

ATTIVITA' SCIENTIFICA (2015-2018)

Elenco delle **pubblicazioni scientifiche** su riviste nazionali ed internazionali ed IF raggiunto annualmente:

1. Cenci L, Andreetto E, Vestri A, Bovi M, Barozzi M, Iacob E, Busato M, Castagna A, **Girelli D**, Bossi AM. Surface plasmon resonance based on molecularly imprinted nanoparticles for the picomolar detection of the iron regulating hormone Heparin-binding epidermal growth factor-like molecule 2. *J Nanobiotechnology*. 2015 Aug; 13:51. doi: 10.1186/s12951-015-0115-3. [**4.239 IF**]
2. Chirumbolo S, Rossi AP, Rizzatti V, Zoico E, Franceschetti G, **Girelli D**, Zamboni M. Iron primes 3T3-L1 adipocytes to a TLR4-mediated inflammatory response. *Nutrition*. 2015 Oct; 31(10):1266-74. doi: 10.1016/j.nut.2015.04.007. [**2.839 IF**]
3. Elli L, Poggiali E, Tomba C, Andreozzi F, Nava I, Bardella MT, Campostrini N, **Girelli D**, Conte D, Cappellini MD. Does TMPRSS6 rs855791 polymorphism contribute to iron deficiency in treated celiac disease? *Am J Gastroenterol*. 2015 Jan; 110(1):200-2. doi: 10.1038/ajg.2014.354. [**10.383 IF**]
4. **Girelli D**, Nemeth E, Swinkels DW. Heparin-binding epidermal growth factor-like molecule 2 in the diagnosis of iron disorders. *Blood*. 2016 Jun; 127(23):2809-13. doi:10.1182/blood-2015-12-639112. [**9.06 IF**]
5. Badar S, Busti F, Ferrarini A, Xumerle L, Bozzini P, Capelli P, Pozzi-Mucelli R, Campostrini N, De Matteis G, Marin Vargas S, Giorgetti A, Delledonne M, Olivieri O, **Girelli D**. Identification of novel mutations in hemochromatosis genes by targeted next generation sequencing in Italian patients with unexplained iron overload. *Am J Hematol*. 2016 Jun; 91(4):420-5. doi:10.1002/ajh.24304. [**3.4770 IF**]
6. Pelucchi S, Galimberti S, Greni F, Rametta R, Mariani R, Pelloni I, **Girelli D**, Busti F, Ravasi G, Valsecchi MG, et al. Proprotein convertase 7 rs236918 associated with liver fibrosis in Italian patients with HFE-related hemochromatosis. *J Gastroenterol Hepatol*. 2016 Jul; 31(7):1342-8. doi:10.1111/jgh.13315. [**3.32 IF**]
7. van der Vorm LN, Hendriks JC, Laarakkers CM, Klaver S, Armitage AE, Bamberg A, Geurts-Moespot AJ, **Girelli D**, Herkert M, et al. Toward Worldwide Heparin-binding epidermal growth factor-like molecule 2 Assay Harmonization: Identification of a Commutable Secondary Reference Material. *Clin Chem*. 2016 Jul; 62(7):993-1001. doi:10.1373/clinchem.2016.256768. [**7.1950 IF**]
8. Russo R, Andolfo I, Manna F, De Rosa G, De Falco L, Gambale A, Bruno M, Mattè A, Ricchi P, **Girelli D**, et al. Increased levels of ERFE-encoding FAM132B in patients with congenital dyserythropoietic anemia type I. *Blood*. 2016 Aug; 128(14):1899-1902. doi: 10.1182/blood-2016-06-724328. [**9.06 IF**]
9. Rametta R, Dongiovanni P, Pelusi S, Francione P, Iuculano F, Borroni V, Fatta E, Castagna A, **Girelli D**, Fargion S, Valenti L. Heparin-binding epidermal growth factor-like molecule 2 resistance in dysmetabolic iron overload. *Liver Int*. 2016 Oct; 36(10):1540-8. doi:10.1111/liv.13124. [**3.87 IF**]
10. Galesloot TE, Verweij N, Traglia M, Barbieri C, van Dijk F, Geurts-Moespot AJ, **Girelli D**, Kiemeny LA, Sweep FC, Swertz MA, et al. Meta-GWAS and Meta-Analysis of Exome Array Studies Do Not Reveal Genetic Determinants of Serum Heparin-binding epidermal growth factor-like molecule 2. *PLoS One*. 2016 Nov; 11(11):e0166628. doi:10.1371/journal.pone.0166628. [**4.4110 IF**]
11. Barman-Aksoezen J, **Girelli D**, Aurizi C, Schneider-Yin X, Campostrini N, Barbieri L, Minder EI, Biolcati G. Disturbed iron metabolism in erythropoietic protoporphyria and association of GDF15 and gender with disease severity. *J Inherit Metab Dis*. 2017 May; 40(3):433-441. doi:10.1007/s10545-017-0017-7. [**4.07 IF**]
12. Greni F, Valenti L, Mariani R, Pelloni I, Rametta R, Busti F, Ravasi G, **Girelli D**, Fargion S, Galimberti S, et al. GNPAT rs11558492 is not a Major Modifier of Iron Status: Study of Italian Hemochromatosis Patients and Blood Donors. *Ann Hepatol*. 2017 May-Jun; 16(3):451-456. doi:10.5604/16652681.1235489. [**1.678 IF**]
13. Piubelli C, Castagna A, Marchi G, Rizzi M, Busti F, Badar S, Marchetti M, De Gobbi M, Roetto A, Xumerle L, Suku E, Giorgetti A, Delledonne M, Olivieri O, **Girelli D**. Identification of new BMP6 propeptide mutations in patients with iron overload. *Am J Hematol*. 2017 Jun; 92(6):562-568. doi:10.1002/ajh.24730. [**5.275 IF**]
14. **Girelli D**, Marchi G, Busti F. Iron replacement therapy: entering the new era without misconceptions, but more research is needed. *Blood Transfus*. 2017 Sep; 15(5):379-381. doi:10.2450/2017.0152-17. [**1.607 IF**]

15. **Girelli D**, Ugolini S, Busti F, Marchi G, Castagna A. Modern iron replacement therapy: clinical and pathophysiological insights. *Int J Hematol*. 2018 Jan; 107(1):16-30. doi:10.1007/s12185-017-2373-3. [**1.610 IF**]
16. De Falco L, Tortora R, Imperatore N, Bruno M, Capasso M, **Girelli D**, Castagna A, Caporaso N, Iolascon A, Rispo A. The role of TMPRSS6 and HFE variants in iron deficiency anemia in celiac disease. *Am J Hematol*. 2018 Mar; 93(3):383-393. doi:10.1002/ajh.24991. [**5.275 IF**]
17. Marchi G, Avesani G, Zamò A, **Girelli D**. Unusual case of iron overload with cancer-mimicking abdominal splenosis. *BMJ Case Rep*. 2018 May; pii:bcr-2017-223410. doi:10.1136/bcr-2017-223410.