

**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	2020	<p>Articolo in rivista Petrarca, Claudia, Poma, Anna Maria, Vecchiotti, Giulia, Bernardini, Giovanni, Niu, Qiao, Cattaneo, Anna Giulia, Di Gioacchino, Mario, Sabbioni, Enrico (2020). Cobalt magnetic nanoparticles as theranostics: Conceivable or forgettable?. NANOTECHNOLOGY REVIEWS, vol. 9, p. 1522-1538, ISSN: 2191-9097, doi: 10.1515/ntrev-2020-0111</p>
2	2020	<p>Articolo in rivista Stefania Ancora, Federica Rossi, Marina Borgese, Cristina Pirrone, Iliaria Caliani, Simone Cappello, Giuseppe Mancini, Nicola Bianchi, Claudio Leonzio, Giovanni Bernardini, Rosalba Gornati (2020). Assessing the Effect of Contaminated and Restored Marine Sediments in Different Experimental Mesocosms Using an Integrated Approach and Mytilus galloprovincialis as a Model. MARINE BIOTECHNOLOGY, vol. 22, p. 411-422, ISSN: 1436-2228, doi: 10.1007/s10126-020-09961-8</p>
3	2020	<p>Articolo in rivista Borgese M., Barone L., Rossi F., Raspanti M., Papait R., Valdatta L., Bernardini G., Gornati R. (2020). Effect of nanostructured scaffold on human adipose-derived stem cells: Outcome of in vitro experiments. NANOMATERIALS, vol. 10, p. 1-11, ISSN: 2079-4991, doi: 10.3390/nano10091822</p>
4	2020	<p>Articolo in rivista Patrizia Bonfanti, Anita Colombo, Melissa Saibene, Luisa Fiandra, Iliaria Armenia, Federica Gamberoni, Rosalba Gornati, Giovanni Bernardini, Paride Mantecca (2020). Iron nanoparticle bio-interactions evaluated in Xenopus laevis embryos, a model for studying the safety of ingested nanoparticles. NANOTOXICOLOGY, vol. 14, p. 196-213, ISSN: 1743-5390, doi: 10.1080/17435390.2019.1685695</p>
5	2019	<p>Articolo in rivista Pistochini A., Rossi F., Gallo S., Pirrone C., Preti A., Gornati R., Bernardini G., Castelnuovo P. (2019). Multiple gene expression profiling suggests epithelial dysfunction in polypoid chronic rhinosinusitis. ACTA OTORHINOLARYNGOLOGICA ITALICA, vol. 39, p. 169-177, ISSN: 1827-675X, doi: 10.14639/0392-100X-2361</p>
6	2019	<p>Articolo in rivista Gornati R, Maisano M, Pirrone C, Cappello T, Rossi F, Borgese M, Giannetto A, Cappello S, Mancini G, Bernardini G, Fasulo S (2019). Mesocosm system to evaluate BF-MBR efficacy in mitigating oily-wastewater discharges: an integrated study on Mytilus galloprovincialis.. MARINE BIOTECHNOLOGY, vol. 21, p. 773-790, ISSN: 1436-2228, doi: 10.1007/s10126-019-09923-9</p>



7	2019	Articolo in rivista Armenia, I., Grazú Bonavia, M. V., De Matteis, L., Ivanchenko, P., Martra, G., Gornati, R., de la Fuente, J. M., Bernardini, G. (2019). Enzyme activation by alternating magnetic field: Importance of the bioconjugation methodology. <i>JOURNAL OF COLLOID AND INTERFACE SCIENCE</i> , vol. 537, p. 615-628, ISSN: 0021-9797, doi: 10.1016/j.jcis.2018.11.058
8	2019	Articolo in rivista Zanella D., Bossi E., Gornati R., Faria N., Powell J., Bernardini G. (2019). The direct permeation of nanoparticles through the plasma membrane transiently modifies its properties. <i>BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES</i> , vol. 1861, p. 1-9, ISSN: 0005-2736, doi: 10.1016/j.bbamem.2019.05.019
9	2018	Articolo in rivista Armenia Ilaria, Marcone Giorgia Letizia, Berini Francesca, Orlandi Viviana Teresa, Pirrone Cristina, Martegani Eleonora, Gornati Rosalba, Bernardini Giovanni, Marinelli Flavia (2018). Magnetic nanoconjugated teicoplanin: A novel tool for bacterial infection site targeting. <i>FRONTIERS IN MICROBIOLOGY</i> , vol. 9, p. 1-17, ISSN: 1664-302X, doi: 10.3389/fmicb.2018.02270
10	2018	Articolo in rivista Pirrone, Cristina, Rossi, Federica, Cappello, Simone, BORGESSE, 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. <i>AQUATIC TOXICOLOGY</i> , vol. 198, p. 49-62, ISSN: 0166-445X, doi: 10.1016/j.aquatox.2018.02.018
11	2018	Articolo in rivista 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. <i>FISH PHYSIOLOGY AND BIOCHEMISTRY</i> , vol. 44, p. 1375-1391, ISSN: 1573-5168, doi: 10.1007/s10695-018-0528-7
12	2017	Articolo in rivista 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. <i>PLOS ONE</i> , vol. 12, p. e0170918, ISSN: 1932-6203, doi: 10.1371/journal.pone.0170918
13	2017	Articolo in rivista 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. <i>RSC ADVANCES</i> , vol. 7, p. 21136-21143, ISSN: 2046-2069, doi: 10.1039/c7ra00384f



14	2017	Articolo in rivista Balzaretto 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
15	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
16	2017	Articolo in rivista 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
17	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
18	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 <i>Mytilus galloprovincialis</i> gills and digestive gland. NANOTOXICOLOGY, vol. 10, p. 807-817, ISSN: 1743-5390, doi: 10.3109/17435390.2015.1132348
19	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
20	2016	Articolo in rivista CHERUBINO, MARIO, VALDATTA, LUIGI, Balzaretto, Riccardo, Pellegatta, Igor, Rossi, Federica, PROTASONI, MARINA, Tedeschi, Alessandra, ACCOLLA, ROBERTO, BERNARDINI, GIOVANNI BATTISTA, GORNATI, ROSALBA (2016). Human adipose-derived stem cells promote vascularization of collagen-based scaffolds transplanted into nude mice. REGENERATIVE MEDICINE, vol. 11, p. 261-271, ISSN: 1746-0751, doi: 10.2217/rme-2015-0010



21	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 <i>Mytilus galloprovincialis</i> caging experiment. <i>AQUATIC TOXICOLOGY</i> , vol. 181, p. 57-66, ISSN: 0166-445X, doi: 10.1016/j.aquatox.2016.10.018
22	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. <i>SCIENTIFIC REPORTS</i> , vol. 6, p. 22254, ISSN: 2045-2322, doi: 10.1038/srep22254
23	2015	Articolo in rivista Petarca 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
24	2015	Articolo in rivista GORNATI, ROSALBA, PEDRETTI, ELISA, ROSSI, FEDERICA, CAPPELLINI, FRANCESCA, Zanella, Michela, Olivato, Iolanda, Sabbioni, Enrico, BERNARDINI, GIOVANNI BATTISTA (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
25	2015	Articolo in rivista Rimoldi, S., BOSSI, ELENA, Harpaz, S., Cattaneo, A. G., BERNARDINI, GIOVANNI BATTISTA, SAROGLIA, MARCO, TEROVA, GENCIANA (2015). Intestinal BOAT1 (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
26	2015	Articolo in rivista 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
27	2015	Articolo in rivista 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



28	2014	Articolo in rivista 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. NANOTOXICOLOGY, vol. 8, p. 455-464, ISSN: 1743-5390, doi: 10.3109/17435390.2013.796538
29	2014	Articolo in rivista 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. NANOTOXICOLOGY, vol. 8, p. 88-99, ISSN: 1743-5390, doi: 10.3109/17435390.2012.752051
30	2014	Articolo in rivista 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. SYSTEMS BIOLOGY IN REPRODUCTIVE MEDICINE, vol. 60, p. 143-150, ISSN: 1939-6368, doi: 10.3109/19396368.2014.891163
31	2014	Articolo in rivista 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. JOURNAL OF IMMUNOLOGY RESEARCH, vol. 2014, p. 1-8, ISSN: 2314-7156, doi: 10.1155/2014/295092
32	2014	Contributo in volume (Capitolo o Saggio) Cattaneo, Anna G., GORNATI, ROSALBA, BERNARDINI, GIOVANNI BATTISTA, 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, Handbook of Nanotoxicology, Nanomedicine and Stem Cell Use in Toxicology. vol. 1, p. 223-247, Chichester:John Wiley & Sons Ltd, ISBN: 9781118439265
33	2014	Contributo in volume (Capitolo o Saggio) 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, Handbook of Nanotoxicology, Nanomedicine and Stem Cell Use in Toxicology. vol. 1, p. 3-34, Chichester:John Wiley & Sons Ltd, ISBN: 9781118439265
34	2013	Articolo in rivista Elena Vismara, Antonio Valerio, Alessia Coletti, Giangiacomo Torri, Sabrina Bertini, Giorgio Eisele, GORNATI, ROSALBA, BERNARDINI, GIOVANNI BATTISTA (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



35	2013	Articolo in rivista BAVA, ADRIANA, CAPPELLINI, FRANCESCA, PEDRETTI, ELISA, ROSSI, FEDERICA, CARUSO, ENRICO, Vismara E., Chiriva Internati M., BERNARDINI, GIOVANNI BATTISTA, GORNATI, ROSALBA (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
36	2013	Articolo in rivista 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>).. REVIEWS IN FISH BIOLOGY AND FISHERIES, vol. 23, p. 175-194, ISSN: 0960-3166, doi: 10.1007/s11160-012-9290-6
37	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
38	2013	Articolo in rivista TEROVA, GENCIANA, Robaina, L., Izquierdo, M., Cattaneo, A. G., Molinari, S., BERNARDINI, GIOVANNI BATTISTA, SAROGLIA, MARCO (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
39	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
40	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
41	2013	Articolo in rivista TEROVA, GENCIANA, Rimoldi, S., BERNARDINI, GIOVANNI BATTISTA, SAROGLIA, MARCO (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
42	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



43	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
44	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
45	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
46	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 (Dicentrarchus labrax).. 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
47	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
48	2011	Articolo in rivista Terova G, Addis MF, Preziosa E, Pisanu S, Pagnozzi D, Biossa G, Gornati R, Bernardini G, Roggio T, Saroglia M (2011). Effects of postmortem storage temperature on sea bass (Dicentrarchus labrax) 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
49	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
50	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



51	2011	Articolo in rivista TEROVA, GENCIANA, Cattaneo AG, PREZIOSA, ELENA, BERNARDINI, GIOVANNI BATTISTA, SAROGLIA, MARCO (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
52	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
53	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
54	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
55	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
56	2010	Articolo in rivista TETTAMANTI, GIANLUCA, CATTANEO, ANNA GIULIA, GORNATI, ROSALBA, DE EGUILEOR, 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
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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
- European Commission ECVAM/99/02 Metabolism and metal induced embryotoxic and teratogenic effects
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
- TITOLARE DEL FONDO ATENEIO PER LA RICERCA LA CUI DOMANDA DI FINANZIAMENTO è SOTTOPOSTA A VALUTAZIONE
dal 01-01-2002 a oggi
- Responsabile Scientifico Uninsubria - HOTZYMES - Commissione Europea, Horizon 2020 FET OPEN 2018
dal 01-04-2019 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



