

PERSONAL INFORMATION

**Elena De Falco**

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Gender: Female Date of birth: 07/06/1974 Nationality: Italian

CURRENT POSITION

Associate Professor (06/N1 MED/46)
University of Rome "Sapienza"
Faculty of Pharmacy and Medicine
Department of Medical-Surgical Sciences and Biotechnologies
C.so della Repubblica 79, 04100 Latina, Italy

WORK EXPERIENCE

30/10/2015-to date

Associate Professor MED/46

University of Rome "Sapienza", Faculty of Pharmacy and Medicine
Department of Medical-Surgical Sciences and Biotechnologies

30/12/2011-29/10/2015

Assistant Professor MED/50

University of Rome "Sapienza", Faculty of Pharmacy and Medicine
Department of Medical-Surgical Sciences and Biotechnologies

2012-2015

Research Consultant (ad hoc)

Ismeri srl, Roma

2011-2014

Research Consultant (ad hoc)

- Confindustria Latina, Italy
- Centro Europeo di Formazione, Formia

2009

Scientific Internship

The Lancet/Elsevier, London, UK

2008-2011

Senior Associate-Healthcare Scientist (Grade 8)

Gene Therapy Laboratory, Institute of Child Health (Great Ormond Street Hospital), University College of London, London, UK

2007-2008

Research Associate

King's College University, Cardiovascular Department, Denmark Hill, James Black Centre, London, UK

2004-2006

Teaching Assignment (Biotechnologies-Terza Area)

Istituto Superiore Agrario "S. Benedetto", Latina

2003-2007

Researcher (Co.Co.Co/Co.Co.Pro.)

Vascular Pathology Laboratory, Istituto Dermopatico dell'Immacolata IDI, Rome, Italy

2002-2003

Researcher (Co.Co.Co)

Centro Cardiologico Monzino, Milan, Italy

EDUCATION AND TRAINING

2006 **PhD, Immunology**

University of Rome "Sapienza"

2003 **Board Certification**

University of Tuscia, Viterbo, Italy

- 2001 Post lauream Training
Department of Surgery and Transplantation "P. Stefanini", Policlinico Umberto I°, Rome, Italy
- 2001 Master Degree Biological Sciences (110/110 cum laude)
University of Rome "Sapienza"
- 1998-2001 Undergraduate Thesis
Immunology Laboratory, Istituto Superiore di Sanità, Rome, Italy

Teaching Assignment 2012-to date

University of Rome, Sapienza, Faculty of Pharmacy and Medicine

1. Interdisciplinary Class II, MS program in Diagnostic Techniques (A)
2. Interdisciplinary Class III, MS program in Diagnostic Techniques (A)
2. Physiology, MS program in Medical Radiology Techniques for Imaging and Radiotherapy (D)
3. Cell, tissue and organ Bioengineering-technical biotechnologies in surgery, CLM Medical Biotechnologies
4. Molecular and cellular basis of science-applied biology (W)
5. Molecular and cellular basis of science-genetics (W)
6. Diagnostic Techniques-clinical pathology and laboratory methodologies (D)

Research grants

- 2011: Treatment of corneal lesions using limbal stem cells (Investigator). Prot. N. C26A11MP7J. Sapienza University **€ 8000**.
- 2012: Cell-based gene therapy in acute ischemia reperfusion injury: novel tool for regenerative medicine. Prot. N. C26A12FJP (Principal Investigator). Sapienza University **€ 6000**.
- 2013: Setting up of a biosafety level 2 facility (P2) for genetic manipulation of pro- and eukaryotic cells for biomedical and translational applications. Prot. N.C26G13WLNT (Investigator). Sapienza University **€ 53000**
- 2013: Influence of the in vitro microenvironment cardiosphere-derived in the cell plasticity of human adipose tissue-derived mesenchymal stem cells. Prot. N. C26A13SC2R. (Principal Investigator). Sapienza University **€ 5000**.
- 2014: Epigenetic modifications and microRNA analysis of cardiac-like differentiated human mesenchymal stem cells. Prot. C26A1429M2. (Principal Investigator). Sapienza University **€ 5000**.
- 2014: Microscopia avanzata con sistema video confocale ad alta risoluzione per la comprensione di meccanismi fisiopatologici complessi. Prot. C26G14PSY (Investigator). Sapienza University **€ 70000**.
- 2014: Sistemi per la formazione pratica-simulata in ambito biomedico (Creazione di un Laboratorio didattico di colture cellulari-medicina rigenerativa e di un Laboratorio didattico-diagnostico di imaging per piccoli animali). Scientific Principal Coordinator section 4.1 (Latina). Fondazione Roma. **€ 215.000**
- 2015: Cardiac regeneration: Characterization, optimization and evaluation of force developed by engineered tissue obtained from spontaneous or scaffold based 3D culture of paediatric human adipose tissue-derived mesenchymal stem cells. Project Code CO-2013-02359690. Ministry of Health **€ 409383**
- 2015: An advanced combined approach: nanocomposite biomaterials and Mesenchymal stem cells as tools to reduce cardiac fibrosis. Prot. C26A1578EJ (Co-Investigator). Sapienza University **€ 10000**
- 2016: Protective role of Steen solution on endothelial and lung parenchymal cells in an in vitro model of ex vivo lung perfusion (EVLP). (Co-Investigator) Sapienza University **€ 25000**
- 2017: Innovative modelling of placenta for maternal and foetal health. Innovative Training Network (ITN Europe). Member of the Advisory Board of the project granted to Dr. C. Murdoch, Birmingham Aston University, School of Medicine (awaiting code project from European Committee).

Board Memberships/Editorial activities

- 2012- to date: National Reviewers Board (CINECA, MIUR, Ministry of Research and Instruction)

- 2012- to date: ad hoc Reviewer for the following scientific international journals: PlosOne, Cytotechnology, Cell Transplantation, FEBS, Current Genomics, Recent Patents in Regenerative Medicine, Oncotarget, Angiogenesis.

Publications

1. **De Falco E**, Porcelli D, Torella AR, Straino S, Iachinoto MG, Orlandi A, Truffa S, Biglioli P, Napolitano M, Capogrossi MC, Pesce M. SDF-1 involvement in endothelial phenotype and ischemia-induced recruitment of bone marrow progenitors cells. *Blood* 2004;104(12):3472-82. IMPACT FACTOR: 9.782
2. **De Falco E**, Iachinoto MG, Torella AR, Orlandi A, Porcelli D, Napolitano M, Pompilio G, Biglioli P, Capogrossi MC, Pesce M. Chemokine SDF-1 controls endothelial commitment of bone marrow progenitor cells. *International Journal of Cardiology* 01/2004; 95(Supplement 1):S68.. IMPACT FACTOR: 2.095
3. **De Falco E**, Avitabile D, Totta P, Straino S, Spallotta F, Cencioni C, Torella AR, Rizzi R, Porcelli D, Zacheo A, Di Vito L, Pompilio G, Napolitano M, Melillo G, Capogrossi MC, Pesce M. Altered SDF-1 mediated differentiation of bone marrow-derived endothelial progenitor cells in diabetes mellitus. *J Cell Mol Med*. 2009 Sep;13(9B):3405-14. IMPACT FACTOR: 5.228
4. Lagostena L, Avitabile D, **De Falco E**, Orlandi A, Grassi F, Iachinoto MG, Ragone G, Fucile S, Pompilio G, Eusebi F, Pesce M, Capogrossi MC. Electrophysiologic properties of mouse bone marrow C-kit+ cells co-cultured onto neonatal cardiac myocytes. *Cardiovasc Res*. 2005 Jun 1;66(3):482-92. IMPACT FACTOR: 5.283
5. Zampetaki A, Zeng L, Margariti A, Xiao Q, Li H, Zhang Z, Pepe AE, Wang G, Habi O, **De Falco E**, Cockerill G, Mason JC, Hu Y, Xu Q. HDAC3 Is Critical in Endothelial Survival and Atherosclerosis Development in Response to Disturbed Flow. *Circulation*. 2010 Jan 5;121(1):132-42. IMPACT FACTOR: 14.429
6. Margariti A, Zampetaki A, Xiao Q, Zhou B, Karamariti E, Martin D, Yin X, Mayr M, Li H, Zhang Z, **De Falco E**, Hu Y, Cockerill G, Xu Q, Zeng L. Histone Deacetylase 7 Controls Endothelial Cell Growth through Stabilization of β-Catenin. *Circ Res*. 2010 Apr 16;106(7):1202-11. IMPACT FACTOR: 9.504.
7. Riganò R. & Buttari B, **De Falco E**, Profumo E, Ortona E, Margutti P, Scottà C, Teggi A, Siracusano A. Echinococcus granulosus-specific T cell lines derived from patients at various clinical stages of cystic echinococcosis. *Parasite Immunol*. 2004, (1):45-52. IMPACT FACTOR: 1.474
8. Bouma G, Mendoza-Naranjo A, Blundell MP, **De Falco E**, Parsley K, Burns SO, Thrasher A. Cytoskeletal remodelling mediated by the Wiskott-Aldrich syndrome protein in dendritic cells is necessary for normal immune synapse formation and T cell priming. *Blood*. 2011;118(9):2492-501. IMPACT FACTOR: 9.898
9. Siciliano C, Chimenti I, Ibrahim M, Napoletano C, Mangino G, Scafetta G, Zocca GB, Rendina EA, Calogero A, Frati G, **De Falco E**. Cardiosphere conditioned media influence the plasticity of human mediastinal adipose tissue-derived mesenchymal stem cells. *Cell Transplant*. 2015, 24(11):2307-22. IMPACT FACTOR: 3.57
10. Siciliano C, Ibrahim M, Scafetta G, Napoletano C, Mangino G., Pierelli L, Frati G, **De Falco E**. Optimization of the isolation and expansion method of human mediastinal mesenchymal stem cells with virally inactivated GMP-grade platelet lysate. *Cytotechnology*. 2015, 67(1):165-74. IMPACT FACTOR: 1.449
11. Chimenti I, Gaetani R, Forte E, Angelini F, **De Falco E**, Messina E, Frati G, Giacomello A. Serum and supplement optimization for EU-GMP compliance in cardiospheres cell culture. *J Cell Mol Med*. 2014, 18(4):624-34.. IMPACT FACTOR: 3.70
12. Bastianelli D, Siciliano C, Puca R, Coccia A, Murdoch C, Bordin A, Mangino G, Pompilio G, Calogero A, **De Falco E**. Influence of Egr-1 in cardiac tissue-derived mesenchymal stem cells in response to glucose variations. *Biomed Res Int*. 2014;2014:254793. IMPACT FACTOR: 2.71
13. **De Falco E***, Biondi-Zoccali G*, Peruzzi M, Cavarretta E, Mancone M, Leoni O, Caristo ME, Lotrionte M, Marullo AGM, Amodeo A, Pacini L, Calogero A, Petrozza V, Chimenti I, D'Ascenzo F, and Frati G. *equal contribution. A Novel Closed-Chest Porcine Model of Chronic Ischemic Heart Failure Suitable for Experimental Research in Cardiovascular Disease. *Biomed Res Int*. 2013;2013:410631. IMPACT FACTOR: 2.71
14. Loffredo L, Perri L, Catasca E, Pignatelli P, Brancolini M, Nocella C, **De Falco E**. Bartomoccia S, Frati G, Carnevale R, Violì F. Dark chocolate acutely improves walking autonomy in patients with peripheral artery disease. *J Am Heart Assoc*. 2014 Jul 2;3(4). pii: e001072. IMPACT FACTOR: 2.882

15. Carnevale R, Loffredo L, Nocella C, Bartimoccia S, **De Falco E**, Peruzzi M, Chimenti I., Violà F, Frati G. Epicatechin and catechin modulate endothelial activation induced by platelets of patients with peripheral artery disease. *Oxidative Medicine and Cellular Longevity*. 2014;2014:691015. IMPACT FACTOR: 3.363
16. Carnevale R, Pastorì D, Peruzzi M, **De Falco E**, Chimenti I, Biondi-Zocca G, Greco E, Marullo AGM, Violà F, Pignatelli P, Calvieri C, Frati G. and Nocella C. Total adiponectin is inversely associated with platelet activation and CHA2DS2-VASc score in anticoagulated patients with atrial fibrillation. *Mediators Inflamm.* 2014;2014:908901. IMPACT FACTOR: 2.42
17. Carnevale R, Biondi-Zocca G, Peruzzi M, **De Falco E**, Chimenti I, Venuta F, Anile M, Diso D, Cavarretta E, Marullo A, Sartini P, Pignatelli P, Violà F, Frati G. New insight into the steen solution properties: breakthrough in antioxidant effects via nox2 downregulation. *Oxid Med Cell Longev.* 2014;2014:242180. IMPACT FACTOR: 3.363
18. Paone G, Conti V, Biondi-Zocca G, **De Falco E**, Chimenti I, Peruzzi M, Mollica C, Giannunzio G, Brunetti G, Schmid G, Ranieri VM, Frati G. Mediators of inflammation. Long-term home non-invasive mechanical ventilation increases systemic inflammatory response in chronic obstructive pulmonary disease. *Mediators Inflamm.* 2014;2014:503145. IMPACT FACTOR: 2.42
19. Scafetta G, Tricoli E, Siciliano C, Napoletano C, Puca R, Vingolo EM, Cavallaro G, Polistena A, Frati G, **De Falco E**. Suitability of human Tenon's fibroblasts as feeder cells for culturing human limbal epithelial stem cells. *Stem Cell Rev.* 2013;9(6):847-57. IMPACT FACTOR: 3.214
20. **De Falco E**, Scafetta G, Napoletano C, Puca R, Vingolo EM, Ragona G, Iorio O, Frati G. A standardized laboratory and surgical method for in vitro culture isolation and expansion of primary human Tenon's fibroblasts. *Cell Tissue Bank.* 2013;14(2):277-87. IMPACT FACTOR: 1.026
21. Scafetta G, Siciliano C, Frati G, **De Falco E**. Culture of Human Limbal Epithelial Stem Cells on Tenon's Fibroblast Feeder-Layers: A Translational Approach. *Methods. Mol. Biol.* 2015;1283:187-98. IMPACT FACTOR: 1.29
22. **De Falco E***, Menna C*, Pacini L, Scafetta G, Ruggieri P, Puca R, Petrozza V, Ciccone AM, Rendina EA, Calogero A and Ibrahim M. *equal contribution. Axitinib affects cell viability and migration of a primary foetal lung adenocarcinoma culture. *Cancer Invest.* 2014;32(1):13-21. IMPACT FACTOR: 2.060
23. Raimondi C, Nicolazzo C, Gradilone A, Giannini G, **De Falco E**, Chimenti I, Varriale E, Hauch S, Plappert L, Cortesi E, Gazzaniga P. Circulating tumor cells: Exploring intratumor heterogeneity of colorectal cancer. *Cancer Biol Ther.* 2014;15(5):496-503. IMPACT FACTOR: 3.63
24. Gazzaniga P, de Berardinis E, Raimondi C, Gradilone A, Busetto GM, **De Falco E**, Nicolazzo C, Giovannone R, Gentile V, Cortesi E, Pantel K, Circulating tumor cell detection has independent prognostic impact in high-risk non-muscle invasive bladder cancer. *Int J Cancer.* 2014;135(8):1978-82. IMPACT FACTOR: 5.007
25. Pacini L, **De Falco E**, Di Bari M, Coccia A, Siciliano C, Ponti D, Pastore AL, Petrozza V, Carbone A, Tata AM, Calogero A. M2 muscarinic receptors inhibit cell proliferation and migration in urothelial bladder cancer cells. *Cancer Biol Ther.* 2014;15(11):1489-98. IMPACT FACTOR: 3.63
26. Murdoch CE, Broadway-Stringer SA, Bartkeviciute M, Siciliano C, Altobelli R, **De Falco E**. Stem cell therapies for ischemic cardiovascular diseases. *Recent Patent on Reg. Medicine.* 2014. 09/2014; 4(3). IMPACT FACTOR: 0
27. Peruzzi M, Colombo D, **De Falco E**, Chimenti I, Abbate A, Frati G, and Biondi-Zocca G. Biologic Therapy for Psoriatic Arthritis or Moderate to Severe Plaque Psoriasis: Systematic Review with Pairwise and Network Meta-Analysis. *International Journal of Statistics in Medical Research.* 2014;3:74-87. IMPACT FACTOR: 0
28. Peruzzi M, Colombo D, Chimenti I, **De Falco E**, Abbate A, Frati G and Biondi-Zocca G. Comparative Risk-Benefit Analysis of Different Classes of Biologic Agents in Patients with Psoriasis: A Case Study on the Pros and Cons of Mixed Treatment Comparison in Synthesizing Complex Evidence Networks. *International Journal of Statistics in Medical Research.* 2014; 3:231-247. IMPACT FACTOR: 0
29. Peruzzi M, Biondi-Zocca G, Frati L, **De Falco E**, Chimenti I, Greco E, Antonino G. M. Marullo, Vitulli P., Frati G., Bridging regenerative medicine based therapies into the 21st Century: solo or symphony. *Inter. Arch. Medicine* 2015, (8) Vol. 81:1-7. IMPACT FACTOR: 1.08.
30. **De Falco E***, Peruzzi M*, Abbate A, Biondi-Zocca G, Chimenti I, Lotrionte M, Benedetto M, Delewi R, Marullo A and Frati G.. * equal contribution. State of the art on the evidence base in cardiac regenerative therapy: overview of 41 systematic reviews. *Biomed Res Inter.* 2015;2015:613782. IMPACT FACTOR: 2.71

31. Carducci A, Scafetta G, Siciliano C, Carnevale R, Rosa P, Coccia A, Mangino G, Bordin A, Vingolo EM, Pierelli L, Lendaro E, Ragona G, Frati G, **De Falco E.** GMP-grade platelet lysate enhances proliferation and migration of Tenon fibroblasts. *Front Biosci (Elite Ed)*. 2016 Jan 1;8:84-99. IMPACT FACTOR: 4.249.
32. Biondi Zocca G, Cerrato E, Peruzzi M, D'Ascenzo F, **De Falco E**, Chimenti I, Sciarretta S, Marullo AGM, Cavarretta E, Greco E, Di Benedetto U, Pompilio G, Abbate A, Chachques J, Semino C, Frati G. An International survey, on taking up a career in cardiovascular research: opportunities and biases toward would-be physician-scientists. *PlosOne*, 2015, 10(7):e0131900. IMPACT FACTOR: 3.534.
33. Siciliano C, Chimenti I, Bordin A, Ponti D, Iudicone P, Peruzzi M, Rendina EA, Calogero A, Pierelli L, Ibrahim M, **De Falco E.** The potential of GMP-compliant platelet lysate to induce a permissive state for cardiovascular transdifferentiation in human mediastinal adipose tissue-derived mesenchymal stem cells. *Biomed Res Inter*. 2015 2015;2015:162439. IMPACT FACTOR: 2.71.
34. Spaltro G, Avitabile D, **De Falco E.**, Gambini E. Physiological conditions influencing regenerative potential of stem cells. *(Frontiers In Bioscience, Landmark*, 2016 Jun 1;21:1126-50. IMPACT FACTOR: 4.249.
35. Bartimoccia S, Carnevale R, Sanguigni V, **De Falco E**, Frati G, Loffredo L, Plebani A, Soresina A, Pignatelli P, Violi F. NOX 5 is expressed in platelets from patients with chronic granulomatous disease. *Thrombosis and Haemostasis*. 2016;116(1). IMPACT FACTOR: 4.984.
36. Carnevale R, Sciarretta S, Violi F, Nocella C, Loffredo L, Perri L, Peruzzi M, Marullo AG, **De Falco E**, Chimenti I, Valenti V, Biondi-Zocca G, Frati G.. Acute impact of tobacco versus electronic cigarette smoking on oxidative stress and vascular function. *Chest*. 2016;150(3):606-12. IMPACT FACTOR: 7.132.
37. **De Falco E**, Carnevale R, Pagano F, Chimenti I, Fianchini L, Bordin A, Siciliano C, Monticolo R, Equitani F, Carrizzo A, Peruzzi M, Vecchione C, Rubattu S, Sciarretta S, Frati G., Role of NOX2 in mediating doxorubicin-induced senescence in human endothelial progenitor cells. *Mech Ageing Dev*. 2016 Oct;159:37-43. IMPACT FACTOR: 3.397.
38. Businaro R, Di Raimo T, Corsi M, Siciliano C, Frati G, **De Falco E**. Multidisciplinary approaches to stimulate wound healing . *Ann NY Acad Sci*. 2016;1378(1):137-142 IMPACT FACTOR: 4.383.
39. Siciliano C, Bordin A, Ibrahim M, Chimenti I, Cassiano F, Gatto I, Mangino G, Coccia A, Miglietta S, Bastianelli D, Petrozza V, Calogero A, Frati G, **De Falco E**. The adipose tissue of origin influences the biological potential of human adipose stromal cells isolated from mediastinal and subcutaneous fat depots. *Stem Cell Res*. 2016;17(2):342-351. IMPACT FACTOR: 3.892
40. Chimenti I, Pagano F, Angelini F, Siciliano C, Mangino G, Picchio V, **De Falco E**, Peruzzi M, Carnevale R, Ibrahim M, Biondi-Zocca G, Messina E, Frati G.. Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells With Distinctive Paracrine and Plasticity Properties. *Stem Cells Transl Med*. 2016 Sep 22. pii: sctm.2015-0374. [Epub ahead of print]. IMPACT FACTOR: 4.7
41. Chimenti I, Pagano F, Cavarretta E, Angelini F, Peruzzi M, Barretta A, Greco E, **De Falco E**, Marullo AG, Sciarretta S, Biondi-Zocca G, Frati G. B-blockers treatment of cardiac surgery patients enhances isolation and improves phenotype of cardiosphere-derived cells. *Sci Rep*. 2016 Nov 14;6:36774. IMPACT FACTOR: 5.228
42. Forte M, Nocella C, **De Falco E**, Palmerio S, Schirone L, Valenti V, Frati G, Carnevale R, Sciarretta S. The Pathophysiological Role of NOX2 in Hypertension and Organ Damage. *High Blood Press Cardiovasc Prev*. 2016 Dec;23(4):355-364. IMPACT FACTOR: 1.16.
43. Pagano F, Angelini F, Siciliano C, Tasciotti J, Mangino G, **De Falco E**, Carnevale R, Sciarretta S, Frati G, Chimenti I. Beta2-adrenergic signaling affects the phenotype of human cardiac progenitor cells through EMT modulation. *Pharmacol Res*. 2017 Jan 15. pii: S1043-6618(16)30624-7. IMPACT FACTOR: 4.816.
44. Sciarretta S, **De Falco E**, Frati G, Sadoshima J. How to be young at heart? miR-22 as a potential therapeutic target to boost autophagy and protect the old myocardium. *Ann Transl Med*. 2017 Feb;5(3):52. IMPACT FACTOR: NA
45. Pagano F, Nocella C, Sciarretta S, Fianchini L, Siciliano C, Mangino G, Ibrahim M, **De Falco E**, Carnevale R, Chimenti I, Frati G. Cytoprotective and antioxidant effects of Steen solution on human lung spheroids and human endothelial cells. *Am J Transplant*. 2017 Mar 20. doi: 10.1111/ajt.14278. IMPACT FACTOR: 5.683.
46. Angelini F., Pagano F, Bordin A, Milan M, Chimenti I, Peruzzi M, Valenti V, Marullo A, Schirone L, Palmerio S, Sciarretta S, Murdoch CE, Frati G, De Falco E. The impact of environmental factors in influencing epigenetics related to oxidative states in the cardiovascular system. *Oxid Med Cell Longev*. 2017;2017:2712751. doi: 10.1155/2017/2712751. IMPACT FACTOR: 4.593.

47. De Falco E, Bordin A, Scaccia E, Pagano F, Ibrahim M, Schirone L, Angelini F, Palmerio S, Madonna M, Flanchini L, Chimenti I, Sciarretta S, Frati G. Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. *Int J Cardiol.* 2017 Jun 2. pii: S0167-5273(17)31296-2. doi: 10.1016/j.ijcard.2017.05.112. IMPACT FACTOR: 6.189
48. Schirone L, Forte M, Palmerio S, Yee D, Nocella C, Angelini F, Pagano F, Schiavon S, Bordin A, Carrizzo A, Vecchione C, Valenti V, Chimenti I, De Falco E, Sciarretta S, Frati G. A review of the molecular mechanisms underlying the development and progression of cardiac remodelling. 2017 in press. IMPACT FACTOR: 4.593
49. Straface E, Gambardella L, Pagano F, Angelini F, Ascione B, Vona R, De Falco E, Cavarretta E, La Russa R, Malomi V, Frati G, Chimenti I. Sex differences of human cardiac progenitor cells in the biological response to TNF- α treatment. 2017 in press *Stem Cells Int.* IMPACT FACTOR: 3.540

LATINA, 21/06/2017

FIRMA

ELENA DE FALCO

