



## Elenco dei titoli e delle pubblicazioni scientifiche

### Settore Concorsuale:05/B2 - ANATOMIA COMPARATA E CITOLOGIA Prima Fascia

**Giovanni BERNARDINI**

#### Posizione accademica

Settore Scientifico Disciplinare:	BIO/06 - Anatomia comparata e citologia
Qualifica:	Professore Ordinario
Anzianità nel ruolo:	01/02/2001
Sede Universitaria:	Università degli Studi INSUBRIA Varese-Como
Struttura di afferenza (dipartimento o altro):	Biotechnologie e Scienze della Vita

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
01/11/1992	Professore II Fascia	Università degli Studi di MILANO
01/11/1998	Professore II Fascia	Università degli Studi INSUBRIA Varese-Como
01/02/2001	Professore I Fascia	Università degli Studi INSUBRIA Varese-Como

## Pubblicazioni scientifiche

1	2018	<p>Articolo in rivista</p> <p>Terova G, Rimoldi S, Izquierdo M, Pirrone C, Ghrab W, Bernardini G. (2018). Nano-delivery of trace minerals for marine fish larvae: influence on skeletal ossification, and the expression of genes involved in intestinal transport of minerals, osteoblast differentiation, and oxidative stress response.. FISH PHYSIOLOGY AND BIOCHEMISTRY, vol. -, p. 1-17, ISSN: 1573-5168, doi: 10.1007/s10695-018-0528-7</p>
2	2018	<p>Articolo in rivista</p> <p>Pirrone, Cristina, Rossi, Federica, Cappello, Simone, Borgese, Marina, Mancini, Giuseppe, Bernardini, Giovanni, Gornati, Rosalba (2018). Evaluation of biomarkers in <i>Mytilus galloprovincialis</i> as an integrated measure of biofilm-membrane bioreactor (BF-MBR) system efficiency in mitigating the impact of oily wastewater discharge to marine environment: a microcosm approach. AQUATIC TOXICOLOGY, vol. 198, p. 49-62, ISSN: 0166-445X, doi: 10.1016/j.aquatox.2018.02.018</p>
3	2017	<p>Articolo in rivista</p> <p>Balzaretti Riccardo, Meder Fabian, Monopoli Marco P., Boselli Luca, Armenia Ilaria, Pollegioni Loredano, Bernardini Giovanni, Gornati Rosalba (2017). Synthesis, characterization and programmable toxicity of iron oxide nanoparticles conjugated with D-amino acid oxidase. RSC ADVANCES, vol. 7, p. 1439-1442, ISSN: 2046-2069, doi: 10.1039/c6ra25349k</p>
4	2017	<p>Articolo in rivista</p> <p>Palombella Silvia, Pirrone Cristina, Cherubino Mario, Valdatta Luigi, Bernardini Giovanni, Gornati Rosalba (2017). Identification of reference genes for qPCR analysis during hASC long culture maintenance. PLOS ONE, vol. 12, p. e0170918, ISSN: 1932-6203, doi: 10.1371/journal.pone.0170918</p>
5	2017	<p>Articolo in rivista</p> <p>Izquierdo M, Ghrab W, Roo J, Hamre K, Hernández-Cruz Cm, Bernardini G, Terova G, Saleh R (2017). Organic, inorganic, and nanoparticles of Se, Zn, and Mn in early weaning diets for gilthead seabream (<i>Sparus aurata</i>; Linnaeus, 1758).. AQUACULTURE RESEARCH, vol. 48, p. 2852-2867, ISSN: 1355-557X, doi: 10.1111/are.13119</p>
6	2017	<p>Articolo in rivista</p> <p>Armenia, Ilaria, Balzaretti, Riccardo, Pirrone, Cristina, Allegretti, Chiara, D'Arrigo, Paola, Valentino, Mattia, GORNATI, ROSALBA, BERNARDINI, GIOVANNI BATTISTA, POLLEGIONI, LOREDANO (2017). L-aspartate oxidase magnetic nanoparticles: synthesis, characterization and L-aspartate bioconversion. RSC ADVANCES, vol. 7, p. 21136-21143, ISSN: 2046-2069, doi: 10.1039/c7ra00384f</p>

7	2017	Articolo in rivista Daniele Zanella, Elena Bossi, Rosalba Gornati, Carlos Bastos, Nuno Faria, Giovanni Bernardini (2017). Iron oxide nanoparticles can cross plasma membranes. SCIENTIFIC REPORTS, vol. 7, p. 1-10, ISSN: 2045-2322, doi: 10.1038/s41598-017-11535-z
8	2017	Articolo in rivista Cristina Pirrone, Alessandra Gobetti, Christian Caprara, Giovanni Bernardini, Rosalba Gornati, Gianni Soldati (2017). Chondrogenic potential of hASCs expanded in flask or in a hollow-fiber bioreactor. JOURNAL OF STEM CELL RESEARCH AND MEDICINE, vol. 2, p. 1-10, ISSN: 2398-6530, doi: 10.15761/JSCRM.1000123
9	2017	Articolo in rivista Silvia Palombella, Cristina Pirrone, Federica Rossi, Ilaria Armenia, Mario Cherubino, Luigi Valdatta, Mario Raspanti, Giovanni Bernardini, Rosalba Gornati (2017). Effects of Metal Micro and Nano-Particles on hASCs: An In Vitro Model. NANOMATERIALS, vol. 7, p. 1-14, ISSN: 2079-4991, doi: 10.3390/nano7080212
10	2016	Articolo in rivista Bossi Elena, Zanella Daniele, Gornati Rosalba, Bernardini Giovanni (2016). Cobalt oxide nanoparticles can enter inside the cells by crossing plasma membranes. SCIENTIFIC REPORTS, vol. 6, p. 22254, ISSN: 2045-2322, doi: 10.1038/srep22254
11	2016	Articolo in rivista Gornati Rosalba, Longo Arturo, Rossi Federica, Maisano Maria, Sabatino Giuseppe, Mauceri Angela, Bernardini Giovanni, Fasulo Salvatore (2016). Effects of titanium dioxide nanoparticle exposure in Mytilus galloprovincialis gills and digestive gland. NANOTOXICOLOGY, vol. 10, p. 807-817, ISSN: 1743-5390, doi: 10.3109/17435390.2015.1132348
12	2016	Articolo in rivista ROSSI, FEDERICA, PALOMBELLA, SILVIA, PIRRONE, CRISTINA, BERNARDINI, GIOVANNI BATTISTA, GORNATI, ROSALBA (2016). Evaluation of tissue morphology and gene expression as biomarkers of pollution in mussel Mytilus galloprovincialis caging experiment. AQUATIC TOXICOLOGY, vol. 181, p. 57-66, ISSN: 0166-445X, doi: 10.1016/j.aquatox.2016.10.018
13	2016	Articolo in rivista Isabella Dalle Donne, Graziano Colombo, GORNATI, ROSALBA, Maria L. Garavaglia, Nicola Portinaro, Daniela Giustarini, BERNARDINI, GIOVANNI BATTISTA, Ranieri Rossi, Aldo, Milzani (2016). Protein carbonylation in human smokers and mammalian models of exposure to cigarette smoke: focus on redox proteomics studies. ANTIOXIDANTS & REDOX SIGNALING, vol. 00, p. 1-21, ISSN: 1557-7716, doi: 10.1089/ars.2016.6772

14	2016	<p>Articolo in rivista</p> <p>Cherubino Mario, Valdatta Luigi, Balzaretti Riccardo, Pellegatta Igor, Rossi Federica, Protasoni Marina, Tedeschi Alessandra, Accolla Roberto, Bernardini Giovanni, Gornati Rosalba (2016). Human adipose-derived stem cells promote vascularization of collagen-based scaffolds transplanted into nude mice. <i>REGENERATIVE MEDICINE</i>, vol. 11, p. 261-271, ISSN: 1746-0751, doi: 10.2217/rme-2015-0010</p>
15	2015	<p>Articolo in rivista</p> <p>Rimoldi S., Bossi E., Harpaz S., Cattaneo A.G., Bernardini G., Saroglia M., Terova G. (2015). Intestinal B0AT1 (SLC6A19) and PEPT1 (SLC15A1) mRNA levels in European sea bass (<i>Dicentrarchus labrax</i>) reared in fresh water and fed fish and plant protein sources. <i>JOURNAL OF NUTRITIONAL SCIENCE</i>, vol. 4, p. 1-13, ISSN: 2048-6790, doi: 10.1017/jns.2015.9</p>
16	2015	<p>Articolo in rivista</p> <p>Petrarca Claudia, Clemente Emanuela, Amato Valentina, Pedata Paola, Sabbioni Enrico, Bernardini Giovanni, Iavicoli Ivo, Cortese Sara, Niu Qiao, Otsuki Takemi, Paganelli Roberto, Di Gioacchino Mario (2015). Engineered metal based nanoparticles and innate immunity. <i>CLINICAL AND MOLECULAR ALLERGY</i>, vol. 13, p. 1-12, ISSN: 1476-7961, doi: 10.1186/s12948-015-0020-1</p>
17	2015	<p>Articolo in rivista</p> <p>RIMOLDI, SIMONA, Lasagna, Emiliano, Sarti, Francesca Maria, Marelli, Stefano Paolo, Cozzi, Maria Cristina, BERNARDINI, GIOVANNI BATTISTA, TEROVA, GENCIANA (2015). Expression profile of six stress-related genes and productive performances of fast and slow growing broiler strains reared under heat stress conditions. <i>META GENE</i>, vol. 6, p. 17-25, ISSN: 2214-5400, doi: 10.1016/j.mgene.2015.08.003</p>
18	2015	<p>Articolo in rivista</p> <p>Cappellini, F., Recordati, C., De Maglie, M., POLLEGIONI, LOREDANO, Rossi, F., Daturi, M., GORNATI, ROSALBA, BERNARDINI, GIOVANNI BATTISTA (2015). New synthesis and biodistribution of the D-amino acid oxidase magnetic nanoparticle system. <i>FUTURE SCIENCE OA</i>, vol. 1, p. 1-14, ISSN: 2056-5623, doi: 10.4155/fso.15.67</p>
19	2015	<p>Articolo in rivista</p> <p>Gornati Rosalba, Pedretti Elisa, Rossi Federica, Cappellini Francesca, Zanella Michela, Olivato Iolanda, Sabbioni Enrico, Bernardini Giovanni . (2015). Zerovalent Fe, Co and Ni nanoparticle toxicity evaluated on SKOV-3 and U87 cell lines. <i>JOURNAL OF APPLIED TOXICOLOGY</i>, vol. -, p. 1-9, ISSN: 0260-437X, doi: 10.1002/jat.3220</p>
20	2014	<p>Articolo in rivista</p> <p>Sabbioni E., Fortaner S., Farina M., Del Torchio R., Petrarca C., Bernardini G., Mariani-Costantini R., Perconti S., Di Giampaolo L., Gornati R., Di Gioacchino M. (2014). Interaction with culture medium components, cellular uptake and intracellular distribution of cobalt nanoparticles, microparticles and ions in Balb/3T3 mouse fibroblasts. <i>NANOTOXICOLOGY</i>, vol. 8, p. 88-99, ISSN: 1743-5390, doi: 10.3109/17435390.2012.752051</p>

21	2014	<p>Articolo in rivista</p> <p>Castellini Cesare, Ruggeri Silvia, Mattioli Simona, Bernardini Giovanni, Macchioni Lara, Moretti Elena, Collodel Giulia (2014). Long-term effects of silver nanoparticles on reproductive activity of rabbit buck. <i>SYSTEMS BIOLOGY IN REPRODUCTIVE MEDICINE</i>, vol. 60, p. 143-150, ISSN: 1939-6368, doi: 10.3109/19396368.2014.891163</p>
22	2014	<p>Articolo in rivista</p> <p>Claudia Petrarca, Emanuela Clemente, Luca Di Giampaolo, Renato Mariani-Costantini, Kerstin Leopold, Roland Schindl, Lavinia V. Lotti, Rocco Mangifesta, Enrico Sabbioni, Qiao Niu, Giovanni Bernardini, Mario Di Gioacchino (2014). Palladium Nanoparticles Induce Disturbances in Cell Cycle Entry and Progression of Peripheral Blood Mononuclear Cells: Paramount Role of Ions. <i>JOURNAL OF IMMUNOLOGY RESEARCH</i>, vol. 2014, p. 1-8, ISSN: 2314-7156, doi: 10.1155/2014/295092</p>
23	2014	<p>Articolo in rivista</p> <p>Sabbioni E., Fortaner S., Farina M., Del Torchio R., Olivato I., Petrarca C., Bernardini G., Mariani Costantini R., Perconti S., Di Giampaolo L., Gornati R., Di Gioacchino M. (2014). Cytotoxicity and morphological transforming potential of cobalt nanoparticles, microparticles and ions in Balb/3T3 mouse fibroblasts: an in vitro model. <i>NANOTOXICOLOGY</i>, vol. 8, p. 455-464, ISSN: 1743-5390, doi: 10.3109/17435390.2013.796538</p>
24	2014	<p>Contributo in volume (Capitolo o Saggio)</p> <p>Anna G. Cattaneo, Rosalba Gornati, Giovanni Bernardini, Enrico Sabbioni, Luigi Manzo, Mario Di Gioacchino (2014). Testing Nanotoxicity: An Update of New and Traditional Methods. In: S. C. Sahu D. A. Casciano. (a cura di): S.C. Sahu D.A. Casciano, <i>Handbook of Nanotoxicology, Nanomedicine and Stem Cell Use in Toxicology</i>. vol. 1, p. 3-34, Chichester:John Wiley &amp; Sons Ltd, ISBN: 9781118439265</p>
25	2014	<p>Contributo in volume (Capitolo o Saggio)</p> <p>Cattaneo Anna G., Gornati Rosalba, Bernardini Giovanni, Sabbioni Enrico, Manzo Luigi, Di Gioacchino Mario (2014). Nanomedicine for the Brain and the Eye: Disease Management in Poorly Accessible Compartments of the Body. In: S. C. Sahu D. A. Casciano. (a cura di): S. C. Sahu D. A. Casciano, <i>Handbook of Nanotoxicology, Nanomedicine and Stem Cell Use in Toxicology</i>. vol. 1, p. 223-247, Chichester:John Wiley &amp; Sons Ltd, ISBN: 9781118439265</p>
26	2013	<p>Articolo in rivista</p> <p>Terova G, Rimoldi S, Parisi G, Gasco L, Pais A, Bernardini G (2013). Molecular cloning and gene expression analysis in aquaculture science: a review focusing on respiration and immune responses in European sea bass (<i>Dicentrarchus labrax</i>). <i>REVIEWS IN FISH BIOLOGY AND FISHERIES</i>, vol. 23, p. 175-194, ISSN: 0960-3166, doi: 10.1007/s11160-012-9290-6</p>

27	2013	Articolo in rivista Terova G., Rimoldi S., Bernardini G., Saroglia M. (2013). Inhibition of myostatin gene expression in skeletal muscle of fish by in vivo electrically mediated dsRNA and shRNAi delivery. MOLECULAR BIOTECHNOLOGY, vol. 54, p. 673-684, ISSN: 1073-6085, doi: 10.1007/s12033-012-9609-5
28	2013	Articolo in rivista Bava A., Gornati R., Cappellini F., Caldinelli L., Pollegioni L., Bernardini G. (2013). D-amino acid oxidase-nanoparticle system: a potential novel approach for cancer enzymatic therapy. NANOMEDICINE, vol. 8, p. 1797-1806, ISSN: 1743-5889, doi: 10.2217/nnm.12.187
29	2013	Articolo in rivista Terova G., Robaina L., Izquierdo M., Cattaneo A.G., Molinari S., Bernardini G., Saroglia M. (2013). PepT1 mRNA expression levels in sea bream ( <i>Sparus aurata</i> ) fed different plant protein sources. SPRINGERPLUS, vol. 2, p. 1-14, ISSN: 2193-1801, doi: 10.1186/2193-1801-2-17
30	2013	Articolo in rivista Elena Vismara, Antonio Valerio, Alessia Coletti, Giangiacomo Torri, Sabrina Bertini, Giorgio Eisele, Rosalba Gornati, Giovanni Bernardini (2013). Non-covalent synthesis of metal oxide nanoparticle–heparin hybrid systems: a new approach to bioactive nanoparticles.. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol. 14, p. 13463-13481, ISSN: 1422-0067, doi: 10.3390/ijms140713463
31	2013	Articolo in rivista Gornati R., Colombo G., Clerici M., Rossi F., Gagliano N., Riva C., Colombo R., Dalle-Donne I., Bernardini G., Milzani A. (2013). Protein carbonylation in human endothelial cells exposed to cigarette smoke extract. TOXICOLOGY LETTERS, vol. 218, p. 118-128, ISSN: 0378-4274, doi: 10.1016/j.toxlet.2013.01.023
32	2013	Articolo in rivista Perconti S., Aceto G.M., Verginelli F., Napolitano F., Petrarca C., Bernardini G., Raiconi G., Tagliaferri R., Sabbioni E., Di Gioacchino M., Mariani-Costantini R. (2013). Distinctive gene expression profiles in Balb/3T3 cells exposed to low dose cobalt nanoparticles, microparticles and ions: potential nanotoxicological relevance.. JOURNAL OF BIOLOGICAL REGULATORS & HOMEOSTATIC AGENTS, vol. 27, p. 443-454, ISSN: 0393-974X
33	2013	Articolo in rivista Bava A., Cappellini F., Pedretti E., Rossi F., Caruso E., Vismara E., Chiriva-Internati M., Bernardini G., Gornati R. (2013). Heparin and carboxymethylchitosan metal nanoparticles: an evaluation of their cytotoxicity. BIOMED RESEARCH INTERNATIONAL, vol. 2013, p. 1-10, ISSN: 2314-6133, doi: 10.1155/2013/314091

34	2012	Articolo in rivista Addis MF, Pisanu S, Preziosa E, Bernardini G, Pagnozzi D, Roggio T, Uzzau S, Saroglia M, Terova G. (2012). 2D DIGE/MS to investigate the impact of slaughtering techniques on postmortem integrity of fish filet proteins. JOURNAL OF PROTEOMICS, vol. 75, p. 3654-3664, ISSN: 1874-3919, doi: 10.1016/j.jprot.2012.04.021
35	2012	Articolo in rivista Prunet P, Øverli Ø, Douxfils J, Bernardini G, Kestemont P, Baron D. (2012). Fish welfare and genomics.. FISH PHYSIOLOGY AND BIOCHEMISTRY, vol. 38, p. 43-60, ISSN: 0920-1742
36	2012	Articolo in rivista Schutt C, Bumm K, Mirandola L, BERNARDINI, GIOVANNI BATTISTA, D'Cunha N, Tijani L, Nguyen D, Cordero J, Jenkins MR, Cobos E, Kast WM, Chiriva Internati M. (2012). Immunological treatment options for locoregionally advanced head and neck squamous cell carcinoma.. INTERNATIONAL REVIEWS OF IMMUNOLOGY, vol. 31, p. 22-42, ISSN: 0883-0185
37	2012	Contributo in volume (Capitolo o Saggio) Terova G, Corà S, Verri T, Gornati R, Bernardini G, Saroglia M (2012). Transcriptomics of the Compensatory Growth in European Sea Bass ( <i>Dicentrarchus labrax</i> ).. In: Edited by Marco Saroglia and Zhanjiang (John) Liu.. Functional Genomics in Aquaculture.. vol. -, p. 113-128, Wiley-Blackwell, a John Wiley & Sons, Ltd Publication., ISBN: 9780470960080, doi: 10.1002/9781118350041.ch5
38	2012	Contributo in volume (Capitolo o Saggio) Tognoli C, Gornati R, Saroglia M, Terova G, Bernardini G (2012). Functional Genomics of Stress: Molecular Biomarkers for Evaluating Fish CNS Activity - Chapter 9. In: Edited by Marco Saroglia and Zhanjiang (John) Liu. Functional Genomics in Aquaculture. vol. -, p. 205-218, Wiley-Blackwell, a John Wiley & Sons, Ltd Publication, ISBN: 9780470960080, doi: 10.1002/9781118350041.ch9
39	2011	Articolo in rivista Terova G, Addis MF, Preziosa E, Pisanu S, Pagnozzi D, Biosa G, Gornati R, Bernardini G, Roggio T, Saroglia M (2011). Effects of postmortem storage temperature on sea bass ( <i>Dicentrarchus labrax</i> ) muscle protein degradation: Analysis by 2-D DIGE and mass spectrometry. PROTEOMICS, vol. 11, p. 2901-2910, ISSN: 1615-9861, doi: 10.1002/pmic.201100073
40	2011	Articolo in rivista Terova G, Preziosa E, Marelli S, Gornati R, Bernardini G, Saroglia M (2011). Applying transcriptomics to better understand the molecular mechanisms underlying fish filet quality. FOOD CHEMISTRY, vol. 124, p. 1268-1276, ISSN: 0308-8146, doi: 10.1016/j.foodchem.2010.07.061
41	2011	Articolo in rivista Tognoli C, Saroglia M, Terova G, Gornati R, Bernardini G (2011). Identification of fish species by 5S rRNA gene amplification. FOOD CHEMISTRY, vol. 129, p. 1860-1864, ISSN: 0308-8146, doi: 10.1016/j.foodchem.2011.05.133

42	2011	Articolo in rivista Chiriva Internati M, Mirandola L, Yu Y, Jenkins MR, GORNATI, ROSALBA, BERNARDINI, GIOVANNI BATTISTA, Gioia M, Chiaramonte R, Cannon MJ, Kast WM, Cobos E. (2011). Cancer testis antigen, ropporin, is a potential target for multiple myeloma immunotherapy. JOURNAL OF IMMUNOTHERAPY, vol. 34, p. 490-499, ISSN: 1524-9557, doi: 10.1097/CJI.0b013e31821ca76f
43	2011	Articolo in rivista Terova G, Cattaneo AG, Preziosa E, Bernardini G, Saroglia M (2011). Impact of acute stress on antimicrobial polypeptides mRNA copy number in several tissues of marine sea bass ( <i>Dicentrarchus labrax</i> ).. BMC IMMUNOLOGY, vol. 12:69, p. 1-19, ISSN: 1471-2172, doi: 10.1186/1471-2172-12-69
44	2011	Articolo in rivista Di Gioacchino M, Petrarca C, Lazzarin F, Di Giampaolo L, Sabbioni E, Boscolo P, Mariani-Costantini R, Bernardini G. (2011). Immunotoxicity of nanoparticles. INTERNATIONAL JOURNAL OF IMMUNOPATHOLOGY AND PHARMACOLOGY, vol. 24, p. 65S-71S, ISSN: 0394-6320
45	2011	Articolo in rivista Mirandola L, Cannon MJ, Cobos E, BERNARDINI, GIOVANNI BATTISTA, Jenkins MR, Kast WM, Chiriva Internati M. (2011). Cancer testis antigens: novel biomarkers and targetable proteins for ovarian cancer.. INTERNATIONAL REVIEWS OF IMMUNOLOGY, vol. 30, p. 127-137, ISSN: 0883-0185, doi: 10.3109/08830185.2011.572504
46	2011	Contributo in volume (Capitolo o Saggio) Bernardini G., Cattaneo A.G., Sabbioni E., Di Gioacchino M., Chiriva-Internati M., Gornati R. (2011). Toxicology of Engineered Metal Nanoparticles. In: (a cura di): Daniel A. Casciano and Saura C. Sahu, Handbook of Systems Toxicology. vol. 1, p. 729-742, Jhon Wiley & Sons Ltd, ISBN: 9780470684016
47	2010	Articolo in rivista TOGNOLI, CHIARA, ROSSI, FEDERICA, Di Cola F, Baj G, Tongiorgi E, TEROVA, GENCIANA, SAROGLIA, MARCO, BERNARDINI, GIOVANNI BATTISTA, GORNATI, ROSALBA (2010). Acute stress alters transcript expression pattern and reduces processing of proBDNF to mature BDNF in <i>Dicentrarchus labrax</i> .. BMC NEUROSCIENCE, vol. 11, p. 1-17, ISSN: 1471-2202
48	2010	Articolo in rivista CATTANEO, ANNA GIULIA, GORNATI, ROSALBA, Sabbioni E., Chiriva Internati M., Cobos E., Jenkins M. R., BERNARDINI, GIOVANNI BATTISTA (2010). Nanotechnology and human health: risks and benefits. JOURNAL OF APPLIED TOXICOLOGY, vol. 30, p. 730-744, ISSN: 0260-437X, doi: 10.1002/jat.1609



49	2010	Articolo in rivista TETTAMANTI, GIANLUCA, CATTANEO, ANNA GIULIA, GORNATI, ROSALBA, DE EGUILIOR, MAGDA ANNA, BERNARDINI, GIOVANNI BATTISTA, BINELLI, GIORGIO PIETRO MARIO (2010). Phylogenesis of Brain Derived Neurotrophic Factor (BDNF) in Vertebrates. GENE, vol. 450, p. 85-93, ISSN: 0378-1119, doi: 10.1016/j.gene.2009.07.023
50	2009	Articolo in rivista RIMOLDI S, TEROVA G, BRAMBILLA F, BERNARDINI G, GORNATI R, SAROGLIA M (2009). Molecular characterization and expression analysis of Na <sup>+</sup> /H <sup>+</sup> exchanger (NHE)-1 and c-Fos genes in sea bass ( <i>Dicentrarchus labrax</i> , L) exposed to acute and chronic hypercapnia.. JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY, vol. 375, p. 32-40, ISSN: 0022-0981, doi: 10.1016/j.jembe.2009.05.002
51	2009	Articolo in rivista TEROVA G, RIMOLDI S, BRAMBILLA F, GORNATI R, BERNARDINI G, SAROGLIA M (2009). In vivo regulation of GLUT2 mRNA in sea bass ( <i>Dicentrarchus labrax</i> ) in response to acute and chronic hypoxia.. COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. PART B, BIOCHEMISTRY & MOLECULAR BIOLOGY, vol. 152, p. 306-316, ISSN: 1096-4959, doi: 10.1016/j.cbpb.2008.12.011
52	2009	Articolo in rivista TEROVA, GENCIANA, Corà S, Verri T, RIMOLDI, SIMONA, BERNARDINI, GIOVANNI BATTISTA, SAROGLIA, MARCO (2009). Impact of feed availability on PepT1 mRNA expression levels in sea bass ( <i>Dicentrarchus labrax</i> ). AQUACULTURE, vol. 294, p. 288-299, ISSN: 0044-8486, doi: 10.1016/j.aquaculture.2009.06.014
53	2009	Articolo in rivista Bosisio S., Fortaner S., Bellineto S., Farina M., Del Torchio R., PRATI, MARIANGELA, GORNATI, ROSALBA, BERNARDINI, GIOVANNI BATTISTA, Sabbioni E. (2009). Developmental toxicity, uptake and distribution of sodium chromate assayed by frog embryo teratogenesis assay-Xenopus(FETAX). SCIENCE OF THE TOTAL ENVIRONMENT, vol. 407(18), p. 5039-5045, ISSN: 0048-9697, doi: 10.1016/j.scitotenv.2009.05.047
54	2009	Articolo in rivista Cattaneo A.G., Gornati R., Chiriva-Internati M., Bernardini G. (2009). Ecotoxicology of nanomaterials: the role of invertebrate testing. INVERTEBRATE SURVIVAL JOURNAL, vol. 6, p. 78-97, ISSN: 1824-307X
55	2009	Articolo in rivista Papis E., ROSSI, FEDERICA, RASPANTI, MARIO, Dalle Donne I., Colombo G., Milzani A., BERNARDINI, GIOVANNI BATTISTA, GORNATI, ROSALBA (2009). Engineered cobalt oxide nanoparticles readily enter cells. TOXICOLOGY LETTERS, vol. 189, p. 253-259, ISSN: 0378-4274, doi: 10.1016/j.toxlet.2009.06.851

56	2009	Articolo in rivista ROSSI, FEDERICA, BERNARDINI, GIOVANNI BATTISTA, Bonfanti P., Colombo A., PRATI, MARIANGELA, GORNATI, ROSALBA (2009). Effects of TCDD on Spermatogenesis Related Factor-2 (SRF-2): Gene expression in Xenopus.. TOXICOLOGY LETTERS, vol. 191(2-3), p. 189-194, ISSN: 0378-4274, doi: 10.1016/j.toxlet.2009.08.022
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## Titoli

Responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari

- European Commission CCR.IHCP.C432029.X0 Gangliosides as possible more sensitive biomarkers of carcinogenic potential of chemicals in balb3t3 cell lines  
dal 01-01-1950 al 01-01-1950
- 6-C-129 Ministero delle Politiche Agricole e Forestali - Creazione di una libreria di espressione di gonadi di tonno rosso  
dal 01-01-1950 al 01-01-1950
- European Commission ECVAM/99/02 Metabolism and metal induced embryotoxic and teratogenic effects  
dal 01-01-1950 al 01-01-1950
- TITOLARE DEL FONDO ATENEI PER LA RICERCA LA CUI DOMANDA DI FINANZIAMENTO è SOTTOPOSTA A VALUTAZIONE  
dal 01-01-2002 a oggi

Direzione o partecipazione a comitati editoriali di riviste, collane editoriali, enciclopedie e trattati di riconosciuto prestigio

- Editorial Board Journal Applied Toxicology  
dal 01-01-1950 a oggi

Incarichi di insegnamento o di ricerca (fellowship) presso qualificati atenei e istituti di ricerca esteri o sovranazionali

- University of Rochester, Rochester, NY - Post Doctoral Research Associate 06/1979 02/1982  
dal 01-06-1979 al 01-02-1982
- University of California at Davis, Davis, CA - Associate in the Experimental Station  
06/1987 09/1987  
dal 01-06-1987 al 01-09-1987

Premi e riconoscimenti per l'attività scientifica, inclusa l'affiliazione ad accademie di riconosciuto prestigio nel settore

- MEMBER OF THE EXPERT PANEL FOR THE EVALUATION OF FETAX (National Toxicology program (Department of Health and Human Services, USA) and Environmental Toxicology Program (National Institute of Environmental Health Sciences  
dal 01-01-1950 al 01-01-1950

Altri titoli che contribuiscano a una migliore definizione del profilo scientifico

- MEMBRO DEL CONSIGLIO DI DOTTORATO DI RICERCA IN SCIENZE DELLA VITA E BIOTECNOLOGIE  
dal 01-01-1950 a oggi
- -Direttore Dipartimento di Biotecnologie e Scienze della Vita  
-Rappresentante PO nel CdA dell'Università dell'Insubria  
-Membro Senato Accademico  
-Membro Consiglio Scientifico del Protein Factory (Centro interuniversitario Università dell'Insubria e Politecnico di Milano)  
-Responsabile di U.O. del CIB (Consorzio Interuniversitario di Biotecnologie)  
dal 01-01-1950 al 01-01-1950



