis: the new paradigm of stem cells?", Milan, 19th November 2004
- Seminar: "Cicloossigenasi-2 nell'aterotrombosi: espressione e sua inibizione", Milan, 1st March 2005
- Seminar: "Multiplexed proteomics", Milan, 6th April 2005
- Workshop: "ProteomeLab: tecniche tradizionali e nuovi approcci analitici per lo studio del proteoma", Milan, 3rd May 2005
- Congress: 32° Congresso Società italiana di farmacologia, Napoli, 1-4 June 2005
- Congress: Hupo 4th annual world conference, Munich, Germany, 28th August – 1st September 2005
- Course: "Cellule staminali Ricerca, Innovazione e Prospettive", Milan, 20th January 2006
- Upgrade course: "DIMI training course". 20-22th February 2006
- Congress: XIV International Symposium on Atherosclerosis, Rome, Italy, 18-22th June, 2006.
- Congress: 7th Siena Meeting From genome to proteome: back to the future. Siena, Italia, 3-7th September 2006
- Congress: XIX Congress of the Società Italiana per lo Studio dell'Emostasi e della Trombosi (SISSET), Milan, Italy, 14-17th September, 2006
- Workshop: "Nuove tecnologie separative ed analitiche in proteomica", Agilent technologies, Cernusco sul naviglio, Milan, 7th March 2007
- Congress: XXIst Congress of the International Society on Thrombosis and Haemostasis, Geneva 6-12th July 2007
- Congress: 2nd Italian Proteomic Association Conference, Acitrezza (Catania), Italy, 26th-29th June 2007
- Proteomic Seminar Series 2007, Istituto Mario Negri, Milan, 08th November 2007
- Workshop: "Sviluppo e validazione metodi nell'industria farmaceutica", Milan, 10th June 2008
- Congress: 8th Siena Meeting, Siena, Italy, August 31st-September 4th, 2008
- Workshop: "Clarity through innovation, Monza, 18th September 2008
- Workshop: Protein quantitation, Milan, 13th November 2008
- Congress: 69° Congresso nazionale Società Italiana di Cardiologia, Roma, 13-16th December 2008
- Congress: 4th Annual National Conference Italian Proteomics Association. Milan, Italy, 22-25th June, 2009,
- Congress: Hupo 8th Annual World Congress, Toronto, 26-30th September 2009
- XVI Discussion Group on Mass Spectrometry, "Mass spectrometry in Pharmaceutical, Pharmacological and Biomedical Sciences", Fiera di Primiero (TN), Italy 16- 17th November 2009
- Congress: La spettrometria di massa in Lombardia. Milan 1st December 2011.
- Congress: V Convegno Monotematico SIF Aterotrombosi: dalla Ricerca di Base alla Clinica. Milan, 3-4th November 2011
- Congress: 80th European Atherosclerosis Society congress, Milan, Italy, 25-28th May 2012
- Congress: Itpa 7th annual National conference, Viterbo, 16-20th June 2012
- Workshop: "Protein quantification", Waters. Milan, 31st October 2012
- Workshop: "High Resolution Mass Spectrometry in biomedical research", Milan, 12th December 2012
- Workshop: "Le evoluzioni nell'analisi del proteoma mediante spettrometria di massa", Milan, 11th June 2013.
- Course: "Introduction to HPLC", Milano, 2nd July 2013
- Course: "Tricks and secrets of HPLC", Milano, 3rd July 2013
- Course: "Advanced techniques in method development", Milano, 4th July 2013
- Meeting: "MS-Based Quantitative Proteomics" First meeting Proteonet, Milan, 3rd April 2014
- Congress: www.ricercamonzino.it, 27-28th February 2015

- Congress: IX Annual Congress, EuPA 23-28th June 2015, Milan, Italy
- Meeting: “Mass Spectrometry in Biomedical Sciences” 4th proteonet meeting, 16th September 2015, Milan, Italy
- Discussion group on Mass Spectrometry, Fiera di primiero (TN), 9-10th November 2015
- Congress: www.ricercamonzino.it, 3-4th march 2016
- Conference: Stati Generali della ricerca sanitaria 2016, Roma, 27-28th April 2016
- Meeting: “Sample preparation in proteomics” 5th Proteonet Meeting, 6th april 2016, Milan
- Meeting: “Post-translational modifications analysis by mass spectrometry” 6th Proteonet Meeting, 26th September 2016, Milan, Italy
- Congress: www.ricercamonzino.it, 9-10th March 2017
- Congress: MASSTRPLAN-Milan network meeting, “Mass spectrometry in clinical research and clinical diagnosis”, milan, Italy, 25-27th June 2018
- Congress: : XIII Annual Conference of the Italian Proteomics Association 2018, 5-7th September 2018
- Course: “R4.omics”, Busto Arsizio (VA), 19-20th September 2018
- Congress: 4th IFOM Symposium "Breaking Boundaries: Metabolism at the Cross-roads" November 14-15 2019, Milan, Italy
- Course: “Labvantage Biobanking Workshop Training course”, Nov-Dic 2020, virtual course
- Bruker Italian proteomics VIP Day, 29-30th June 2022, Bremen Germany
- iMASS Single cell day, 12th October 2022, Parma , Italy
- Congress: “Massa 2023- Società chimica italiana Divisione di spettrometria di massa, 28-30th June, Turin, Italy
- Congress: National Congress of the Italian Society of Chemistry, 26-30 August 2024, Milan, Italy
- Seminar: “Bound Together: Mass Spectrometry and Cryo-EM”, 14th November 2024
- Workshop: Waters technology day, 29 May 2025, Padova
- Congress: “Recent Development in Pharmaceutical Science”, 2-5 September 2025, Pavia
- Congress:” 2nd meeting of the Italian Metabolomic network, 15-16 Dec 2025, Firenze, Italy

PERSONAL SKILLS

Organizational / managerial skills

Good organizational and managerial skills for laboratory activity gained through the management of students and fellows attending the Proteomic Unit at Centro Cardiologico Monzino.

Strong attitude to problem solving.

Management of laboratory safety issues.

Knowledge of the GMP rules, eu-GMP vol.4.

Communication skills

Good verbal communication skills and ability to relate to a wide range of people gained through the participation in national and international congresses and preparation of university lessons (Bachelor degree in Pharmaceutical Biotechnology).

Good written communication skills acquired while writing papers, book chapters, and grant applications.

JOB-RELATED SKILLS

During the laboratory experience I acquired the following expertise:

- Chemistry: liquid chromatography coupled to mass spectrometry or UV detection, spectrophotometric analysis, fluorometric analysis, thin-layer chromatography, titration, solid phase extraction;
- Proteomics: Protein analysis by mass spectrometry (MALDI-TOF system, Voyager DE-STR, ABsciex) or liquid chromatography coupled to mass spectrometry (nano LC-ESI-qTOF (Synapt-MS, Synapt-XS, Waters), LC-MS/MS (Xevo TQS micro, Waters)), quantitative analysis of complex

- protein mixtures with label-free mass spectrometry-based approaches and dedicated software, absolute quantitation of proteins with MRM approaches, one- and two-dimensional electrophoresis, Gene Ontology analysis (Cytoscape, Panther, String, Ingenuity pathway analysis);
- Metabolomics: Sample preparation, targeted LC-MS/MS analysis (Qtrap5500, ABSciex and TSQ quantum access, Thermo Fisher), untargeted metabolomics/lipidomics on qTOF MS systems (6550 iFunnel, Agilent, Xevo G2-XS), GC-MS on qTOF MS systems equipped with APGC source (Xevo G2-XS), small molecules purification by HPLC (Autopurification system)
 - Biochemistry: Protein extraction from cells or tissues, protein assays, immunoprecipitation, Western-blotting, Zymography, ELISA, enzymatic assays;
 - Cellular and molecular biology: Cell culture, transient and stable transfection, gene silencing, CRISPR-Cas technology, nuclear extract preparation, RNA extraction from cells and tissues, nucleic acid quantitation, electrophoretic analysis of nucleic acids, RT-PCR, primer design, real-time PCR, immunofluorescence;
 - Data analysis: statistical analysis of biochemical data, proteomics data, and clinical data using different statistical packages including basic use of R.
 - Management of studies with animal models according to the standards for animal welfare including the submission of ministerial projects for the authorization to the treatment of animals in respect of animal welfare.
 - Management of clinical studies in search of diagnostic, prognostic, and therapeutic biomarkers in heart failure patients, including document preparation for submission to the scientific and ethical committee, interaction with the clinical trial office, editing of collection procedures, sample preparation, and storage.

During my job experience I demonstrated:

- Ability in developing novel methods, writing new operational procedures
- Ability in the management of analytic instruments such as HPLC and mass spectrometer not only as user but also in technical problems identification and solving
- Ability in project management and lab management (Orders, budget management)

Le dichiarazioni presenti nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del D.P.R. 445/2000

Personal data

I give the authorization for the treatment of my personal data according to Italian Law D. Lgs. 196/2003

Data 27/12/2025

Firma

