

# Curriculum Vitæ

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## Informazioni personali

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Data di nascita 12/01/1967

## Titoli di studio

Data di conseguimento 31/10/1996  
Titolo conseguito Laurea specialistica/magistrale  
Descrizione Laurea Specialistica in Scienze Biologiche  
Voto conseguito 110/110 e lode  
Titolo della Tesi Azione concertata della proteina S100 e della Calpactina I nella regolazione dello stato di assemblaggio dei filamenti intermedi gliali.  
Classe di laurea 12 Classe delle lauree in scienze biologiche  
Nome e indirizzo istituzione Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA

Data di conseguimento 19/07/1989  
Titolo conseguito Diploma universitario (vecchio ordin.)  
Descrizione Diploma di Tecnico di Laboratorio Biomedico  
Voto conseguito 50/50 e lode  
Nome e indirizzo istituzione Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA

## Esperienze

Periodo 01/06/2017 - oggi  
Posizione Dipendente tecnico-amministrativo  
Qualifica Posizione economica D3  
Nome e indirizzo istituzione Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA  
Struttura Dip. L.240/2010 SCIENZE FARMACEUTICHE

Periodo 01/01/2009 - 31/12/2016  
Posizione Dipendente tecnico-amministrativo  
Qualifica Posizione economica D2  
Tipo di attività svolta Ricerca  
Nome e indirizzo

istituzione	Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA
Struttura	Dip. MEDICINA SPERIMENTALE E SCIENZE BIOCHIMICHE
Periodo	30/12/2005 - 31/12/2008
Posizione	Dipendente tecnico-amministrativo
Qualifica	Posizione economica D1
Tipo di attività svolta	Ricerca
Nome e indirizzo istituzione	Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA
Struttura	Dip. MEDICINA SPERIMENTALE E SCIENZE BIOCHIMICHE
Periodo	31/12/2003 - 29/12/2005
Posizione	Dipendente tecnico-amministrativo
Qualifica	Posizione economica C3
Tipo di attività svolta	Ricerca
Nome e indirizzo istituzione	Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA
Struttura	Dip. MEDICINA SPERIMENTALE E SCIENZE BIOCHIMICHE
Periodo	01/01/2003 - 30/12/2003
Posizione	Dipendente tecnico-amministrativo
Qualifica	Posizione economica C2
Nome e indirizzo istituzione	Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA
Struttura	Dip. MEDICINA SPERIMENTALE E SCIENZE BIOCHIMICHE
Periodo	09/08/2000 - 31/12/2002
Posizione	Dipendente tecnico-amministrativo
Qualifica	Posizione economica C1
Nome e indirizzo istituzione	Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA
Struttura	Dip. MEDICINA SPERIMENTALE E SCIENZE BIOCHIMICHE
Periodo	01/01/1991 - 08/08/2000
Posizione	Dipendente tecnico-amministrativo
Qualifica	V liv. - Collaboratore amministrativo
Nome e indirizzo istituzione	Università degli Studi di PERUGIA - P.zza dell' Università', 1 - PERUGIA
Struttura	Dip. MEDICINA SPERIMENTALE E SCIENZE BIOCHIMICHE

**Elenco dei prodotti della ricerca**

Arcuri C, Fioretti B, Bianchi R, Mecca C, Tubaro C, Beccari T, Franciolini F, Giambanco I, Donato R. (2017).

Microglia-glioma cross-talk: a two way approach to new strategies against glioma. FRONTIERS IN BIOSCIENCE, vol. 1, p. 268-309, ISSN: 1093-9946, doi: 10.2741/4486

Arcuri C., Mecca C., Bianchi R., Giambanco I., Donato R. (2017). The role of microglia in dynamic surveillance, phagocytosis and structural remodeling of the developing CNS - doi: 10.3389/fnmol.2017.00191.. FRONTIERS IN MOLECULAR NEUROSCIENCE, ISSN: 1662-5099

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Morozzi Giulio, Beccafico Sara, Bianchi Roberta, Riuzzi Francesca, Bellezza Ilaria, Giambanco Ileana, Arcuri Cataldo, Minelli Alba, Donato Rosario (2017). Oxidative stress-induced S100B accumulation converts myoblasts into brown adipocytes via an NF- $\kappa$ B/YY1/miR-133 axis and NF- $\kappa$ B/YY1/BMP-7 axis. CELL DEATH AND DIFFERENTIATION, ISSN: 1350-9047, doi: 10.1038/cdd.2017.132

Guglielmo Sorci, Francesca Riuzzi, Cataldo Arcuri, Claudia Tubaro, Roberta Bianchi, Ileana Giambanco, Rosario Donato (2013). S100B protein in tissue development, repair and regeneration. WORLD JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 4, p. 1-12, ISSN: 1949-8454, doi: 10.4331/wjbc.v4.i1.1

Bianchi R., Kastrisianaki E., Giambanco I., Donato R. (2011). S100B protein stimulates microglia migration via RAGE-dependent upregulation of chemokine expression

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BIANCHI R, GIAMBANCO I, R. DONATO (2010). S100B/RAGE-dependent activation of microglia via NF-kappaB and AP-1 Co-regulation of COX-2 expression by S100B, IL-1beta and TNF-alpha. NEUROBIOLOGY OF AGING, vol. 31, p. 665-677, ISSN: 0197-4580, doi: 10.1016/j.neurobiolaging.2008.05.017

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SORCI G, BIANCHI R, RIUZZI F, TUBARO C, ARCURI C, GIAMBANCO I, R. DONATO (2010). S100B protein, a damage-associated molecular pattern protein in the brain and heart, and beyond. CARDIOVASCULAR PSYCHIATRY AND NEUROLOGY, ISSN: 2090-0163, doi: 10.1155/2010/656481

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DONATO R, G. SORCI, RIUZZI F, ARCURI C, BIANCHI R, BROZZI F, TUBARO C, GIAMBANCO I (2009). S100B's double life: Intracellular regulator and extracellular signal.. BIOCHIMICA ET BIOPHYSICA ACTA, vol. 1793, p. 1008-1022, ISSN: 0006-3002

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neuritogenesis in NGF-treated PC12 cells.. In: 54th National Meeting of the Italian Society of Biochemistry and Molecular Biology.

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their responsiveness to NGF via Akt activation. THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 280, p. 4402-4414, ISSN: 0021-9258

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M. FERRINI, L. MACCHIONI, V. NARDICCHI, C. ARCURI, R. MANNUCCI, BIANCHI R, I. NICOLETTI, R. DONATO (2004). Immunolocalization of secretori phospholipase A2 in neural cells. In: Riccione, 28 settembre- 1 ottobre 2004: 49° Congresso Nazionale, SIB 2004.

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neural cells. CHEMISTRY AND PHYSICS OF LIPIDS, vol. 130 \_ FEBS Special Meeting, p. 37, ISSN: 0009-3084, doi: 10.1016/j.chemphyslip.2004.04.001

BIANCHI R, ILEANA GIANBANCO, CATALDO ARCURI AND ROSARIO DONATO (2003). Subcellular localization of S100A11 (S100C) in LLC-PK1 Renal Cells: Calcium- and Protein Kinase C-Dependent Association of S100A11 with S100B and Vimentin Intermediate Filaments. MICROSCOPY RESEARCH AND TECHNIQUE, vol. 60, p. 639-651, ISSN: 1059-910X

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ARCURI C., I. GIAMBANCO, BIANCHI R., DONATO R. (2002). Subcellular localization of S100A11 (S100C, calgizzarin) in developing and adult avian skeletal muscles.. BIOCHIMICA ET BIOPHYSICA ACTA, vol. 1600, p. 84-94, ISSN: 0006-3002

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Arcuri C., Bianchi R., Donato R.F. (2002). Overexpression of S100B in PC12 cells results in increased proliferation and reduced sensitivity to NGF. In: 42nd American Society for Cell Biology Annual Meeting.

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C. ARCURI, BIANCHI R, R. DONATO (2002). Overexpression of S100B in PC12 Cells results in increased proliferation and reduced sensitività to NGF. In: Pisa, 20-23 settembre 2002: LVI Congresso Società Italiana di Anatomia.

C. ARCURI, BIANCHI R, R. DONATO (2002). Overexpression of S100B in PC12 cells results in increased proliferation and reduced sensitivity to NGF. In: San Francisco, 14-18 Dicembre 2002: 42nd American Society for Cell Biology Annual Meeting.

C. ARCURI, I. GIAMBANCO, BIANCHI R (2002). Annexin V, Annexin VI, S100A1 and S100B in developing and adult avian skeletal muscles. NEUROSCIENCE, vol. 109, p. 371-388, ISSN: 0306-4522

C. ARCURI, I. GIAMBANCO, BIANCHI R, R. DONATO (2002). S100A11 (S100C) in developing and adult avian skeletal muscles. In: Bruxelles, 12-15 Giugno 2002: Seventh European symposium on calcium binding proteins in normal and trasformed cells.

CATALDO ARCURI, ILEANA GIANBANCO, BIANCHI R, ROSARIO DONATO (2002). Subcellular localization of S100A11 (S100C, calgizzarin) in developing and adult avian skeletal muscles. BIOCHIMICA ET BIOPHYSICA ACTA, vol. 1600, p. 84-94, ISSN: 0006-3002

G. SORCI, A.L. AGNELETTI, BIANCHI R, M. VERZINI AND R. DONATO (2000). Extracellular S100B causes nuclear translocation of NF-kB in rat L6 myoblasts likely by binding to RAGE. In: Firenze, 21-24 Settembre 2000: LIV Congresso - Società di Anatomia.

Sorci G., Agneletti A.L., Bianchi R., Verzini M., Donato R.F. (2000). Extracellular S100B causes nuclear translocation of NF- $\kappa$ B in rat L6 myoblasts likely by binding to RAGE. In: LIV Congresso della Società Italiana di Anatomia. ITALIAN JOURNAL OF ANATOMY AND EMBRYOLOGY, vol. 105(2) Suppl. 1, ISSN: 1122-6714

G. SORCI, BIANCHI R, I. GIAMBANCO, M.G. RAMBOTTI, R. DONATO (1999). Replicating myoblasts and fused myotubes express the calcium-regulated proteins S100A1 and S100B. CELL CALCIUM, vol. 25, p. 93-106, ISSN: 0142-8020

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MARIO RENDE, EMANUELA BRIZI, GUGLIELMO SORCI, BIANCHI R, CARLO PROVENZANO, ROSALINDA BRUNO AND ROSARIO DONATO (1999). Regulation of the p75 neurotrophin receptor in a rat myogenic cell line (L6). HISTOCHEMICAL JOURNAL, vol. 31, p. 589-601, ISSN: 0018-2214

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G. SORCI, BIANCHI R, I. GIAMBANCO, M.G. RAMBOTTI, R. DONATO (1997). Colocalization of S100B with intermediate filaments and microtubules in L6 myoblasts and U251 glial cells. In: Washington, 13-17 Dicembre 1997: 37th American Society for Cell Biology Annual Meeting.

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