1. Santonocito, D.; Sarpietro, M.G.; Castelli, F.; Lauro, M.R.; Torrisi, C.; Russo, S.; **Puglia, C.** Development of Solid Lipid Nanoparticles as Dry Powder: Characterization and Formulation Considerations. *Molecules.* 2023; 28, 1545. <https://doi.org/10.3390/molecules28041545>
2. Campisi A, Sposito G, Pellitteri R, Santonocito D, Bisicchia J, Raciti G, Russo C, Nardiello P, Pignatello R, Casamenti F, **Puglia C.** Effect of Unloaded and Curcumin-Loaded Solid Lipid Nanoparticles on Tissue Transglutaminase Isoforms Expression Levels in an Experimental Model of Alzheimer’s Disease. *Antioxidants*. 2022; 11(10):1863. <https://doi.org/10.3390/antiox11101863>.
3. Mirra D, Spaziano G, Esposito R, Santonocito D, Filosa R, Roviezzo F, Malgieri G, D’Abrosca G, Iovino P, Gallelli L, Fattorusso R, **Puglia C**, D’Agostino B. Formulation of Solid Lipid Nanoparticles Loaded with Nociceptin/Orphanin FQ (N/OFQ) and Characterization in a Murine Model of Airway Hyperresponsiveness. *Pharmaceuticals*. 2022; 15(10):1210. <https://doi.org/10.3390/ph15101210>.
4. Santonocito D, **Puglia C.** Nanotechnological Systems and Lung: A Perfect Combination for Lung Pharmaceutical Applications. *Curr Med Chem*. 2022 doi: 10.2174/0929867329666220829092323.
5. Santonocito D, Vivero-Lopez M, Lauro MR, Torrisi C, Castelli F, Sarpietro MG, **Puglia C.** Design of Nanotechnological Carriers for Ocular Delivery of Mangiferin: Preformulation Study. *Molecules* 2022, 27(4):1328. https://doi.org/10.3390/molecules27041328
6. Santonocito D, **Puglia C**. Applications of lipid-based nanocarriers for parenteral drug delivery. Curr Med Chem. 2022 Jan 4. doi: 10.2174/0929867329666220104111949.
7. **Puglia C**, Santonocito D, Romeo G, Intagliata S, Romano GL, Strettoi E, Novelli E, Ostacolo C, Campiglia P, Sommella EM, Pignatello R, Bucolo C. Lipid Nanoparticles Traverse Non-Corneal Path to Reach the Posterior Eye Segment: In Vivo Evidence. *Molecules*. 2021; 26(15):4673. doi: 10.3390/molecules26154673.
8. Santonocito D, **Puglia C**, Torrisi C, Giuffrida A, Greco V, Castelli F, Sarpietro MG. Calorimetric Evaluation of Glycyrrhetic Acid (GA)- and Stearyl Glycyrrhetinate (SG)-Loaded Solid Lipid Nanoparticle Interactions with a Model Biomembrane. *Molecules.* 2021; 26(16):4903. doi: 10.3390/molecules26164903.
9. Sguizzato M, Ferrara F, Hallan SS, Baldisserotto A, Drechsler M, Malatesta M, Costanzo M, Cortesi R, **Puglia C**, Valacchi G, Esposito E. Ethosomes and Transethosomes for Mangiferin Transdermal Delivery. *Antioxidants* 2021, 10, 768. https://doi.org/ 10.3390/antiox10050768.
10. Fallica F, Leonardi C, Toscano V, Santonocito D, Leonardi P, **Puglia C**. Assessment of Alcohol-Based Hand Sanitizers for Long-Term Use, Formulated with Addition of Natural Ingredients in Comparison to WHO Formulation 1. *Pharmaceutics* 2021, 13(4):571. doi: 10.3390/pharmaceutics13040571.
11. Bonaccorso A, Pellitteri R, Ruozi B, **Puglia C**, Santonocito D, Pignatello R, Musumeci T. Curcumin Loaded Polymeric vs. Lipid Nanoparticles: Antioxidant Effect on Normal and Hypoxic Olfactory Ensheathing Cells. *Nanomaterials* 2021, 11(1):159. doi: 10.3390/nano11010159.
12. Santonocito D, Raciti G, Campisi A, Sposito G, Panico A, Siciliano EA, Sarpietro MG, Damiani E, **Puglia C**. Astaxanthin-Loaded Stealth Lipid Nanoparticles (AST-SSLN) as Potential Carriers for the Treatment of Alzheimer's Disease: Formulation Development and Optimization. *Nanomaterials* 2021. 11(2):391. doi: 10.3390/nano11020391.
13. Santonocito D, Granata G, Geraci C, Panico A, Siciliano EA, Raciti G, **Puglia C.** Carob Seeds: Food Waste or Source of Bioactive Compounds? *Pharmaceutics* 2020, 12(11): E1090. doi: 10.3390/pharmaceutics12111090.
14. Santonocito D, Sarpietro MG, Carbone C, Panico A, Campisi A, Siciliano EA, Sposito G, Castelli F, **Puglia C.** Curcumin Containing PEGylated Solid Lipid Nanoparticles for Systemic Administration: A Preliminary Study. Molecules 2020, 25(13): E2991. doi: 10.3390/molecules25132991.
15. **Puglia C**, Santonocito D, Bonaccorso A, Musumeci T, Ruozi B, Pignatello R, Carbone C, Parenti C, Chiechio S. Lipid Nanoparticle Inclusion Prevents Capsaicin-Induced TRPV1 Defunctionalization. *Pharmaceutics* 2020, 12(4). doi: 10.3390/pharmaceutics12040339.
16. **Puglia C,** Santonocito D, Ostacolo C, Maria Sommella E, Campiglia P, Carbone C, Drago F, Pignatello R, Bucolo C. Ocular Formulation Based on Palmitoylethanolamide-Loaded Nanostructured Lipid Carriers: Technological and Pharmacological Profile. *Nanomaterials* 2020, 10, 287.
17. Liparulo A, Esposito R, Santonocito D, Muñoz-Ramírez A, Spaziano G, Bruno F, Xiao J, **Puglia C**, Filosa R, Berrino L and D'Agostino B. Formulation and Characterization of Solid Lipid Nanoparticles Loading RF22-c, a Potent and Selective 5-LO Inhibitor, in a Monocrotaline-Induced Model of Pulmonary Hypertension. *Front. Pharmacol.*2020, 11:83. doi: 10.3389/fphar.2020.00083
18. Carbone C, Fuochi V, Zielińska A, Musumeci T, Souto EB, Bonaccorso A, **Puglia C**, Petronio Petronio G, Furneri PM. Dual-drugs delivery in solid lipid nanoparticles for the treatment of Candida albicans mycosis. *Colloids Surf B Biointerfaces.* 2020, 186:110705. doi: 10.1016/j.colsurfb.2019.110705.
19. **Puglia C**, Lauro MR. Botanicals: Innovative Tools for Pharmaceutical, Cosmetic and Nutraceutical. Curr Med Chem. 2019;26(24):4504-4505.
20. **Puglia C**, Santonocito D. Cosmeceuticals: Nanotechnology-based strategies for the delivery of phytocompounds.*Curr Pharm Des.*2019; 25(21):2314-2322.
21. Damiani E, **Puglia C**.Nano and Microcarriers for enhancing the UV protection of sunscreens: an overview. *J Pharm Sci.*2019, 108 (12):3769-3780.
22. **Puglia C**, Pignatello R, Fuochi V, Furneri PM, Lauro MR, Santonocito D, Cortesi R, Esposito E. Lipid Nanoparticles and Active Natural Compounds: A Perfect Combination for Pharmaceutical Applications. *Curr Med Chem*. 2019; 26(24):4681-4696.
23. Esposito E, Drechsler M, **Puglia C**, Cortesi R. Natural anti-oxidants with therapeutic properties. *Mini-Reviews in Medicinal Chemistry.* 2019*,*19(13):1030-1039.
24. **Puglia C**, Santonocito D, Musumeci T, Cardile V, Graziano ACE, Salerno L, Raciti G, Crascì L, Panico AM, Puglisi G. Nanotechnological Approach to Increase the Antioxidant and Cytotoxic Efficacy of Crocin and Crocetin. *Planta Med*. 2019, 85(3):258-265. doi: 10.1055/a-0732-57572018.
25. Esposito E, Carducci F, Mariani P, Huang N, Simelière F, Cortesi R, Romeo G, **Puglia C**. Monoolein liquid crystalline phases for topical delivery of crocetin. *Colloids and Surfaces B: Biointerfaces.*2018, 171: 67-74.
26. **Puglia C**, Blasi P, Ostacolo C, Sommella E, Bucolo C, Platania CBM, Romano GL, Geraci F, Drago F, Santonocito D, Albertini B, Campiglia P, Puglisi G and Pignatello R. Innovative Nanoparticles Enhance N-Palmitoylethanolamide Intraocular Delivery. *Front Pharmacol.* 2018, 9:285. doi: 10.3389/fphar.2018.00285
27. Crascì L, Basile L, Panico A, **Puglia C**, Bonina FP, Basile PM, Rizza L, Guccione S. Correlating in Vitro Target-Oriented Screening and Docking: Inhibition of Matrix Metalloproteinases Activities by Flavonoids. *Planta Med.* 2017, 83(11):901-911
28. **C. Puglia**, M.R. Lauro, A. Offerta, L. Crascì, L. Micicchè, A.M. Panico, F. Bonina and G. Puglisi. Nanostructured Lipid Carriers (NLC) as Vehicles for Topical Administration of Sesamol: in Vitro Percutaneous Absorption Study and Evaluation of Antioxidant Activity. *Planta Med.*2017; 83(5):398-404. doi: 10.1055/s-0042-105293
29. **C. Puglia**, M.R. Lauro, G.G. Tirendi, G.E. Fassari, C. Carbone, F. Bonina, G. Puglisi. Modern drug delivery strategies applied to natural active compounds. *Expert Opin Drug Deliv.* 2017; 14(6):755-768. doi: 10.1080/17425247.2017.1234452.
30. Esposito E, Drechsler M, Mariani P, Panico AM, Cardile V, Crascì L, Carducci F, Graziano AC, Cortesi R, **Puglia C**. Nanostructured lipid dispersions for topical administration of crocin, a potent antioxidant from saffron (Crocus sativus L.)[.](https://www.ncbi.nlm.nih.gov/pubmed/27987758) *Mater Sci Eng C Mater Biol Appl*. 2017 ;71:669-677.
31. Esposito E, Drechsler M, Huang N, Pavoni G, Cortesi R, Santonocito D, **Puglia C**. Ethosomes and organogels for cutaneous administration of crocin.*Biomed Microdevices.*2016, 18(6):108.
32. D. Tronino, A. Offerta, C. Ostacolo, R. Russo, C. De Caro, A. Calignano, **C. Puglia**, P. Blasi. Nanoparticles prolong N-palmitoylethanolamide anti-inflammatory and analgesic effects in vivo. *Colloids and Surfaces B: Biointerfaces.*2016, 141: 311–317*.*
33. **C.Puglia**, A.Offerta, G.G.Tirendi, M.S.Tarico, S.Curreri, F.Bonina, and R.E. Perrotta. Design of solid lipid nanoparticles for caffeine topical administration. *Drug Deliv.* 2016, 23(1): 36-40. doi: 10.3109/10717544.2014.903011.
34. A. Offerta, F. Bonina, F. Gasparri, A. Zanardi, L. Micicchè, **C. Puglia**. In vitro percutaneous absorption of niacinamide and phytosterols and in vivo evaluation of their effect on skin barrier recovery. *Curr. Drug. Deliv.* 2016, 13: 111-120.
35. E. Esposito, L. Ravani, P. Mariani, **C. Puglia**, S. Mazzitelli, N. Huang, R. Cortesi, C. Nastruzzi. Gelified reverse micellar dispersions as percutaneous formulations. *J. Drug Deliv. Sci. Technol.* 2016, 32: 270-282.
36. R. Pignatello, C. Carbone, **C. Puglia**, A. Offerta, F.P. Bonina, G. Puglisi. Ophthalmic applications of lipid-based drug nanocarriers: an update of research and patenting activity. *Ther.Del.* 2015, 6(11): 1297-1318. doi: 10.4155/tde.15.73.
37. F. Brugè, E. Damiani, F. Marcheggiani, A. Offerta, **C. Puglia**, L. Tiano. A comparative study on the possible cytotoxic effects of different nanostructured lipid carrier (NLC) compositions in human dermal fibroblasts.  *Int. J. Pharm.*2015, 495 (2): 879–885.
38. **C. Puglia**, A. Offerta, C. Carbone, F. Bonina, R. Pignatello and G. Puglisi. Lipid Nanocarriers (LNC) and their Applications in Ocular Drug Delivery. *Curr.Med.Chem.* 2015, 22 (13): 1589-1602.
39. **C. Puglia**, A. Offerta, A. Saija, D. Trombetta, V. Cardile. Protective effect of red orange extract supplementation against UV-induced skin damages: photo-aging and age lentigines. *J. Cosmet. Dermatol.*2014, 13: 151-157.
40. E. Esposito, L. Ravani, P. Mariani, N. Huang, P. Boldrini, S. Mosbah, M. Drechsler, G.pe Valacchi, R.Cortesi and **C. Puglia**. Effect of nanostructured lipid vehicles on percutaneous absorption of curcumin. *Eur. J. Pharm. Biopharm.* 2014, 86: 121-132.
41. **C. Puglia**, E. Damiani, A. Offerta, L. Rizza, G. G. Tirendi, M.S. Tarico, S. Curreri, F. Bonina, and R.E. Perrotta. Evaluation of nanostructured lipid carriers (NLC) and nanoemulsions as carriers for UV-filters: characterization, in vitro penetration and photostability studies. *Eur. J. Pharm. Sci.* 2014, 51C: 211-217**.**
42. **C. Puglia**, L. Rizza, A. Offerta, F. Gasparri, V. Giannini, F. Bonina. Formulations strategies to modulate the topical delivery of anti-inflammatory compounds. *J. Cosm. Sci.* 2013, 64(5): 341-353.
43. E. Esposito, L. Ravani, P. Mariani, C. Contado, M. Drechsler, **C. Puglia**, R. Cortesi. Curcumin containing monoolein aqueous dispersions: A preformulative study. *Mat. Sci. Eng. C-Mater*2013, 33: 4923-4934.
44. **C. Puglia**, A. Offerta, L. Rizza, G. Zingale, F. Bonina, S. Ronsisvalle. Optimization of curcumin loaded lipid nanoparticles formulated using high shear homogenization (HSH) and ultrasonication (US) methods. *J. Nanosci. Nanotechnol.* 2013, 13(10): 6888-6893.
45. F. Brugè, E. Damiani, **C. Puglia**, A. Offerta, T. Armeni, G.Littarru, L. Tiano. Nanostructured lipid carriers loaded with CoQ10: effect on human dermal fibroblasts under normal and UVA-mediated oxidative conditions. *Int. J. Pharm.*2013, 455(1-2): 348-356.
46. **C. Puglia**, V. Cardile, A.M. Panico, L. Crascì, A. Offerta, S. Caggia, M. Drechsler, P. Mariani, R. Cortesi and E. Esposito. Evaluation of monooleine aqueous dispersions as tools for topical administration of curcumin: characterization, in vitro and ex-vivo studies. *J.Pharm.Sci.* 2013, 102(7): 2349-2361.
47. **C. Puglia**, G.G. Tirendi, F. Bonina. Emerging Role of Colloidal Drug Delivery Systems (CDDS) in NSAIDs Topical Administration. *Curr.Med.Chem.* 2013, 20 (14): 1847-1857**.**
48. G. Frasca, V. Cardile, **C. Puglia**, C. Bonina, F. Bonina. Gelatin tannate reduces the proinflammatory effects of lipopolysaccharide in human intestinal epithelial cells. *Clin. Exp. Gastroenterol.* 2012, 5: 61-67.
49. **C. Puglia**, G. Frasca, T. Musumeci, L. Rizza, G. Puglisi, F. Bonina, S. Chiechio. Curcumin loaded NLC induces histone hypoacetilation in the CNS after intraperitoneal administration in mice. *Eur. J. Pharm. Biopharm.* 2012, 81: 288-293**.**
50. L. Rizza, C. Bonina, G. Frasca, **C. Puglia**. Skin-whitening effects of Mediterranean herbal extracts by in vitro and in vivo models *J. Cosm. Sci.* 2012, 63(5): 311-320.
51. **C. Puglia** and F.Bonina. Lipid nanoparticles as novel delivery systems for cosmetics and dermal pharmaceuticals. *Expert Opin. Drug Del.* 2012, 9(4): 429-441.
52. A. Crovara Pescia, P. Astolfi, **C. Puglia**, F. Bonina, R. Perrotta, B. Herzog, E. Damiani.  On the assessment of photostability of sunscreens exposed to UVA irradiation: from glass plates to pig/human skin, which is best? *Int. J. Pharm.*2012, 427 (2): 217–223.
53. L. Rizza, G. Frasca, M. Nicholls, **C. Puglia**, V. Cardile. Caco-2 cell line as a model to evaluate mucoprotective proprieties. *Int. J. Pharm.*2012, 422(1-2): 318-322.
54. **C. Puglia**, F. Bonina, L. Rizza, P. Blasi, A. Schoubben, R. Perrotta, M. S. Tarico, E. Damiani. Lipid nanoparticles as carrier for octyl-methoxycinnamate (OMC): in vitro percutaneous absorption and photo-stability studies. *J.Pharm.Sci.* 2012, 101(1): 301-311.
55. P. Blasi, S. Giovagnoli, A. Schoubben, **C. Puglia**, F. Bonina, C. Rossi, M. Ricci. Lipid nanoparticles for brain targeting I. Formulation optimization. *Int.J.Pharm.*2011*,*419, 287– 295.
56. **C. Puglia**, M. G. Sarpietro, F.Bonina, F.Castelli, M. Zammataro, S. Chiechio. Development, characterization and in vitro and in vivo evaluation of benzocaine and lidocaine loaded nanostructured lipid carriers (NLC). *J.Pharm.Sci.* 2011, 100(5):1892-1899.
57. L. Rizza, G. Frasca, C. Bonina and **C. Puglia**. Comparative in vivo study of efficacy and tolerance of exfoliating agents using reflectance spectrophotometric methods. *J.Cosm.Sci.* 2010, 61(3):247-258.
58. L. Rizza, A. D’Agostino, A. Girlando, **C. Puglia.** Evaluation of the effect of topical agents on radiation induced skin disease by reflectance spectrophotometry. *J. Pharm. Pharmacol.*2010, 62(6): 779-785*.*
59. **C. Puglia**, F. Bonina, L. Rizza, R. Cortesi, E. Merlotti, M. Drechsler, P. Mariani, C. Contado, L. Ravani, and E. Esposito. Evaluation of percutaneous absorption of naproxen from different liposomal formulations. *J.Pharm.Sci.* 2010, 99(6):2819-2829.
60. **C. Puglia**, L. Rizza, M. Drechsler and F. Bonina. Nanoemulsions as vehicle for topical administration of glycyrrhetic acid: characterization and *in vitro* and *in vivo* evaluation. *Drug Del.* 2010, 17(3):123-129.
61. **C.Puglia**, F. Bonina, F.Castelli, D.Micieli, M.G. Sarpietro. Evaluation of percutaneous absorption of the repellent DEET and the sunscreen octyl methoxy cinnamate (OMC) loaded solid lipid nanoparticles: an *in vitro*study. *J. Pharm. Pharmacol.*2009, 61, 1013-1019.
62. F.Tateo, A.Ravaglioli, C.Andreoli, F.Bonina, V.Coiro, S.Degetto, A.Giaretta, A.Menconi Orsini, **C.Puglia**, V.Summa. The in vitro percutaneous migration of chemical elements from a thermal mud for healing use. *Appl.Clay Sci.* 2009, 44, 83-94.
63. F.P. Bonina, M. Marangolo, **C. Puglia**, F. Cimino, D. Trombetta, G. Tringali, A. Roccazzello, E. Inzirello, P. Rapisarda, A. Saija. Protective effects of a standardized red orange extract on air-pollution induced oxidative damage in traffic police officers.  *Nat.Prod.Res* 2008, 22, 1544 – 1551.
64. V. Cardile, G. Frasca, L. Rizza, F. Bonina, **C. Puglia**, A. Barge, N. Chiambretti, G. Cravotto, Improved adhesion to mucosal cells of water-soluble chitosan tetraalkylammonium salts. *Int.J.Pharm.*2008, 362, 88–92.
65. F. P. Bonina, M. L. Giannossi, L. Medici, **C. Puglia**, V. Summa, F.Tateo, Diclofenac-bearing hydrotalcite: in vitro and in vivo release experiments. *Appl.Clay Sci.* 2008, 41, 165–171.
66. **C. Puglia** and F. Bonina, In vivo spectrophotometric evaluation of skin barrier recovery after topical application of soybean phytosterols.  *J.Cosm.Sci.* 2008, 59, 217-224.
67. **C. Puglia**, P. Blasi, L. Rizza, A.Schoubben, M.Ricci, F. Bonina, C. Rossi, Lipid nanoparticles for prolonged topical delivery: an in vitro and in vivo investigation. *Int.J.Pharm.*2008, 357, 295-304.
68. **C. Puglia** and F. Bonina, Effect of PUFAs and some conventional penetration enhancers on transdermal delivery of atenolol. *Drug Del.*, 2008, 15, 107-112.
69. **C. Puglia**, R. Filosa, A. Peduto, P. de Caprariis, G. Boatto, M. Nieddu, N.A.Santagati and F. Bonina Synthesis, physicochemical properties and in vitro permeation studies of new ketorolac ester derivatives. *Curr. Drug. Deliv.* 2007, 4(3), 205-210.
70. F.P.Bonina, M.L. Giannossi, L.Medici, **C.Puglia**, V.Summa, F.Tateo Adsorption of salicylic acid on bentonite and kaolin and release experiments. *Appl.Clay Sci.*2007, 36, 77-85.
71. AM. Panico, V. Cardile, F. Garufi, **C. Puglia**, F. Bonina, S. Ronsisvalle, Effect of hyaluronic acid and polysaccharides from Opuntia ficus indica (L) cladodes on the metabolism of human chondrocyte cultures. *J.Ethnopharm.*, 2007, 111, 315-321.
72. **C. Puglia**, R. Filosa, A. Peduto, P. de Caprariis, L. Rizza, F. Bonina and P. Blasi. Evaluation of alternative strategies to optimize ketorolac transdermal delivery. *AAPS PharmSciTech.,*2006, 7 (3) article 64, E1-E9.
73. **C. Puglia**, N.A.Santagati, F. Bonina, D. Trombetta, M. Cristani, A. Speciale, A. Saija. Protective effect of Mediterranean fish oil extracts on heat-induced denaturation of albumin*J. Pharm. Pharmacol.*, 2006, 58, 1411-1413.
74. AM. Panico, V. Cardile, S. Avondo, F. Garufi, B. Gentile, **C. Puglia**, F. Bonina, N.A. Santagati, G. Ronsisvalle. The in vitro effect of a lyophilized extract of wine obtained from Jacquez grapes on human chondrocytes. *Phytomed.*2006, 13(7), 522-526.
75. D.Trombetta, **C. Puglia**, D.Perri, A. Licata, S. Pergolizzi, E.R. Lauriano, A. De Pasquale, A. Saija, F.P. Bonina. Effect of polysaccharides from Opuntia ficus-indica (L.) cladodes on the healing of dermal wounds in the rat. *Phytomed.*2006, 13(5), 352-358.
76. **C. Puglia**, C. Ostacolo, A. Sacchi, S. Laneri and F. Bonina In vitro and in vivo evaluation of oligoethylene esters as dermal prodrugs of 18-β-glycyrrhetic acid. *J. Pharm. Pharmacol.*, 2006, 58(3) 311-319.
77. F. Bonina, **C. Puglia**, M. Avogadro, E. Baranelli, G. Cravotto The Topical Protective Effect of Soybean-Germ Oil against UVB-Induced Cutaneous Erythema: an in vivo Evaluation. *Arch. Pharm. (Weinheim)* 2005, 338(12), 598-601.
78. E. Esposito, R. Cortesi, M.Drechsler, L. Paccamiccio, P. Mariani, C. Contado, E. Stellin, E. Menegatti, F. Bonina, and **C. Puglia** Cubosome dispersions as delivery systems for percutaneous administration of indomethacin. *Pharm.Res.* 2005, 22(12), 2163-2173.
79. F. Castelli, **C. Puglia**, M.G. Sarpietro, L. Rizza and F. Bonina Characterization of indomethacin loaded lipid nanoparticles by differential scanning calorimetry *Int.J.Pharm.* 2005, 304 (1-2), 231-238.
80. **C. Puglia**, E. Esposito, E. Menegatti, C. Nastruzzi, L. Rizza, R.Cortesi and F. Bonina Effect of charge and lipid concentration on in vivo percutaneous absorption of methyl nicotinate from liposomal vesicles *J. Pharm. Pharmacol.*, 2005, 57(9), 1169-1176.
81. F.P. Bonina, **C. Puglia**, F. Cimino, D. Trombetta, G. Tringali, A. Roccazzello, E. Inzirello, P. Rapisarda, A. Saija Oxidative stress in handball players: effect of supplementation with a red orange extract. *Nutr.Res.*2005, 25 (10), 917-924.
82. AM. Panico,V. Cardile, F. Garufi, **C. Puglia**, F. Bonina, G. Ronsisvalle Protective effect of Capparis spinosa on chondrocytes. *Life Sci.*, 2005, 77 (20), 2479-2488.
83. D. Trombetta, F.Occhiuto, D. Perri, **C. Puglia**, N.A. Santagati, A.De Pasquale, A.Saija, F.Bonina Antiallergic and antihistaminic effect of two extracts of Capparis spinosa L. flowering buds. *Phytoter.Res.*2005, 19(1), 29-33.
84. **C. Puglia**, S. Tropea, L. Rizza, N. A. Santagati and F. Bonina In vitro percutaneous absorption studies and in vivo evaluation of anti-inflammatory activity of essential fatty acids (EFA) from fish oil extracts. *Int.J.Pharm.* 2005, 299 (1-2), 41-48.
85. M.Ricci, **C.Puglia**, F. Bonina, C.Di Giovanni, S.Giovagnoli and C.Rossi Evaluation of indomethacin percutaneous absorption from nanostructured lipid carriers (NLC): in vitro and in vivo studies.*J.Pharm.Sci*, 2005, 94(5), 1149-1159.
86. **C. Puglia**, D. Trombetta, V. Venuti, A. Saija, F. Bonina. Evaluation of in-vivo topical anti-inflammatory activity of indometacin from liposomal vesicles. *J. Pharm. Pharmacol.*, 2004, 56 (10) 1225-1232.
87. F.Bonina, **C.Puglia**, M.G.Rimoli, D.Melisi, G.Boatto, M. Nieddu, A.Calignano, G. La Rana, P. de Caprariis. Glycosyl derivatives of dopamine and L-dopa as anti-Parkinson prodrugs: synthesis, pharmacological activity and in vitro stability studies. *J.Drug.Targ.*, 2003, 11(1), 25-36.
88. F.Bonina, **C.Puglia**, C.Di Giovanni, A.Saija, A.Tomaino, B.Tita, F.Vitali, C.Pennisi. Effetto salutistico di un nuovo estratto di uva rossa. *Erboristeria Domani.*, 2003, 273, 80-86.
89. F.Bonina, N.A. Santagati and **C.Puglia**. Ketoprofen 1-Alkylazacycloalkan-2-one Esters as Dermal Prodrugs: In Vivo and In Vitro Evaluations. *Drug.Dev.Ind.Pharm.,* 2003, 29(2), 181-190.
90. F.P.Bonina, **C.Puglia**, D.Ventura, N.A. Santagati, A.Saija and D. Trombetta. 1-Ethyl and 1-Propylazacycloalkan-2-one Ester Prodrugs of Ketoprofen: Synthesis, chemical stability, enzymatic hydrolysis, anti-inflammatory activity, and gastrointestinal toxicity. *Arzneim.-forsch./Drug Res.* 2002, 52, 884-889.
91. F.Bonina, **C.Puglia**, D.Ventura, R. Aquino, S.Tortora, A.Sacchi, A.Saija, A.Tomaino, M.L.Pellegrino and P. de Caprariis. In vitro antioxidant and in vivo photoprotective effects of a lyophilised extract of Capparis spinosa L. buds. *J.Cosmet. Sci.,* 2002, 53, 321-335.
92. F.Bonina, **C.Puglia**, D.Trombetta, M. C. Dragani, M. M.Gentile, G.Calvenna: Vehicle effects on *in vitro* skin permeation of thiocolchicoside. *Pharmazie*. 2002, 57: 750-752.
93. F.Bonina, **C.Puglia**, N.A. Santagati, A. Saija, A. Tomaino, B.Tita. Oligoethylene ester derivatives of ketoprofen, naproxen and diclofenac as oral prodrugs: a pharmacological evaluation. *Pharmazie*. 2002, 56: 552-555.
94. F.Bonina, **C.Puglia**, M.G. Rimoli, L.Avallone, E.Abignente, G.Boatto, M.Nieddu, R.Meli, M.Amorena, P.de Caprariis. Synthesis, in vitro chemical and enzymatic stability of glycosyl 3'-azido-3'- deoxythymidine derivatives as potential anti-HIV agents. *Eur.J.Pharm.Sci.*2002, 16 [3]: 167-174.
95. F.P.Bonina, M.G.Rimoli, L.Avallone, F.Barbato, M.Amato, **C.Puglia**, M.Ricci, P.de Caprariis. New oligoethylene ester derivatives of 5-iodo-2’-deoxyuridine as dermal prodrugs: synthesis, physicochemical properties and skin permeation studies. *J.Pharm.Sci.*2002, 91 [1]: 171-179.
96. F.Bonina,**C.Puglia**, A.Saija, D.Trombetta, A.Vanella, A.Russo, P.Rapisarda, U.Cornelli, G.Trincali, E.Insirello, M.Ferro. Proprietà salutistiche dell’estratto di arance rosse di Sicilia: Un elisir dell’Etna. *Integr. Nutr*. 2002, 5(4) 7-15.
97. F.P.Bonina, C.Leotta, G.Scalia, **C.Puglia**, D.Trombetta, G. Tringali, A. M. Roccazzello, P. Rapisarda, A. Saija. Evaluation of oxidative stress in diabetic patients after supplementation with a standardised red orange extract. *Diab.Nutr.Metab.*2002, 15 [1]: 14-9.
98. R. Aquino, S. Morelli, A.Tomaino, M. Pellegrino, A. Saija,  L.Grumetto, **C. Puglia**, D.Ventura, F.Bonina. Biophenolic content, antioxidant and photoprotective activity of a crude extract of *Culcitium reflexum*H.B.K*.*leaves. *J.Ethnopharm*. 2002, 79 [2]: 183-191.
99. F.Bonina, **C.Puglia**, D.Ventura, M.Fanelli, Sospensioni minerali: attività radical scavenging in vivo. *Cosm Technol.*2001 4[6]: 23-26.
100. **C.Puglia**, F.Bonina, G.Trapani, M.Franco, M.Ricci, Evaluation of in vitro percutaneous absorption of lorazepam and clonazepam from hydro-alcholic gel formulations. *Int.J.Pharm*. 2001 228: 79-87.
101. F.P. Bonina, **C.Puglia**, T.Barbuzzi, P. de Caprariis, F. Palagiano, M.G. Rimoli, A.Saija. In vitro and in vivo evaluation of polyoxyethylene esters as dermal prodrugs of ketoprofen, naproxen and diclofenac. *Eur.J.Pharm.Sci.*2001 14: 123-134.
102. F.Bernacchi, **C.Puglia**, U.Citernesi, F.Bonina. Efficacy evaluation of sun products formulated with radical-scavengers in liposome complexes. *Sofw* 2001, 127: 30-36.
103. F.Bonina, **C.Puglia**, A.Tomaino, A.Saija, N.Mulinacci, A.Romani, F.Vincieri. In vitro antioxidant and in vivo photoprotective effect of three lyophilized extracts of sedum telephium L. leaves. *J.Pharm.Pharmacol.* 2000, 52: 1279-1285.
104. F.Bonina, T.Barbuzzi, **C.Puglia**, I.Muzzalupo, N.Uccella, A.Russo. Attività antiradicalica e fotoprotettiva “in vivo” dell’oleuropeina e dell’idrossitirosolo. *Cosm Technol.* 1999 2[3]: 18-22.