

## STUDENTS PUBLICATIONS

CYCLES XXVIII (EXTENDED), XXIX, XXX, XXXI

FROM 2014 TO 2016:

## TOXICOLOGY CURRICULUM

1. Almenrader N, Galante D. Anaesthesia for paediatric emergency surgery: an Italian survey of current clinical practice. *Br J Anaesth.* 2016 Apr;116(4):563-4. doi: 10.1093/bja/aew045. PubMed PMID: 26994240.
2. Almenrader N, Galante D, Engelhardt T. Emergence agitation: is there a European consensus? *Br J Anaesth.* 2014 Sep;113(3):515-6. doi: 10.1093/bja/aeu281. PubMed PMID: 25135891.
3. Bensehaila S, Doumandji A, Boutekrabt L, Manafikhi H, Peluso I, Bensehaila K, Kouache A And Bensehaila A. The nutritional quality of *Spirulina platensis* of Tamenrasset, Algeria . *African Journal Of Biotechnology* Vol 14, No 19 (2015)
4. Blackburn L, Almenrader N, Larsson P, Anderson BJ. Intranasal clonidine pharmacokinetics. *Paediatr Anaesth.* 2014 Mar;24(3):340-2. doi: 0.1111/pan.12297.
5. Bronzuoli MR, Iacomino A, Steardo L, Scuderi C (2016) Targeting neuroinflammation in Alzheimer's disease. *J Inflamm Res.* 9:199-208.
6. Capoccia E, Cirillo C, Gigli S, Pesce M, D'Alessandro A, Cuomo R, Sarnelli G, Steardo L, Esposito G. Enteric glia: A new player in inflammatory bowel diseases. *Int J Immunopathol Pharmacol.* 2015 Dec;28(4):443-51. doi:10.1177/0394632015599707.
7. Capoccia E, Cirillo C, Marchetto A, Tiberi S, Sawikr Y, Pesce M, D'Alessandro A, Scuderi C, Sarnelli G, Cuomo R, Steardo L, Esposito G. S100B-p53 disengagement by pentamidine promotes apoptosis and inhibits cellular migration via aquaporin-4 and metalloproteinase-2 inhibition in C6 glioma cells. *Oncol Lett.* 2015 Jun;9(6):2864-2870
8. Cipriano M, Esposito G, Negro L, Capoccia E, Sarnelli G, Scuderi C, De Filippis D, Steardo L, Iuvone T. Palmitoylethanolamide Regulates Production of Pro-Angiogenic Mediators in a Model of  $\beta$  Amyloid-Induced Astroglia In Vitro. *CNS Neurol Disord Drug Targets.* 2015;14(7):828-37
9. Cirillo C, Capoccia E, Iuvone T, Cuomo R, Sarnelli G, Steardo L, Esposito G. S100B Inhibitor Pentamidine Attenuates Reactive Gliosis and Reduces Neuronal Loss in a Mouse Model of Alzheimer's Disease. *Biomed Res Int.* 2015;2015:508342. doi: 10.1155/2015/508342.
10. Esposito G, Capoccia E, Turco F, Palumbo I, Lu J, Steardo A, Cuomo R, Sarnelli G, Steardo L. Palmitoylethanolamide improves colon inflammation through an enteric glia/toll like receptor 4-dependent PPAR- $\alpha$  activation. *Gut.* 2014 Aug;63(8):1300-12. doi: 10.1136/gutjnl-2013-305005. Epub 2013 Sep 30
11. Esposito G, Gigli S, Seguella L, Nobile N, D'Alessandro A, Pesce M, Capoccia E, Steardo L, Cirillo C, Cuomo R, Sarnelli G. Rifaximin, a non-absorbable antibiotic, inhibits the release of pro-angiogenic mediators in colon cancer cells through a pregnane X receptor-dependent pathway. *Int J Oncol.* 2016 Aug;49(2):639-45. doi: 10.3892/ijo.2016.3550. PubMed PMID: 27279570.

12. Esposito G, Nobile N, Gigli S, Seguella L, Pesce M, d'Alessandro A, Bruzzese E, Capoccia E, Steardo L, Cuomo R, Sarnelli G. Rifaximin Improves Clostridium difficile Toxin A-Induced Toxicity in Caco-2 Cells by the PXR-Dependent TLR4/MyD88/NF- $\kappa$ B Pathway. *Front Pharmacol.* 2016 May 9;7:120. doi: 10.3389/fphar.2016.00120. PubMed PMID: 27242527; PubMed Central PMCID: PMC4860461.
13. Esposito G, Sarnelli G, Capoccia E, Cirillo C, Pesce M, Lu J, Cali G, Cuomo R, Steardo L. Autologous transplantation of intestine-isolated glia cells improve neuropathology and restores cognitive deficits in  $\beta$  amyloid-induced neurodegeneration. *Sci Rep.* 2016 Mar 4;6:22605. doi: 10.1038/srep22605. PubMed PMID: 26940982; PubMed Central PMCID: PMC4778118.
14. Lu J, Mccarter M, Lian G, Esposito G, Capoccia E, Delli-Bovi LC, Hecht J, Sheen V. Global hypermethylation in fetal cortex of Down syndrome due to DNMT3L overexpression. *Hum Mol Genet.* 2016 May 1;25(9):1714-27. doi: 10.1093/hmg/ddw043. PubMed PMID: 26911678; PubMed Central PMCID: PMC4986328.
15. Mhillaj E, Morgese MG, Tucci P, Bove M, Schiavone S, Trabace L. Effects of anabolic-androgens on brain reward function. *Front Neurosci.* 2015 Aug 26;9:295. doi: 10.3389/fnins.2015.00295. eCollection 2015.
16. Morgese MG, Mhillaj E, Francavilla M, Bove M, Morgano L, Tucci P, Trabace L, Schiavone S. Chlorella sorokiniana Extract Improves Short-Term Memory in Rats. *Molecules* 2016 Sep 29;21(10). doi:10.3390/molecules21101311
17. Morgese MG, Tucci P, Mhillaj E, Bove M, Schiavone S, Trabace L, Cuomo V. Lifelong nutritional omega-3 deficiency evokes depressive-like state through soluble beta amyloid. *Mol Neurobiol* 2016 Feb 29. [Epub ahead of print] doi: 10.1007/s12035-016-9809-2
18. Peluso I, Cavaliere A, Palmery M. Plasma total antioxidant capacity and peroxidation biomarkers in psoriasis. *J Biomed Sci.* 2016 Jul 4;23(1):52. doi: 10.1186/s12929-016-0268-x. Review. PubMed PMID: 27377373; PubMed Central PMCID: PMC4932672.
19. Peluso I, Manafikhi H, Altieri F, Zanza C, Palmery M. The effect of sample storage on the Peroxidation of Leukocytes Index Ratio (PLIR) measure. *Sci Rep.* 2014 Oct 7;4:6539. doi: 10.1038/srep06539
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21. Peluso I, Manafikhi H, Finotti E, Palmery M. (2014) Investigating the Sulfhydryl Redox Status in the Hypotensive Acute Effects of Peroxyl Radicals. *Journal Of Cardiovascular Disease*, vol. 2, p. 58-61
22. Peluso I, Manafikhi H, Raguzzini A, Longhitano Y, Reggi R, Zanza C, Palmery M. The Peroxidation of Leukocytes Index Ratio Reveals the Prooxidant Effect of Green Tea Extract. *Oxid Med Cell Longev.* 2016;2016:9139731. doi:10.1155/2016/9139731. PubMed PMID: 28101300; PubMed Central PMCID: PMC5217155.
23. Peluso I, Manafikhi H, Reggi R, Longhitano Y, Zanza C, Palmery M. Relationship between the Peroxidation of Leukocytes Index Ratio and the Improvement of Postprandial Metabolic Stress by a

Functional Food. *Oxid Med Cell Longev*. 2016;2016:5630985. doi: 10.1155/2016/5630985. PubMed PMID: 26962396; PubMed Central PMCID: PMC4707374.

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25. Peluso I, Manafikhi H, Reggi R, Palmery M. Interference of flavonoids with fluorescent intracellular probes: methodological implications in the evaluation of the oxidative burst by flow cytometry. *Cytometry A*. 2014 Aug;85(8):663-77. doi: 10.1002/cyto.a.22490

26. Peluso I, Romanelli L, Spagnuolo S, Manafikhi H, Palmery M (2014). Serum depletion, multidrug resistance and fluorescent probes: Methodological implications in free radicals evaluation. *Journal Of Immunological Methods*, vol. 405, p. 178-180

27. Peluso I, Teichner A, Manafikhi H, Palmery M. *Camellia Sinensis* in Asymptomatic Hyperuricaemia: A Meta-analysis of Tea or Tea Extract Effects on Uric Acid Levels. *Crit Rev Food Sci Nutr*. 2015 Apr 7:0.

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32. Schiavone S, Morgese MG, Mhillaj E, Bove M, De Giorgi A, Cantatore FP, Camerino C, Tucci P, Maffulli N, Cuomo V, Trabace L. Chronic psychosocial stress impairs bone homeostasis: a study in the social isolation reared rat. *Front Pharmacol*. 2016 Jun 8;7:152. doi: 10.3389/fphar.2016.00152. eCollection 2016.

33. Scuderi C, Stecca C, Bronzuoli MR, Rotili D, Valente S, Mai A and Steardo L (2014). Sirtuin modulators control reactive gliosis in an in vitro model of Alzheimer's disease. *Frontiers in Pharmacology*. doi: 10.3389/fphar.2014.00089

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36. Taurone S, Bianchi E, Attanasio G, Di Gioia C, Ierinó R, Carubbi C, Galli D, Pastore FS, Giangaspero F, Filippo R, Zanza C, Artico M. Immunohistochemical profile of cytokines and growth factors expressed in vestibular schwannoma and in normal vestibular nerve tissue. *Mol Med Rep.* 2015 Jul;12(1):737-45. doi: 10.3892/mmr.2015.3415.