

Maria F. FUCIARELLI
Pubblicazioni 2013-2017

CONTRIBUTI IN RIVISTA

1. Iorio A, De Lillo A, De Angelis F, Di Girolamo M, Luigetti M, Sabatelli M, Pradotto LG, Mauro A, Mazzeo A, Stancanelli C, Perfetto F, Frusconi S, My F, Manfellotto D, **Fuciarelli M**, Polimanti R (2017) Non-coding variants contribute to the clinical heterogeneity of TTR amyloidosis. *Eur J Hum Genet* 25:1055-1060. doi: 10.1038/ejhg.2017.95. Epub 2017 Jun 21.
2. Iorio A, De Angelis F, Di Girolamo M, Luigetti M, Pradotto LG, Mazzeo A, Frusconi S, My F, Manfellotto D, **Fuciarelli M**, Polimanti R (2017) Population diversity of the genetically determined TTR expression in human tissues and its implications in TTR amyloidosis. *BMC Genomics* 18:254. doi: 10.1186/s12864-017-3646-1.
3. Iorio A, Polimanti R, Calandro M, Graziano ME, Piacentini S, Bucossi S, Squitti R, Lazzarin N, Scano G, Liunbruno GM, Manfellotto D, **Fuciarelli M** (2016) Explorative genetic association study of GSTT2B copy number variant in complex disease risks. *Ann Hum Biol* 43:279-284. doi: 10.3109/03014460.2015.1049206.
4. Iorio A, Velocci M, Graziano ME, Piacentini S, Polimanti R, Manfellotto D, **Fuciarelli M** (2016) GPX1*Pro198Leu and GPX3 rs2070593 as genetic risk markers for Italian asthmatic patients. *Clin. Exp. Pharmacol. Physiol.* 43: 277-9. doi: 10.1111/1440-1681.12522.
5. Iorio A, Polimanti R, Piacentini S, Liunbruno GM, Manfellotto D, **Fuciarelli M** (2015) Deletion polymorphism of GSTT1 gene as protective marker for allergic rhinitis. *Clin. Respir. J.* 9: 481-6. doi:10.1111/CPJ.12170. Epub 2014 Jul 1.
6. Iorio A, De Angelis F, Di Girolamo M, Luigetti M, Pradotto L, Mauro A, Manfellotto D, **Fuciarelli M**, Polimanti R (2015) Most recent common ancestor of *TTR* Val30Met mutation in Italian population and its potential role in genotype-phenotype correlation. *Amyloid* 22: 73-8. doi: 10.3109/13506129.2014.994597. Epub 2014 Dec 16.
7. Iorio A, Spinelli M, Polimanti R, Lorenzi F, Valensise H, Manfellotto D, **Fuciarelli M** (2015) GSTA1 gene variation associated with gestational hypertension and its involvement in pregnancy-related pathogenic conditions. *Eur J Obstet Gynecol Reprod Biol*, 194: 34-37. doi: 10.1016/j.ejogrb.2015.08.006.
8. Polimanti R, Piacentini S, Iorio A, De Angelis F, Kozlov A, Novelletto A, **Fuciarelli M** (2015) Haplotype differences for copy number variants in the 22q11.23 region among human populations: a pigmentation-based model for selective pressure. *Eur J Hum Genet*, 23: 116-123. doi: 10.1038/ejhg.2014.47.
9. Polimanti R, Graziano ME, Lazzarin N, Vaquero E, Manfellotto D, **Fuciarelli M** (2014) GSTO1 uncommon genetic variants are associated with recurrent miscarriage risk. *Fertil Steril*, 101:735-9. doi: 10.1016/j.fertnstert.2013.12.010. Epub 2014 Jan 10.
10. Polimanti R, Iorio A, Piacentini S, Manfellotto D, **Fuciarelli M** (2014) Human pharmacogenomic variation of antihypertensive drugs: from population genetics to personalized medicine. *Pharmacogenomics*, 15:157-67. doi: 10.2217/pgs.13.231.
11. Piacentini S, Polimanti R, Iorio A, Cortesi M, Papa F, Rongioletti M, Liunbruno GM, Manfellotto D, **Fuciarelli M** (2014) GSTA1*-69C/T and GSTO2*N142D as asthma- and allergy-related risk factors in Italian adult patients. *Clin Exp Pharmacol Physiol*;41:180-4. doi: 10.1111/1440-1681.12201.
12. Iorio A, Piacentini S, Polimanti R, De Angelis F, Calderon R, **Fuciarelli M** (2014) Functional variability of glutathione S-transferases in Basque populations. *Am J Hum Biol*, 26:361-6. doi: 10.1002/ajhb.22520. Epub 2014 Feb 17.
13. Polimanti R, Di Girolamo M, Manfellotto D, **Fuciarelli M** (2014) In silico analysis of TTR gene (coding and non-coding regions, and interactive network) and its implications in transthyretin-related amyloidosis. *Amyloid*, 21:154-162. doi: 10.3109/13506129.2014.900487.

14. Polimanti R, Carboni C, Baesso I, Piacentini S, Iorio A, De Stefano GF, **Fuciarelli M** (2013) Genetic variability of glutathione S-transferase enzymes in human populations: functional inter-ethnic differences in detoxification systems. *Gene*, 512:102-7. doi: 10.1016/j.gene.2012.09.113. Epub 2012 Oct 6.
15. Piacentini S, Monaci PM, Polimanti R, Manfredotto D, **Fuciarelli M** (2013) GSTO2*N142D gene polymorphism associated with hypothyroidism in Italian patients. *Mol Biol Rep*, 40:1967-71. doi: 10.1007/s11033-012-2253-0. Epub 2012 Oct 19.
16. Piacentini S, Polimanti R, Simonelli I, Donno S, Pasqualetti P, Manfredotto D, **Fuciarelli M** (2013) Glutathione S-transferase polymorphisms, asthma susceptibility and confounding variables: a meta-analysis. *Mol Biol Rep*, 40:3299-313. doi: 10.1007/s11033-012-2405-2. Epub 2013 Jan 10.
17. Piacentini S, Polimanti R, De Angelis F, Iorio A, **Fuciarelli M** (2013) Phenotype versus genotype methods for copy number variant analysis of glutathione S-transferases M1. *Ann Hum Genet*, 77:409-15. doi: 10.1111/ahg.12025. Epub 2013 Jun 3.
18. Polimanti R, **Fuciarelli M**, Destro-Bisol G, Battaglia C (2013) Functional diversity of the glutathione peroxidase gene family among human populations: implications for genetic predisposition to disease and drug response. *Pharmacogenomic*, 14:1037-45. doi: 10.2217/pgs.13.99.
19. Polimanti R, Di Girolamo M, Manfredotto D, **Fuciarelli M** (2013) Functional variation of the transthyretin gene among human populations and its correlation with amyloidosis phenotypes. *Amyloid*, 20:256-262. doi: 10.3109/13506129.2013.844689. Epub 2013 Oct 10.