

## Pubblicazioni

### Lavori in extenso

1. Fanelli G, Alloisio G, Lelli V, Marini S, Rinalducci S, **Gioia M** (2024). Mechano-induced cell metabolism disrupts the oxidative stress homeostasis of SAOS-2 osteosarcoma cells. *FRONTIERS IN MOLECULAR BIOSCIENCES*, vol. Volume 10 - 2023, ISSN: 2296-889X, doi: 10.3389/fmolb.2023.1297826
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3. Venza N, Alloisio G, **Gioia M**, ...Danesi C, Laganà G. (2022). Saliva Analysis of pH and Antioxidant Capacity in Adult Obstructive Sleep Apnea Patients. *INTERNATIONAL RESEARCH JOURNAL OF PUBLIC AND ENVIRONMENTAL HEALTH*, ISSN: 2360-8803
4. Alloisio G, Ciaccio C, Fasciglione GF, Tarantino U, Marini S, Coletta M, **Gioia M**. Effects of Extracellular Osteoanabolic Agents on the Endogenous Response of Osteoblastic Cells. *Cells*. 2021 Sep 10;10(9):2383. doi: 10.3390/cells10092383. PMID: 34572032; PMCID: PMC8471159.
5. Ascenzi P, De Simone G, Pasquadibisceglie A, **Gioia M**, Coletta M. Kinetic inequivalence between  $\alpha$  and  $\beta$  subunits of ligand dissociation from ferrous nitrosylated human haptoglobin:hemoglobin complexes. A comparison with  $O_2$  and CO dissociation. *J Inorg Biochem*. 2021 Jan;214:111272. doi: 10.1016/j.jinorgbio.2020.111272. Epub 2020 Oct 16. PMID: 33129126. scopus: 2-s2.0-85093973127
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9. Ascenzi P, De Simone G, Polticelli F, **Gioia M**, Coletta M. Reductive nitrosylation of ferric human hemoglobin bound to human haptoglobin 1-1 and 2-2. *J Biol Inorg Chem*. 2018 May;23(3):437-445. doi: 10.1007/s00775-018-1551-y. Epub 2018 Mar 31.
10. **Gioia M**, Fasciglione GF, Sbardella D, Sciandra F, Casella M, Camerini S, Crescenzi M, Gori A, Tarantino U, Cozza P, Brancaccio A, Coletta M, Bozzi M. The enzymatic processing of  $\alpha$ -dystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site. *PLoS One*. 2018 Feb 15;13(2):e0192651. doi: 10.1371/journal.pone.0192651. eCollection 2018.
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14. **Gioia M** Luigi Tomao T, Sbardella D, Chiara C, TundoGF, Di Masi A, Fasciglione GF, Marini S, CozzaP, Ascenzi P Coletta M. Enzyme catalysis: the case of the prostate-specific antigen. *Rendiconti Lincei (ISSN: 2037-4631, ESN: 1720-0776) Scienze Fisiche e Naturali* 8 marzo 2017.
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