Curriculum Vitae

Dott. Gargioli Cesare

Data e luogo di nascita: 12 Novembre 1972, a Frascati (RM) Italy

Carriera Scolastica

- **4/2005** PhD in Biologia dello Sviluppo presso: il Centro di Medicina Rigenerativa, Dipartimento di Biologia e Biochimica, Università di Bath, UK.

- **3/2000** Laurea in Biologia "*cum laude*" presso la 2° Università di Roma "Tor Vergata",IT.

Awards

- **2014** Ricercatore di tipo A, Università di Roma "Tor Vergata"

- **2012** Posizione "Tenure track" Chancellor, Università di Edinburgo, UK

- **1/2005-2009** Assegno di Ricerca: Università di Roma "La Sapienza"

- **3/2004** 2° Premio per la miglior foto Development/Welcome

- **10/2001-2004** Borsa di Studio: Welcome Trust

- **3/2000-9/2001** Borsa di Studio per giovani Biologi: Università di "Tor Vergata"/IRBM

Organizzazione di Convegni e Società Scientifiche

- **2017** 63° Convegno GEI, componente del comitato organizzativo

- **2016- present** Componente del Comitato Scientifico dell'IIM (Istituto Interuniversitario di Miologia).

Pubblicazioni selezionate

Gargioli C, Coletta M, De Grandis F, Cannata SM, and Cossu G. PlGF-MMP9 expressing cells restore microcirculation and efficacy of cell therapy in old dystrophic muscle. Nat Med. 2008b Sep 14(9):97

Rizzi R, Bearzi C, Arianna M, Bernardini S, Cannata S and Gargioli C. Tissue engineering for skeletal muscle regeneration. MLTJ 2012; 2(3): 230-34

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Bearzi C, Gargioli C, Baci D, Fortunato O, Shapira-Schweitzer K, Kossover O, Latronico MV, Seliktar D, Condorelli G, Rizzi R. PlGF-MMP9-engineered iPS cells supported on a PEG-fibrinogen hydrogel scaffold possess an enhanced capacity to repair damaged myocardium. Cell Death Dis. 2014 Feb 13;5:e1053. doi: 10.1038/cddis.2014.12.

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Spada F, Fuoco C, Pirrò S, Paoluzi S, Castagnoli L, Gargioli C, Cesareni G N Biotechnol. Characterization by mass cytometry of different methods for the preparation of muscle mononuclear cells. 2016 Jan 7. pii: S1871-6784(15)00275-7. doi: 10.1016/j.nbt.2015.12.007. [Epub ahead of print]

Vono R, Fuoco C, Testa S, Pirrò S, Maselli D, Mc Collough DF, Sangalli E, Pintus G, Giordo R, Finzi G, Sessa F, Cardani R, Gotti A, Losa S, Cesareni G, Rizzi R, Bearzi C, Cannata S, Spinetti G, Gargioli C#, Madeddu P#. Activation of the Pro-Oxidant PKCβII-p66Shc Signaling Pathway Contributes to Pericyte Dysfunction in Skeletal Muscles of Diabetic Patients with Critical Limb Ischemia. Diabetes. 2016 Sep 6. pii: db160248. [Epub ahead of print] (#Co-corresponding authors)

Testa S, Costantini M, Bernardini S, Trombetta M, Seliktar D, Cannata S, Rainer A and Gargioli C. Combination of biochemical and mechanical cues for tendon tissue engineering. J Cell Mol Med. 2017 May 4. [Epub ahead of print]

Costantini M, Testa S, Fornetti E, Barbetta A, Trombetta M, Cannata S, Gargioli C# and Rainer A#. Engineering Muscle Networks in 3DGelatin Methacryloyl Hydrogels: Influence of Mechanical Stiffnessand Geometrical Confinement. Front Bioeng Biotechnol. 2017 Apr 7;5:22. (#Co-corresponding authors)

Costantini M, Testa S, Mozetic P, Barbetta A, Fornaretti E, Tamiro F, Jaroszewicz J, Święszkowski W, Trombetta M, Seliktar D, Garstecki P, Cesareni G, Cannata S, Rainer A and Gargioli C. Microfluidically enhanced 3D bioprinting of highly aligned hydrogel structures for *in vitro* and *in vivo* fabrication of artificial muscle tissue. Biomaterials. 2017 Jul;131:98-110.

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