

Curriculum Vitae di
Beatrice Nico

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Posizioni Ricoperte nel Medesimo Ateneo
23-11-1977 Tecnico Laureato
4-12-1993 Professore Associato II fascia
31-12-2004 Professore Ordinario I Fascia

Autrice di 253 Pubblicazioni Scientifiche su riviste internazionali impattate

PUBBLICAZIONI SCIENTIFICHE 2007-2017

1. RIBATTI D, NICO B, RUGGIERI S, TAMMA R, SIMONE G, MANGIA A (2016). Angiogenesis and Antiangiogenesis in Triple-Negative Breast cancer. *Transl Oncol.* 9(5):453-457. doi10.1016/j.tranon.2016.07.002. Review.
2. DI MARZO L, DESANTIS V, SOLIMANDO AG, RUGGIERI S, ANNESE T, NICO B, FUMARULO R, VACCA A, FRASSANITO MA (2016). Microenvironment drug resistance in multiple myeloma: emerging new players. *Oncotarget.* 13;7(37):60698-60711. doi: 10.18632/oncotarget.10849. Review.
3. ANNESE T, CORSI P, RUGGIERI S, TAMMA R, MARINACCIO C, PICOCCHI S, ERREDE M, SPECCHIA G, DE LUCA A, FRASSANITO MA, DESANTIS V, VACCA A, RIBATTI D, NICO B (2016). Isolation and characterization of neural stem cells from dystrophic mdx mouse. *Exp Cell Res.* 343(2):190-207. doi: 10.1016/j.yexcr.2016.03.019
4. CAPOGROSSO RF, COZZOLI A, MANTUANO P, CAMERINO GM, MASSARI AM, SBLENDORIO VT, DE BELLIS M, TAMMA R, GIUSTINO A, NICO B, MONTAGNANI M, DE LUCA A (2016). Assessment of resveratrol, apocynin and taurine on mechanical-metabolic uncoupling and oxidative stress in a mouse model of duchenne muscular dystrophy: A comparison with the gold standard, α -methyl prednisolone. *Pharmacol Res.* 106:101-13. doi: 1016/j.phrs.2016.02.016
5. LAMANUZZI A, SALTARELLA I, FERRUCCI A, RIA R, RUGGIERI S, RACANELLI V, RAO L, ANNESE T, NICO B, VACCA A, RIBATTI D (2016). Role of erythropoietin in the angiogenic

activity of bone marrow endothelial cells of MGUS and multiple myeloma patients. *Oncotarget* 7(12):14510-21. doi 10.18632/oncotarget.7587

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7.GIACOMINI A, ACKERMANN M, BELLERI M, COLTRINI D, NICO B, RIBATTI D, KONERDING MA, PRESTA M, RIGHI M (2015). Brain angioarchitecture and intussusceptive microvascular growth in a murine model of Krabbe disease. *Angiogenesis* 18(4):499-510. doi: 10.1007/s10456-015-9481-6

8.MARINACCIO C, INGRAVALLO G, GAUDIO F, PERRONE T, RUGGIERI S, OPINTO G, NICO B, MAIORANO E, SPECCHIA G, RIBATTI D (2015). T cells, mast cells and microvascular density in diffuse large B cell lymphoma. *Clin Exp Med*.

9.RIBATTI D, NICO B, VACCA A (2015). Multiple myeloma as a model for the role of bone marrow niches in the control of angiogenesis. *Int Rev Cell Mol Biol*. 314:259-82

10.RIBATTI D, NICO B, CRIVELLATO E. (2015). The development of the vascular system: a historical overview. *Methods Mol Biol*. 1214:1-14

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12.MARINACCIO C, INGRAVALLO G, GAUDIO F, PERRONE T, NICO B, MAIORANO E, SPECCHIA G, RIBATTI D (2014). Microvascular density, CD68 and tryptase expression in human diffuse large B-cell lymphoma. *Leuk Res*. 38:1374-7

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14.MARINACCIO C, NICO B, MAIORANO E, SPECCHIA G, RIBATTI D (2014). Insights in Hodgkin Lymphoma angiogenesis. *Leuk Res*. 38(8):857-61

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PACELLI C, COCCO T (2014). Effect of resveratrol on mitochondrial function: implications in parkin-associated familial Parkinson's disease. *Biochim Biophys Acta.* 1842:

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TITOLI

Responsabile del Laboratorio di Neuroscienze presso la sezione di Anatomia ed Istologia del Dipartimento di Scienze Mediche di Base Neuroscienze e Organi di Senso.

Partecipazione al collegio dei Docenti del Dottorato di Ricerca accreditato dall' ANVUR: Dottorato di ricerca in Trapianti di tessuti ed organi e terapie cellulari

Responsabile di progetti di ricerca finanziati dai Fondi di Ateneo dell'Università degli Studi di Bari (ex 60%), e componente di unità operative nell'ambito dei progetto di ricerca FIRB (2001-2006); PRIN (2005-2007; 2007-09); AIRC regionale (2005-2008); Associazione Italiana per la lotta al Neuroblastoma (2005-2007) ; MIUR-CARSO (2005-2007); Fondazione Carime (2009).; Bionucleon (2011-12) ; Unione Europea (2012-2014);

Editor di: Recent Advances in Angiogenesis in Central Nervous System (2008).
Transworld Research Network.

Reviews su invito da parte delle riviste internazionali, Cerebellum, Neuroscience, Current Neurovascular Research, Histology and Histopathology e capitoli di libri sull'angiogenesi, sulla barriera ematoencefalica e sul tessuto nervoso, editi dalle case editrici Kluwer Academic/Plenum Publisher, M. Nedergaard Eds (Holland), Wiley, Springer, Dordrecht (Germany) , Idelson-Gnocchi e Monduzzi (Italy).

Attività di referee per conto di riviste internazionali : Neuroscience, Microvascular Research, Anatomy and Embriology, Histology and Histopathology, Human Molecular Genetic; Current Cancer Drug Target; Recent Patent on CNS Drug Discovery.

Attività di ricerca dal 1996-97 al 2000-01 presso il Zentrum Anatomie, Abteilung Histologie, dell'Università di Gottingen, diretto dal Prof. R. Herken.

Relatore a congressi nazionali ed Internazionali:

1. La barriera emato-encefalica: struttura, perdita dell'integrità Problematiche Neurologiche In Ematologia Udine 22 Novembre 2008
2. La Barriera Ematoencefalica in condizioni normali e patologiche. International Satellite Symposium AICC-GISM. Pivotal aspects in mesenchimal stem cells expansion. Milano, 24-26 novembre 2010
3. Angiogenesis in the brain of mdx mouse. Workshop SIICA : Angiogenesi :basi molecolari e implicazioni terapeutiche III Certosa di Pontignano, Siena, 10-12 maggio 2010
4. Nerve Growth Factor e angiogenesi Workshop MrM:Nerve Growth Factor- Istituto di Biologia Cellulare-CNR Roma. 20,1,2012
5. Dystrophyn and vascular permeability in the Brain. 4th Conference of the Mediterranean Neuroscience Society. Istanbul, 30-9/3-10, 2012
- 6 . Nerve Growth Factor as an angiogenic factor . Classic and Modern In Angiogenesis and Lymhoangiogenesis Workshop. 22.24 Maggio , 2012, Timisoara.
Glial Dystrophin-associate proteins and Blood brain Barrier in the mdx dystrophic brain. Workshop .Institut de la Vision. Paris.19-03-2013

7. Le cellule staminali indotte e La distrofia Muscolare di Duchenne.
Giornata Malattie Neuromuscolari, Bari. 4-03-2017

10, marzo 2017

Beatrice Ugo