

**DOMENICO GIRELLI, MD PhD**  
**List of Full-Lenght Publications**

\*= indexed in PubMed

°= Corresponding Author/Equal Contributor

**h-index** according to main public resources:

- **Scopus: 57** (accessed August 27, 2018)
- **Google Scholar: 70** (accessed August 27, 2018)

- 272\*. Marchi G, Avesani G, Zamò A, **Girelli D**. Unusual case of iron overload with cancer-mimicking abdominal splenosis. *BMJ Case Reports* 2018 May 16; 2018. doi: 10.1136/bcr-2017-223410. [IF = n.y.a]
- 271\*. Paciullo F, Proietti M, Bianconi V; REPOSI Investigators. Choice and Outcomes of Rate Control versus Rhythm Control in Elderly Patients with Atrial Fibrillation: A Report from the REPOSI Study. *Drugs Aging* 2018 Apr;35(4):365-373. [IF = 2.381 (JCR 2017)]
- 270\* Olivieri O, Chiariello C, Martinelli N, Castagna A, Speziali G, **Girelli D**, Pizzolo F, Bassi A, Cecconi D, Robotti E, Manfredi M, Conte E, Marengo E. Sialylated isoforms of apolipoprotein C-III and plasma lipids in subjects with coronary artery disease. *Clinical Chemistry and Laboratory Medicine* 2018 Aug 28;56(9):1542-1550. [IF = 3.556 (JCR 2017)]
- 269\*° Adams P, Altes A, Brissot P, Butzeck B, Cabantchik I, Cançado R, Distant S, Evans P, Evans R, Ganz T, **Girelli D**, Hultcrantz R, McLaren G, Marris B, Milman N, Nemeth E, Nielsen P, Pineau B, Piperno A, Porto G, Prince D, Ryan J, Sanchez M, Santos P, Swinkels D, Teixeira E, Toska K, Vanclooster A, White D; Contributors and Hemochromatosis International Taskforce. Therapeutic recommendations in HFE haemochromatosis for p.Cys282Tyr (C282Y/C282Y) homozygous genotype. *Hepatology International* 2018 Mar;12(2):83-86. [IF = 4.117 (JCR 2017)].
- 268\*° **Girelli D**, Marchi G, Camaschella C. Anemia in the elderly. *Hemasphere (Official Journal of the European Hematology Association)* 2018 2(3):e40, June 2018. [IF = n.y.a].
- 267\*° **Girelli D**, Busti F, Marchi G, Martinelli N, Olivieri O. Therapeutic oligonucleotides in cardiovascular and metabolic diseases: insights for the internist. *Internal and Emergency Medicine* 2018 Apr;13(3):313-318. [Epub ahead of print]. [IF = 2,34 (JCR 2016)].
- 266\* Tessitore N, Poli A, Bedogna V, Corazza L, Campostrini N, Atti M, Sereni L, Castagna A, **Girelli D**, Pessolano G, Lupo A. A single dialysis session of hemodiafiltration with sorbent-regenerated endogenous ultrafiltrate reinfusion (HFR) removes hepcidin more efficiently than bicarbonate hemodialysis: a new approach to containing hepcidin burden in dialysis patients? *Journal of Nephrology* 2018; 31:297-306. [IF = 2,153 (JCR 2016)].
- 265\* 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. *American Journal of Hematology* 2018; 93:383-393. [IF = 5,275 (JCR 2016)].
- 264\* Udali S, Castagna A, Corbella M, Ruzzenente A, Moruzzi S, Mazzi F, Campagnaro T, Santis D, Franceschi A, Pattini P, Gottardo R, Olivieri O, Perbellini L, Guglielmi A, Choi SW, **Girelli D**, Friso S. Hepcidin and DNA promoter methylation in hepatocellular carcinoma. *European Journal of Clinical Investigation* 2018 Feb;48(2):e12870. [IF = 2,714 (JCR 2016)].
- 263\*° **Girelli D**, Ugolini S, Busti F, Marchi G, Castagna A. Modern iron replacement therapy: clinical and pathophysiological insights. *International Journal of Hematology* 2018;107:16-30. [IF = 1,61 (JCR 2016)].
- 262° **Girelli D** (Section Editor in collaboration with De Franceschi L, Martinelli N, Olivieri O). "Ematologia". In Corazza GR, Perticone F, Violi F. *SIMI Handbook, Terapia Medica*. Ed: Edra, Milan, Italy 2017, pp 633-692.

- 261\*° **Girelli D**, Marchi G, Busti F. Iron replacement therapy: entering the new era without misconceptions, but more research is needed. *Blood Transfusion* 2017;15:379-381. [IF = **1,607** (JCR 2016)].
- 260\* Tosi F, Micaglio R, Sandri M, Castagna A, Minguzzi D, Stefanoni F, Chiariello C, Franzese I, Luciani GB, Faggian G, **Girelli D**, Olivieri O, Martinelli N. Increased plasma thrombin potential is associated with stable coronary artery disease: An angiographically-controlled study. *Thrombosis Research* 2017 Jul;155:16-22. [IF = **2,65** (JCR 2016)].
- 259\* Zewinger S, Kleber ME, Tragante V, McCubrey RO, Schmidt AF, Direk K, Laufs U, Werner C, Koenig W, Rothenbacher D, Mons U, Breitling LP, Brenner H, Jennings RT, Petrakis I, Triem S, Klug M, Filips A, Blankenberg S, Waldeyer C, Sinning C, Schnabel RB, Lackner KJ, Vlachopoulou E, Nygård O, Svengen GFT, Pedersen ER, Tell GS, Sinisalo J, Nieminen MS, Laaksonen R, Trompet S, Smit RAJ, Sattar N, Jukema JW, Groesdonk HV, Delgado G, Stojakovic T, Pilbrow AP, Cameron VA, Richards AM, Doughty RN, Gong Y, Cooper-DeHoff R, Johnson J, Scholz M, Beutner F, Thiery J, Smith JG, Vilmundarson RO, McPherson R, Stewart AFR, Cresci S, Lenzini PA, Spertus JA, Olivieri O, **Girelli D**, Martinelli NI, Leisher A, Saely CH, Drexel H, Mündlein A, Braund PS, Nelson CP, Samani NJ, Kofink D, Hofer IE, Pasterkamp G, Quyyumi AA, Ko YA, Hartiala JA, Allayee H, Tang WHW, Hazen SL, Eriksson N, Held C, Hagström E, Wallentin L, Åkerblom A, Siegbahn A, Karp I, Labos C, Pilote L, Engert JC, Brophy JM, Thanassoulis G, Bogaty P, Szczeklik W, Kaczor M, Sanak M, Virani SS, Ballantyne CM, Lee VV, Boerwinkle E, Holmes MV, Horne BD, Hingorani A, Asselbergs FW, Patel RS; GENIUS-CHD consortium., Krämer BK, Scharnagl H, Fliser D, März W, Speer T. Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. *Lancet Diabetes and Endocrinology* 2017; 5:534-543. [IF = **19,742** (JCR 2016)].
- 258\*° 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 pro-peptide mutations in patients with iron overload. *American Journal of Hematology* 2017; 92:562-568. [IF = **5,275** (JCR 2016)].
- 257\*° **Girelli D**, Piubelli C, Martinelli N, Corrocher R, Olivieri O. A decade of progress on the genetic basis of coronary artery disease. Practical insights for the internist. *European Journal of Internal Medicine* 2017; 41:10-17. [IF = **2,96** (JCR 2016)].
- 256\* 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. *Journal of Inherited and Metabolic Diseases* 2017 May;40(3):433-441. [IF = **3,97** (JCR 2016)].
- 255\* Greni F, Valenti L, Mariani R, Pelloni I, Rametta R, Busti F, Ravasi G, **Girelli D**, Fargion S, Galimberti S, Piperno A, Pelucchi S. GNPAT rs11558492 is not a Major Modifier of Iron Status: Study of Italian Hemochromatosis Patients and Blood Donors. *Annals of Hepatology* 2017; 16:451-456. [IF = **1,678** (JCR 2016)].
- 254\* Bertolotti M, Franchi C, Rocchi MB, Miceli A, Libbra MV, Nobili A, Lancellotti G, Carulli L, Mussi C; REPOSI Investigators. Prevalence and Determinants of the Use of Lipid-Lowering Agents in a Population of Older Hospitalized Patients: the Findings from the REPOSI (REgistro POLiterapie Società Italiana di Medicina Interna) Study. *Drugs Aging* 2017; 34:311-319. [IF = **2,769** (JCR 2016)].
- 253\* Webb TR, Erdmann J, Stirrups KE, Stitzel NO, Masca NG, Jansen H, Kanoni S, Nelson CP, Ferrario PG, König IR, Eicher JD, Johnson AD, Hamby SE, Betsholtz C, Ruusalepp A, Franzén O, Schadt EE, Björkegren JL, Weeke PE, Auer PL, Schick UM, Lu Y, Zhang H, Dube MP, Goel A, Farrall M, Peloso GM, Won HH, Do R, van Iperen E, Kruppa J, Mahajan A, Scott RA, Willenborg C, Braund PS, van Capelleveen JC, Doney AS, Donnelly LA, Asselta R, Merlini PA, Duga S, Marziliano N, Denny JC, Shaffer C, El-Mokhtari NE, Franke A, Heilmann S, Hengstenberg C, Hoffmann P, Holmen OL, Hveem K, Jansson JH, Jöckel KH, Kessler T, Kriebel J, Laugwitz KL, Marouli E, Martinelli N, McCarthy MI, Van Zuydam NR, Meisinger C, Esko T, Mihailov E, Escher SA, Alver M, Moebus S, Morris AD, Virtamo J, Nikpay M, Olivieri O, Provest S, AlQarawi A, Robertson NR, Akinsansya KO, Reilly DF, Vogt TF, Yin W, Asselbergs FW,

- Kooperberg C, Jackson RD, Stahl E, Müller-Nurasyid M, Strauch K, Varga TV, Waldenberger M; Wellcome Trust Case Control Consortium., Zeng L, Chowdhury R, Salomaa V, Ford I, Jukema JW, Amouyel P, Kontto J; MORGAM Investigators., Nordestgaard BG, Ferrières J, Saleheen D, Sattar N, Surendran P, Wagner A, Young R, Howson JM, Butterworth AS, Danesh J, Ardissino D, Bottinger EP, Erbel R, Franks PW, **Girelli D**, Hall AS, Hovingh GK, Kastrati A, Lieb W, Meitinger T, Kraus WE, Shah SH, McPherson R, Orho-Melander M, Melander O, Metspalu A, Palmer CN, Peters A, Rader DJ, Reilly MP, Loos RJ, Reiner AP, Roden DM, Tardif JC, Thompson JR, Wareham NJ, Watkins H, Willer CJ, Samani NJ, Schunkert H, Deloukas P, Kathiresan S; Myocardial Infarction Genetics and CARDIoGRAM Exome Consortia Investigators.. Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. *Journal of the American College of Cardiology* 2017 Feb 21;69(7):823-836. [IF = **19,896** (JCR 2015)].
- 252\* Russo R, Andolfo I, Manna F, De Rosa G, De Falco L, Gambale A, Bruno M, Mattè A, Ricchi P, **Girelli D**, De Franceschi L, Iolascon A. Increased levels of ERFE-encoding *FAM132B* in patients with congenital dyserythropoietic anemia type II. *Blood* 2016;128:1899-1902. [IF = **11,841** (JCR 2015)].
- 251\* Galesloot TE, Verweij N, Traglia M, Barbieri C, van Dijk F, Geurts-Moespot AJ, **Girelli D**, Kiemeneij LA, Sweep FC, Swertz MA, van der Meer P, Camaschella C, Toniolo D, Vermeulen SH, van der Harst P, Swinkels DW. Meta- GWAS and Meta-Analysis of Exome Array Studies Do Not Reveal Genetic Determinants of Serum Hepcidin. *PLoS One* 2016 Nov 15;11(11):e0166628. [IF = **3,057** (JCR 2015)].
- 250\*° **Girelli D**, Nemeth E, Swinkels DW. Hepcidin in the diagnosis of iron disorders. *Blood* 2016; 127(23):2809-13. [IF = **11,841** (JCR 2015)].
- 249\* Proietti M, Nobili A, Raparelli V, Napoleone L, Mannucci PM, Lip GY; REPOSI investigators.. Adherence to antithrombotic therapy guidelines improves mortality among elderly patients with atrial fibrillation: insights from the REPOSI study. *Clinical Research in Cardiology* 2016 Nov;105(11):912-920. [IF = **4,324** (JCR 2015)]
- 248\* van der Vorm LN, Hendriks JC, Laarakkers CM, Klaver S, Armitage AE, Bamberg A, Geurts-Moespot AJ, **Girelli D**, Herkert M, Itkonen O, Konrad RJ, Tomosugi N, Westerman M, Bansal SS, Campostrini N, Drakesmith H, Fillet M, Olbina G, Pasricha SR, Pitts KR, Sloan JH, Tagliaro F, Weykamp CW, Swinkels DW; Hepcidin Harmonization Team. Toward worldwide hepcidin assay harmonization: identification of a commutable secondary reference material. *Clinical Chemistry* 2016; 62:993-1001. [IF = **7,911** (JCR 2014)]
- 247\* Ferbo L, Manzini PM, Badar S, Campostrini N, Ferrarini A, Delledonne M, Francisci T, Tassi V, Valfrè A, Dall'omo AM, D'antico S, **Girelli D**, Roetto A, De Gobbi M. Detection of a rare mutation in the ferroportin gene through targeted next generation sequencing. *Blood Transfusion* 2016 Apr 28:1-4. [Epub ahead of print]. [IF = **2,372** (JCR 2014)]
- 246\* 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. *American Journal of Hematology* 2016; 91(4):420-5. [IF = **3,798** (JCR 2014)]
- 245\* Martinelli N, **Girelli D**, Baroni M, Guarini P, Sandri M, Lunghi B, Tosi F, Branchini A, Sartori F, Woodhams B, Bernardi F, Olivieri O. Activated factor VII-antithrombin complex predicts mortality in patients with stable coronary artery disease: a cohort study. *Journal of Thrombosis and Haemostasis* 2016; 14(4):655-66. Epub 2016 Mar 14. [IF = **5,720** (JCR 2014)]
- 244\* Myocardial Infarction Genetics and CARDIoGRAM Exome Consortia Investigators. Coding Variation in *ANGPTL4*, *LPL*, and *SVEP1* and the Risk of Coronary Disease. *New England Journal of Medicine* 2016;374(12):1134-44. Epub 2016 Mar 2. [IF = **55,873** (JCR 2014)]
- 243\* Rametta R, Dongiovanni P, Pelusi S, Francione P, Iuculano F, Borroni V, Fatta E, Castagna A,

- Girelli D**, Fargion S, Valenti L. Hcpidin resistance in dysmetabolic iron overload. *Liver International* 2016 Mar 21. [Epub ahead of print] [IF = **4,850** (JCR 2014)]
- 242\* Pelucchi S, Galimberti S, Greni F, Rametta R, Mariani R, Pelloni I, **Girelli D**, Busti F, Ravasi G, Valsecchi MG, Valenti L, Piperno A. Proprotein convertase 7 rs236918 is associated with liver fibrosis in Italian patients with HFE-related Hemochromatosis. *Journal of Gastroenterology and Hepatology* 2016 Feb 11. [Epub ahead of print] [IF = **3,504** (JCR 2014)]
- 241\* Engert A, Balduini C, Brand A, et al. (EHA Roadmap for European Hematology Research). The European Hematology Association Roadmap for European Hematology Research: a consensus document. *Haematologica* 2016;101(2):115-208. Epub 2016 Jan 27. [IF = **5,814** (JCR 2014)]
- 240\* De Falco L, Bruno M, Yilmaz-Keskin E, Sal E, Büyükcavci M, Kaya Z, **Girelli D**, Iolascon A. The role of Matriptase-2 during the early postnatal development in humans. *Haematologica* 2016;101(4):e126-8. Epub 2016 Jan 22. [IF = **5,814** (JCR 2014)]
- 239\* Locke AE, Kahali B, Berndt SI, et al. Genetic studies of body mass index yield new insights for obesity biology. *Nature* 2015 Feb 12;518(7538):197-206. [IF = **41,456** (JCR 2014)]
- 238\* Martinelli M, Strisciuglio C, Alessandrella A, Rossi F, Auricchio R, Campostrini N, **Girelli D**, Nobili B, Staiano A, Perrotta S, Miele E. Serum Hcpidin and Iron Absorption in Pediatric Inflammatory Bowel Disease. *Journal of Crohn's and Colitis* 2016. Epub 5 Jan 2016. [IF = **6,234** (JCR 2014)]
- 237\* **Girelli D**, Busti F, Campostrini N. La anemia ferropenica en pacientes ancianos revisitado en la era de la hepcidina / New insights into iron deficiency anemia in the elderly after hepcidin discovery. *Hematologia / Revista Sociedad Argentina de Hematologia* 2015; 19:257-264.
- 236 Tosi F, Martinelli N, Busti F, Corrocher R, Olivieri O, **Girelli D**. Genomica della Cardiopatia Ischemica. Dagli studi di associazione Genome-Wide all'era del Next-Generation Sequencing. *Giornale Italiano dell'Arteriosclerosi* 2015; 6(3):26-27.
- 235\* 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 Hcpidin-25. *Journal of Nanobiotechnology* 2015, Aug 27;13(1):51. [IF = **4,12** (JCR 2014)]
- 234\* 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, May 5 [Epub ahead of print] [IF = **2,926** (JCR 2014)]
- 233\* 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? *American Journal of Gastroenterology* 2015 Jan;110(1):200-2. [IF = **9,213** (JCR 2013)]
- 232\* Wood AR, et al. Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics* 2014 Nov;46(11):1173-86. doi: 10.1038/ng.3097. Epub 2014 Oct 5. [IF = **29,648** (JCR 2013)]
- 231\* Do R, Stitzel NO, Won HH, Jørgensen AB, Duga S, Angelica Merlini P, Kiezun A, Farrall M, Goel A, Zuk O, Guella I, Asselta R, Lange LA, Peloso GM, Auer PL; NHLBI Exome Sequencing Project, **Girelli D**, Martinelli N, Farlow DN, DePristo MA, Roberts R, Stewart AF, Saleheen D, Danesh J, Epstein SE, Sivapalaratnam S, Kees Hovingh G, Kastelein JJ, Samani NJ, Schunkert H, Erdmann J, Shah SH, Kraus WE, Davies R, Nikpay M, Johansen CT, Wang J, Hegele RA, Hechter E, Marz W, Kleber ME, Huang J, Johnson AD, Li M, Burke GL, Gross M, Liu Y, Assimes TL, Heiss G, Lange EM, Folsom AR, Taylor HA, Olivieri O, Hamsten A, Clarke R, Reilly DF, Yin W, Rivas MA, Donnelly P, Rossouw JE, Psaty BM, Herrington DM, Wilson JG, Rich SS, Bamshad MJ, Tracy RP, Adrienne Cupples L, Rader DJ, Reilly MP, Spertus JA, Cresci S, Hartiala J, Wilson Tang WH, Hazen SL, Allayee H, Reiner AP, Carlson CS, Kooperberg C, Jackson RD, Boerwinkle E, Lander ES, Schwartz SM, Siscovick DS, McPherson R, Tybjaerg-Hansen A, Abecasis GR, Watkins H, Nickerson DA,

- Ardissino D, Sunyaev SR, O'Donnell CJ, Altshuler D, Gabriel S, Kathiresan S. Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. *Nature* 2014 Dec 10. doi: 10.1038/nature13917. [Epub ahead of print] [IF = **42,351** (JCR 2013)]
- 230\* Marchetti G, **Girelli D**, Zerbinati C, Lunghi B, Friso S, Meneghetti S, Coen M, Gagliano T, Guastella G, Bochaton-Piallat ML, Pizzolo F, Mascoli F, Malerba G, Bovolenta M, Ferracin M, Olivieri O, Bernardi F, Martinelli N. An integrated genomic-transcriptomic approach supports a role for the proto-oncogene BCL3 in atherosclerosis. *Thrombosis and Haemostasis* 2014 Nov 6;113(3). [Epub ahead of print] [IF = **5,760** (JCR 2013)]
- 229\* **Girelli D**, Badar S, Martinelli N, Busti F, Corrocher R, Olivieri O. Genomics of coronary artery disease and myocardial infarction. From Genome Wide Association Studies to the Next-Generation-Sequencing era. *Internal and Emergency Medicine* 2014, 9 (Suppl):S25–S31 [IF = **2,41** (JCR 2013)]
- 228\* Poli M, Asperti M, Ruzzenenti P, Mandelli L, Camprostrini N, Martini G, Di Somma M, Maccarinelli F, **Girelli D**, Naggi A, Arosio P. Oversulfated heparins with low anticoagulant activity are strong and fast inhibitors of hepcidin expression in vitro and in vivo. *Biochemical Pharmacology* 2014 Dec 1;92(3):467-75. doi: 10.1016/j.bcp.2014.09.007. [Epub 2014 Sep 21]. [IF = **4,650** (JCR 2013)]
- 227\* Matteazzi T, Martinelli N, Olivieri O, Tavella D, and **Girelli D**. Incidentally Found Transient and Asymptomatic ST-Elevation: A Diagnostic Dilemma. *Journal of Medical Cases* 2014 5(9):477-481 [IF = n.a. (JCR 2013)]
- 226\* Schick UM, Auer PL, Bis JC, Lin H, Wei P, Pankratz N, Lange LA, Brody J, Stitzel NO, Kim DS, Carlson CS, Fornage M, Haessler J, Hsu L, Jackson RD, Kooperberg C, Leal SM, Psaty BM, Boerwinkle E, Tracy R, Ardissino D, Shah S, Willer C, Loos R, Melander O, McPherson R, Hovingh K, Reilly M, Watkins H, **Girelli D**, Fontanillas P, Chasman DI, Gabriel SB, Gibbs R, Nickerson DA, Kathiresan S, Peters U, Dupuis J, Wilson JG, Rich SS, Morrison AC, Benjamin EJ, Gross MD, Reiner AP; on Behalf of the Cohorts for Heart and Aging Research in Genomic Epidemiology and the National Heart, Lung, and Blood Institute GO Exome Sequencing Project. Association of exome sequences with plasma C-reactive protein levels in >9000 participants. *Human Molecular Genetics* 2015 Jan 15;24(2):559-71. [Epub 2014 Sep 3] [IF = **6,677** (JCR 2013)]
- 225\* Lim ET, Würtz P, Havulinna AS, Palta P, Tukiainen T, Rehnström K, Esko T, Mägi R, Inouye M, Lappalainen T, Chan Y, Salem RM, Lek M, Flannick J, Sim X, Manning A, Ladenvall C, Bumpstead S, Hämläinen E, Aalto K, Maksimow M, Salmi M, Blankenberg S, Ardissino D, Shah S, Horne B, McPherson R, Hovingh GK, Reilly MP, Watkins H, Goel A, Farrall M, **Girelli D**, Reiner AP, Stitzel NO, Kathiresan S, Gabriel S, Barrett JC, Lehtimäki T, Laakso M, Groop L, Kaprio J, Perola M, McCarthy MI, Boehnke M, Altshuler DM, Lindgren CM, Hirschhorn JN, Metspalu A, Freimer NB, Zeller T, Jalkanen S, Koskinen S, Raitakari O, Durbin R, MacArthur DG, Salomaa V, Ripatti S, Daly MJ, Palotie A; Sequencing Initiative Suomi (SISu) Project. Distribution and medical impact of loss-of-function variants in the Finnish founder population. *PLoS Genetics* 2014 Jul 31;10(7):e1004494. doi: 10.1371/journal.pgen.1004494. eCollection 2014 Jul. [IF = **8,167** (JCR 2013)]
- 224\* TG and HDL Working Group of the Exome Sequencing Project, National Heart, Lung, and Blood Institute, Crosby J, Peloso GM, Auer PL, Crosslin DR, Stitzel NO, Lange LA, Lu Y, Tang ZZ, Zhang H, Hindy G, Masca N, Stirrups K, Kanoni S, Do R, Jun G, Hu Y, Kang HM, Xue C, Goel A, Farrall M, Duga S, Merlini PA, Asselta R, **Girelli D**, Olivieri O, Martinelli N, Yin W, Reilly D, Speliotes E, Fox CS, Hveem K, Holmen OL, Nikpay M, Farlow DN, Assimes TL, Franceschini N, Robinson J, North KE, Martin LW, DePristo M, Gupta N, Escher SA, Jansson JH, Van Zuydam N, Palmer CN, Wareham N, Koch W, Meitinger T, Peters A, Lieb W, Erbel R, König IR, Kruppa J, Degenhardt F, Gottesman O, Bottinger EP, O'Donnell CJ, Psaty BM, Ballantyne CM, Abecasis G, Ordovas JM, Melander O, Watkins H, Orho-Melander M, Ardissino D, Loos RJ, McPherson R, Willer CJ, Erdmann J, Hall AS, Samani NJ, Deloukas P, Schunkert H, Wilson JG, Kooperberg C, Rich SS, Tracy RP, Lin DY, Altshuler D, Gabriel S, Nickerson DA, Jarvik GP, Cupples LA, Reiner AP, Boerwinkle E, Kathiresan S. Loss-of-function mutations in APOC3, triglycerides, and coronary disease. *New England Journal of Medicine* 2014 Jul 3;371(1):22-31. [IF = **54,42** (JCR 2013)]
- 223\* Shen GQ, **Girelli D**, Li L, Rao S, Archacki S, Olivieri O, Martinelli N, Park JE, Chen Q, Topol EJ, Wang QK. A novel molecular diagnostic marker for familial and early-onset coronary artery disease

and myocardial infarction in the LRP8 gene. *Circulation Cardiovascular Genetics* 2014 Aug;7(4):514-20. [IF = 6,728 (JCR 2013)]

- 222\* Busti F, Campostrini N, Martinelli N, and **Girelli D**. Iron deficiency in the elderly population, revisited in the hepcidin era. *Frontiers in Pharmacology* 2014 Apr 23;5:83. doi: 10.3389/fphar.2014.00083. [IF = n.a. (JCR 2013)]
- 221\* Mazzucco S, Benini L, Gallione C, D'Adamo P, and **Girelli D**. Juvenile stroke in combined syndrome of hereditary hemorrhagic telangiectasia and juvenile polyposis. *Neurological Science* 2014 Aug;35(8):1315-8. [IF = 1,495 (JCR 2013)]
- 220\* Peloso GM, Auer PL, Bis JC, Voorman A, Morrison AC, Stitzel NO, Brody JA, Khetarpal SA, Crosby JR, Fornage M, Isaacs A, Jakobsdottir J, Feitosa MF, Davies G, Huffman JE, Manichaikul A, Davis B, Lohman K, Joon AY, Smith AV, Grove ML, Zanon P, Redon V, Demissie S, Lawson K, Peters U, Carlson C, Jackson RD, Ryckman KK, Mackey RH, Robinson JG, Siscovick DS, Schreiner PJ, Mychaleckyj JC, Pankow JS, Hofman A, Uitterlinden AG, Harris TB, Taylor KD, Stafford JM, Reynolds LM, Marioni RE, Dehghan A, Franco OH, Patel AP, Lu Y, Hindy G, Gottesman O, Bottinger EP, Melander O, Orho-Melander M, Loos RJ, Duga S, Merlini PA, Farrall M, Goel A, Asselta R, **Girelli D**, Martinelli N, Shah SH, Kraus WE, Li M, Rader DJ, Reilly MP, McPherson R, Watkins H, Ardissino D; NHLBI GO Exome Sequencing Project, Zhang Q, Wang J, Tsai MY, Taylor HA, Correa A, Griswold ME, Lange LA, Starr JM, Rudan I, Eiriksdottir G, Launer LJ, Ordovas JM, Levy D, Chen YD, Reiner AP, Hayward C, Polasek O, Deary IJ, Borecki IB, Liu Y, Gudnason V, Wilson JG, van Duijn CM, Kooperberg C, Rich SS, Psaty BM, Rotter JI, O'Donnell CJ, Rice K, Boerwinkle E, Kathiresan S, Cupples LA. Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. *American Journal of Human Genetics* 2014 Feb 6;94(2):223-32. [IF = 11,202 (JCR 2012)]
- 219\* Poli M, Asperti M, Naggi A, Campostrini N, **Girelli D**, Corbella M, Benzi M, Besson-Fournier C, Coppin H, Maccarinelli F, Finazzi D, Arosio P. Glycol-split non-anticoagulant heparins are inhibitors of hepcidin expression in vitro and in vivo. *Blood* 2014 Mar 6;123(10):1564-73. [Epub 2014 Jan 7]. [IF = 9,06 (JCR 2012)]
- 218\* Stitzel NO, Fouchier SW, Sjouke B, Peloso GM, Moscoso AM, Auer PL, Goel A, Gigante B, Barnes TA, Melander O, Orho-Melander M, Duga S, Sivapalaratnam S, Nikpay M, Martinelli N, **Girelli D**, Jackson RD, Kooperberg C, Lange LA, Ardissino D, McPherson R, Farrall M, Watkins H, Reilly MP, Rader DJ, de Faire U, Schunkert H, Erdmann J, Samani NJ, Charnas L, Altshuler D, Gabriel S, Kastelein JJ, Defesche JC, Nederveen AJ, Kathiresan S, Hovingh GK; National Heart, Lung, and Blood Institute GO Exome Sequencing Project. Exome sequencing and directed clinical phenotyping diagnose cholesterol ester storage disease presenting as autosomal recessive hypercholesterolemia. *Arteriosclerosis Thrombosis and Vascular Biology* 2013 Dec;33(12):2909-14. [IF = 6,338 (JCR 2012)]
- 217\* Olivieri O, Martinelli N, Baroni M, Branchini A, **Girelli D**, Friso S, Pizzolo F, Bernardi F. Factor II activity is similarly increased in patients with elevated apolipoprotein CIII and in carriers of the factor II 20210A allele. *Journal of the American Heart Association* 2013 Nov 15;2(6):e000440. [IF = 2,882 (JCR 2013)]
- 216\* Moruzzi S, **Girelli D**, Friso S. An Unusual Case of Acute Abdominal Pain. *International Journal of Case Report in Medicine* 2013. DOI: 10.5171/2013.748811 [IF = n.a. (JCR 2012)]
- 215\* Valenti L, Messa P, Pelusi S, Campostrini N, and **Girelli D**. Hepcidin levels in chronic hemodialysis patients: a critical evaluation. *Clinical Chemistry and Laboratory Medicine* 2014;52(5):613-9. [Epub Nov 14 2013] [IF = 3,009 (JCR 2012)]
- 214\* Forni GL, Pinto V, Musso M, Mori M, **Girelli D**, Caldarelli I, Borriello A, and Della Ragione F. Transferrin-immune complex disease: a potentially overlooked gammopathy mediated by IgM as well as IgG. *American Journal of Hematology* 2013;88(12):1045-9. [IF = 4,003 (JCR 2012)]
- 213\* Bergamaschi G, Di Sabatino A, Albertini R, Costanzo F, Guerci M, Masotti M, Pasini A, Massari A, Campostrini N, Corbella M, **Girelli D**, Corazza GR. Serum hepcidin in inflammatory bowel diseases:

biological and clinical significance. *Inflammatory Bowel Disease* 2013; Jul 17. [Epub ahead of print] [IF = 5,119 (JCR 2012)]

- 212\*° Martinelli N, Olivieri O, and **Girelli D**. Air particulate matter and cardiovascular disease: A narrative review. *European Journal of Internal Medicine* 2013; 24:295-302. [IF = 2,049 (JCR 2012)]
- 211\* Robach P, Recalcati S, **Girelli D**, Campostrini N, Kempf T, Wollert KC, Corbella M, Santambrogio P, Perbellini L, Brasse-Lagnel C, Christensen B, Moutereau S, Lundby C, Cairo G. Serum hepcidin levels and muscle iron proteins in humans injected with low- or high-dose erythropoietin. *European Journal of Haematology* 2013 Jul;91(1):74-84. [Epub 2013 May 3] [IF = 2,614 (JCR 2011)]
- 210\* Dongiovanni P, Ruscica M, Rametta R, Recalcati S, Steffani L, Gatti S, **Girelli D**, Cairo G, Magni P, Fargion S, Valenti L. Dietary Iron Overload Induces Visceral Adipose Tissue Insulin Resistance. *American Journal of Pathology* 2013 Jun;182(6):2254-63. [Epub 2013 Apr 8] [IF = 4,89 (JCR 2011)]
- 209\* Shen GQ, **Girelli D**, Li L, Olivieri O, Martinelli N, Chen Q, Topol EJ, Wang QK. Multi-allelic haplotype association identifies novel information different from single-SNP analysis: A new protective haplotype in the LRP8 gene is against familial and early-onset CAD and MI. *Gene* 2013 May 25;521(1):78-81. [Epub 2013 Mar 21] [IF = 2,341 (JCR 2011)]
- 208\* Martinelli N, Garcia-Heredia A, Roca H, Aranda N, Arija V, Mackness B, Mackness M, Busti F, Aragonés G, Pedro-Botet J, Pedica F, Cataldo I, Marsillach J, Joven J, **Girelli D**, Camps J. Paraoxonase-1 status in patients with hereditary hemochromatosis. *Journal of Lipid Research* 2013 May;54(5):1484-92. [Epub 2013 Mar 6] [IF = 5,559 (JCR 2011)]
- 207\* Pelusi S, **Girelli D**, Rametta R, Campostrini N, Alfieri C, Traglia M, Dongiovanni P, Como G, Toniolo D, Camaschella C, Messa P, Fargion S, Valenti L. The A736V TMPRSS6 polymorphism influences hepcidin and iron metabolism in chronic hemodialysis patients: TMPRSS6 and hepcidin in hemodialysis. *BMC Nephrology* 2013 Feb 22;14(1):48. [IF = 2,176 (JCR 2011)]
- 206\* Friso S, Udali S, Guarini P, Pellegrini C, Pattini P, Moruzzi S, **Girelli D**, Pizzolo F, Martinelli N, Corrocher R, Olivieri O, and Choi SW. Global DNA hypomethylation in peripheral blood mononuclear cells as a biomarker of cancer risk. *Cancer Epidemiology Biomarkers and Prevention* 2013 Mar; 22(3):348-55 [IF = 4,123 (JCR 2011)]
- 205\* Martinelli N, Consoli L, **Girelli D**, Corrocher R, Olivieri O. Paraoxonases: ancient hunters of substrates and their developing role in ischemic heart disease in the current age. *Advances in Clinical Chemistry* 2013; 59:65-100. [IF = 4,302 (JCR 2013)]
- 204\* Martinelli N, Traglia M, Campostrini N, Biino G, Corbella M, Sala C, Busti F, Masciullo C, Manna D, Previtali S, Castagna A, Pistis G, Olivieri O, Toniolo D, Camaschella C, and **Girelli D**. Increased serum hepcidin levels in subjects with the metabolic syndrome: a population study. *PLoS One* 2012; 7(10):e48250. [IF = 4,092 (JCR 2011)]
- 203\* Lucas G, Lluís-Ganella C, Subirana I, Musameh MD, Gonzalez JR, Nelson CP, Sentí M; Myocardial Infarction Genetics Consortium; Wellcome Trust Case Control Consortium, Schwartz SM, Siscovick D, O'Donnell CJ, Melander O, Salomaa V, Purcell S, Altshuler D, Samani NJ, Kathiresan S, Elosua R. Hypothesis-based analysis of gene-gene interactions and risk of myocardial infarction. *PLoS One* 2012;7(8):e41730. [IF = 4,092 (JCR 2011)]
- 202\* De Falco L, Bruno M, Andolfo I, David BP, **Girelli D**, Noce FD, Camaschella C, Iolascon A. Identification and characterization of the first SLC11A2 isoform 1a mutation causing a defect in splicing process and an hypomorphic allele expression of the SLC11A2 gene. *British Journal of Haematology* 2012 Nov;159(4):492-5 [IF = 4,941 (JCR 2011)]

- 201\* Campostrini N, Traglia M, Martinelli N, Corbella M, Cocca M, Manna D, Castagna A, Masciullo C, Silvestri L, Olivieri O, Toniolo D, Camaschella C, and **Girelli D**. Serum levels of the hepcidin-20 isoform in a large general population: The Val Borbera study. *Journal of Proteomics* 2012; 76:28-35. [IF = **4,878** (JCR 2011)]
- 200\* Polati R, Castagna A, Bossi AM, Alberio T, De Domenico I, Kaplan J, Timperio AM, Zolla L, Federica G, D'Alessandro A, Brunch R, Olivieri O, and **Girelli D**. Murine macrophages response to iron. *Journal of Proteomics* 2012; 76:10-27. [IF = **4,878** (JCR 2011)]
- 199\* Pelucchi S, Mariani R, Calza S, Fracanzani AL, Modignani GL, Bertola F, Busti F, Trombini P, Fraquelli M, Forni GL, **Girelli D**, Fargion S, Specchia S, Piperno A. CYBRD1 as a modifier gene that modulates iron phenotype in HFE 2 p.C282Y homozygous patients. *Haematologica* 2012; 97:1818-182. [IF = **6,424** (JCR 2011)]
- 198\* Voight BF, Peloso GM, Orho-Melander M, Frikke-Schmidt R, Barbalic M, Jensen MK, Hindy G, Hólm H, Ding EL, Johnson T, Schunkert H, Samani NJ, Clarke R, Hopewell JC, Thompson JF, Li M, Thorleifsson G, Newton-Cheh C, Musunuru K, Pirruccello JP, Saleheen D, Chen L, Stewart AF, Schillert A, Thorsteinsdottir U, Thorgeirsson G, Anand S, Engert JC, Morgan T, Spertus J, Stoll M, Berger K, Martinelli N, **Girelli D**, McKeown PP, Patterson CC, Epstein SE, Devaney J, Burnett MS, Mooser V, Ripatti S, Surakka I, Nieminen MS, Sinisalo J, Lokki ML, Perola M, Havulinna A, de Faire U, Gigante B, Ingelsson E, Zeller T, Wild P, de Bakker PI, Klungel OH, Maitland-van der Zee AH, Peters BJ, de Boer A, Grobbee DE, Kamphuisen PW, Deneer VH, Elbers CC, Onland-Moret NC, Hofker MH, Wijmenga C, Verschuren WM, Boer JM, van der Schouw YT, Rasheed A, Frossard P, Demissie S, Willer C, Do R, Ordovas JM, Abecasis GR, Boehnke M, Mohlke KL, Daly MJ, Guiducci C, Burt NP, Surti A, Gonzalez E, Purcell S, Gabriel S, Marrugat J, Peden J, Erdmann J, Diemert P, Willenborg C, König IR, Fischer M, Hengstenberg C, Ziegler A, Buyschaert I, Lambrechts D, Van de Werf F, Fox KA, El Mokhtari NE, Rubin D, Schrezenmeir J, Schreiber S, Schäfer A, Danesh J, Blankenberg S, Roberts R, McPherson R, Watkins H, Hall AS, Overvad K, Rimm E, Boerwinkle E, Tybjaerg-Hansen A, Cupples LA, Reilly MP, Melander O, Mannucci PM, Ardissino D, Siscovick D, Elosua R, Stefansson K, O'Donnell CJ, Salomaa V, Rader DJ, Peltonen L, Schwartz SM, Altshuler D, Kathiresan S. Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. *Lancet* 2012 Aug 11; 380(9841):572-80. [IF = **38,278** (JCR 2011)]
- 197\* Martinelli N, Busti F, **Girelli D**, Olivieri O. DISHphagia: an unusual cause of dysphagia. *Journal of Clinical Endocrinology and Metabolism* 2012 Aug; 97(8):2573-4. [IF = **5,967** (JCR 2011)]
- 196\* Vanden Eijnden S, Hassoun M, Donner C, Cotton F, **Girelli D**, D'Haene N, Désir J, Cassart M. Iron overload in gestational alloimmune liver disease: still more questions than answers. *Prenatal Diagnosis* 2012; 32: 810-812. [IF = **2,106** (JCR 2011)]
- 195\* Clarke R, Bennett DA, Parish S, Verhoef P, Dötsch-Klerk M, Lathrop M, Xu P, Nordestgaard BG, Holm H, Hopewell JC, Saleheen D, Tanaka T, Anand SS, Chambers JC, Kleber ME, Ouwehand WH, Yamada Y, Elbers C, Peters B, Stewart AF, Reilly MM, Thorand B, Yusuf S, Engert JC, Assimes TL, Kooner J, Danesh J, Watkins H, Samani NJ, Collins R, Peto R; MTHFR Studies Collaborative Group (... , **Girelli D**, ...). Homocysteine and coronary heart disease: meta-analysis of MTHFR case-control studies, avoiding publication bias. *PLoS Medicine* 2012; Feb 9(2): e1001177. [IF = **16,269** (JCR 2011)]
- 194\* Martinelli N, **Girelli D**, Cigolini D, Sandri M, Ricci G, Rocca G, and Olivieri O. Access rate to the Emergency Department for venous thromboembolism in relationship with coarse and fine particulate matter air pollution. *PLoS ONE* 2012; 7(4):e34831. [IF = **4,092** (JCR 2011)]
- 193\* Ghoti H, Rachmilewitz EA, Simon-Lopez R, Gaber R, Katzir Z, Konen E, Kushnir T, **Girelli D**, Campostrini N, Fibach E, Goitein O. Evidence for tissue iron overload in long-term hemodialysis patients and the impact of withdrawing parenteral iron. *European Journal of Haematology* 2012 Jul;89(1):87-93 [IF = **2,614** (JCR 2011)]
- 192\* Castagna A, Polati R, Bossi and **Girelli D**. Monocyte/macrophage proteomics: recent findings and biomedical applications. *Expert Reviews in Proteomics* 2012 Apr 9(2):201-15. [IF = **3,685** (JCR 2011)]



- 191\* Friso S, Lotto V, Choi SW, **Girelli D**, Pinotti M, Guarini P, Udali S, Pattini P, Pizzolo F, Martinelli N, Corrocher R, Bernardi F, Olivieri O. Promoter methylation in coagulation F7 gene influences plasma FVII concentrations and relates to coronary artery disease. *Journal of Medical Genetics* 2012;49:192-9. [IF = 6,365 (JCR 2011)]
- 190\* Martinelli N, Micaglio R, Consoli L, Guarini P, Grison E, Pizzolo F, Friso S, Trabetti E, Pignatti PF, Corrocher R, Olivieri O, and **Girelli D**. Low levels of serum Paraoxonase activities are characteristic of metabolic syndrome and may influence the metabolic-syndrome-related risk of coronary artery disease. *Experimental Diabetes Research* 2012;2012:231502. [IF = 1,2 (JCR 2011)]
- 189\* The IBC 500K CAD Consortium (Butterworth AS, Braund PS, ... **Girelli D**, ..., Wallace C). Large-scale gene-centric analysis identifies novel variants for coronary artery disease. *PLoS Genetics* 2011 Sep;7(9):e1002260. [IF = 9,543 (JCR 2010)]
- 188\* Strawbridge RJ, Dupuis J, ..., **Girelli D**, ..., Florez JC. Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. *Diabetes* 2011; 60:2624-34. [IF = 8,889 (JCR 2010)]
- 187\* Nai A, Pagani A, Silvestri L, Campostrini N, Corbella M, **Girelli D**, Traglia M, Toniolo D and Camaschella C. *TMPRSS6* rs855791 modulates hepcidin transcription in vitro and serum hepcidin levels in normal individuals. *Blood* 2011;118(16):4459-62.
- 186\*\* Santini V, **Girelli D**, Sanna A, Martinelli N, Duca L, Campostrini N, Cortelezzi A, Corbella M, Bosi A, Reda G, Olivieri O, and Cappellini MD. Hepcidin Levels and Their Determinants in Different Types of Myelodysplastic Syndromes. *PLoS ONE* 2011; 6(8): e23109. doi: 10.1371/journal.pone.0023109 [IF = 4,411 (JCR 2010)]
- 185\* Traglia M, **Girelli D**, Biino G, Campostrini N, Corbella M, Sala C, Masciullo C, Viganò F, Buetti I, Pistis G, Cocca M, Camaschella C, and Toniolo D. The association of *HFE* and *TMPRSS6* genetic variants to iron and erythrocyte parameters is only in part dependent from serum hepcidin levels. *Journal of Medical Genetics* 2011; 48(9):629-34.
- 184\* Pizzolo F, Blom HJ, Choi SW, **Girelli D**, Guarini P, Martinelli N, MD, Stanzial AM, Corrocher R, Olivieri O, MD, and Friso S. Folic acid effects on S-adenosylmethionine, S-adenosylhomocysteine and DNA methylation in patients with intermediate hyperhomocysteinemia. *Journal of the American College of Nutrition* 2011; 30(1):11-8. IF (JCR-2009)=2.362
- 183\* Iacobucci I, Sazzini M, Garagnani P, Ferrari A, Boattini A, Lonetti A, Papayannidis C, Mantovani V, Marasco E, Ottaviani E, Soverini S, **Girelli D**, Luiselli D, Vignetti M, Baccarani M, Martinelli G. A polymorphism in the chromosome 9p21 ANRIL locus is associated to Philadelphia positive acute lymphoblastic leukemia. *Leukemia Research* 2011;35(8):1052-9. IF (JCR-2009)=2.359
- 182\* Martinelli N, Carleo P, **Girelli D**, Olivieri O. An unusual heart failure: cardiac amyloidosis due to light-chain myeloma. *Circulation* 2011; 123(18):e583-4.
- 181\* **Girelli D**, Trombini P, Busti F, Campostrini N, Sandri M, Pelucchi S, Westerman M, Ganz T, Nemeth E, Piperno A, and Camaschella C. A time course of hepcidin response to iron challenge in *HFE* and *TfR2* Haemochromatosis patients. *Haematologica* 2010; 96(4):500-6.
- 180\* Schunkert H, König IR, Kathiresan S, Reilly MP, Assimes TL, Holm H, Preuss M, Stewart AFR, Barbalic M, Gieger C, Absher D, Aherrahrou Z, Allayee H, Altshuler D, Anand SA, Andersen K, Anderson JL, Ardissino A, Ball SG, Balmforth AJ, Barnes TA, Becker DM, Becker LC, Berger K, Bis JC, Boekholdt SM, Boerwinkle E, Braund PS, Brown MJ, Burnett MS, Buyschaert I, Cardiogenics, Carlquist JF, Chen L, Codd V, Davies RW, Dedoussis G, Dehghan A, Demissie S, Devaney JM, Do R, Doering A, El Mokhtari NE, Ellis SG, Elosua R, Engert JC, Epstein SE, Eifert S, de Faire U, Fischer M, Folsom AR, Freyer J, Gigante B, **Girelli D**, Gretarsdottir S, Gudnason V, Gulcher JR, Gulde S, Halperin E, Hammond N, Hazen SL, Hofman A, Horne BD, Illig T, Iribarren C, Jones GT, Jukema JW, Kaiser MA, Kaplan LM, Kastelein JJP, Khaw KT, Knowles JW, Kolovou G, Kong A, Laaksonen R, Lambrechts D, Leander K, Lettre G, Li M, Lieb W, Linsel-Nitschke P, Loley C, Lotery AJ, Mannucci PM, Maouche S, Martinelli N, McKeown PP, Meisinger C, Meitinger T, Melander O,

Merlini PA, Mooser V, Morgan T, Mühleisen TW, Cichon S, Muhlestein JB, Münzel T, Musunuru K, Nahrstaedt J, Nelson CP, Nöthen MM, Olivieri O, Peyvandi F, Patel RS, Patterson CC, Peters A, Qu L, Quyyumi AA, Rader DJ, Rallidis LS, Rice C, Rosendaal FR, Rubin D, Salomaa V, Sampietro ML, Sandhu MS, Schadt E, Schäfer A, Schillert A, Schreiber S, Schrezenmeir J, Schwartz SM, Siscovick DS, Sivananthan M, Sivapalaratnam S, Smith A, Smith TB, Snoep JD, Soranzo N, Spertus JA, Stark K, Stirrups K, Stoll M, Tang WHW, Thorgeirsson G, Thorleifsson G, Tomaszewski M, Uitterlinden AG, van Rij AM, Voight BF, Wareham NJ, Wells GA, Wichmann HE, Wild PS, Willenborg C, Wittteman JCM, Wright BJ, Ye S, Zeller T, Ziegler A, Cambien F, Goodall AH, Cupples LA, Quertermous T, März W, Hengstenberg C, Blankenberg S, Ouwehand WH, Hall AS, Deloukas P, Thompson JR, Stefansson K, Roberts R, Thorsteinsdottir U, O'Donnell CJ, McPherson R, Erdmann J, Samani NJ, for the CARDIoGRAM Consortium. Thirteen novel genetic loci affecting risk of coronary artery disease. *Nature Genetics* 2011; 43(4):333-8.

- 179\* Castiglioni E, Finazzi D, Goldwurm S, Pezzoli G, Forni G, **Girelli D**, Maccarinelli F, Poli M, Ferrari M, Cremonesi L, Arosio P. Analysis of nucleotide variations in genes of iron management in patients of Parkinson's disease and other movement disorders. *Parkinson's Disease* 2011:827693
- 178\* Reilly MP, Li M, He J, Ferguson JF, Stylianou IM, Mehta NN, Burnett MS, Devaney JM, Knouff CW, Thompson JR, Horne BD, Stewart AFR, Assimes TL, Wild PS, Allayee H, Linsel Nitschke P, Patel RS, †Myocardial Infarction Genetics Consortium, †Wellcome Trust Case Control Consortium, Martinelli N, **Girelli D**, Quyyumi AA, Anderson JL, Erdmann J, Hall HS, Schunkert H, Quertermous T, Blankenberg S, Hazen SL, Roberts R, Kathiresan S, Samani NJ, Epstein SE, Rader DJ. *ADAMTS7* is a novel locus for coronary atherosclerosis whereas *ABO* is associated with myocardial infarction in the presence of coronary atherosclerosis: Results of genome wide association studies. *Lancet* 2011; 377(9763):383-92.
- 177\* Poli M, **Girelli D**, Campostrini N, Maccarinelli F, Finazzi D, Lusciati S, Nai A, Arosio P. Heparin: a potent inhibitor of hepcidin expression in vitro and in vivo. *Blood* 2011; 117:997-1004.
- 176\* Assimes TL, Hólm H, Kathiresan S, Reilly MP, Thorleifsson G, Voight BF, Erdmann J, Willenborg C, Vaidya D, Xie C, Patterson CC, Morgan TM, Burnett MS, Li M, Hlatky MA, Knowles JW, Thompson JR, Absher D, Iribarren C, Go A, Fortmann SP, Sidney S, Risch N, Tang H, Myers RM, Berger K, Stoll M, Shah SH, Thorgeirsson G, Andersen K, Havulinna AS, Herrera JE, Faraday N, Kim Y, Kral BG, Mathias RA, Ruczinski I, Suktitipat B, Wilson AF, Yanek LR, Becker LC, Linsel-Nitschke P, Lieb W, König IR, Hengstenberg C, Fischer M, Stark K, Reinhard W, Winogradow J, Grassl M, Grosshennig A, Preuss M, Schreiber S, Wichmann HE, Meisinger C, Yee J, Friedlander Y, Do R, Meigs JB, Williams G, Nathan DM, Macrae CA, Qu L, Wilensky RL, Matthai WH Jr, Qasim AN, Hakonarson H, Pichard AD, Kent KM, Satler L, Lindsay JM, Waksman R, Knouff CW, Waterworth DM, Walker MC, Mooser VE, Marrugat J, Lucas G, Subirana I, Sala J, Ramos R, Martinelli N, Olivieri O, Trabetti E, Malerba G, Pignatti PF, Guiducci C, Mirel D, Parkin M, Hirschhorn JN, Asselta R, Duga S, Musunuru K, Daly MJ, Purcell S, Eifert S, Braund PS, Wright BJ, Balmforth AJ, Ball SG; Myocardial Infarction Genetics Consortium; Wellcome Trust Case Control Consortium, Cardiogenics, Ouwehand WH, Deloukas P, Scholz M, Cambien F, Hüge A, Scheffold T, Salomaa V, **Girelli D**, Granger CB, Peltonen L, McKeown PP, Altshuler D, Melander O, Devaney JM, Epstein SE, Rader DJ, Elosua R, Engert JC, Anand SS, Hall AS, Ziegler A, O'Donnell CJ, Spertus JA, Siscovick D, Schwartz SM, Becker D, Thorsteinsdottir U, Stefansson K, Schunkert H, Samani NJ, Quertermous T. Lack of Association Between the Trp719Arg Polymorphism in Kinesin-Like Protein-6 and Coronary Artery Disease in 19 Case-Control Studies. *Journal of the American College of Cardiology* 2010; 56:1552-63.
- 175\* Martinelli N, **Girelli D**, Lunghi B, Pinotti M, Marchetti G, Malerba G, Pignatti PF, Corrocher R, Olivieri O, Bernardi F. Polymorphisms at LDLR locus may be associated with coronary artery disease through modulation of coagulation factor VIII activity and independently from lipid profile. *Blood* 2010; 116: 5688-97.
- 174\* Gretarsdottir S, Baas AF, Thorleifsson G, Holm H, den Heijer M, de Vries JPPM, Kranendonk SE, Zeebregts CJAM, van Sterkenburg SM, Geelkerken RH, van Rij AM, Williams MJA, Boll APM, Kostic JP, Jonasdottir A, Jonasdottir A, Bragi Walters G, Masson G, Sulem P, Saemundsdottir J, Mouy M, Magnusson KP, Tromp G, Elmore JR, Sakalihan N, Limet R, Defraigne JO, Ferrell RE, Ronkainen A, Ruigrok YM, Wijmenga C, Grobbee DE, Shah SH, Granger CB, Quyyumi AA, Vaccarino V, Patel RS, Zafari AM, Levey AI, Austin H, **Girelli D**, Pignatti PF, Olivieri O, Martinelli N, Malerba G, Trabetti

- E, Becker LC, Becker DM, Reilly MP, Rader DJ, Mueller T, Dieplinger B, Haltmayer M, Urbonavicius S, Lindblad B, Gottsäter A, Gaetani E, Pola R, Wells P, Rodger M, Forgie M, Langlois N, Corral J, Vicente V, Fontcuberta J, España F, Grarup N, Jørgensen T, Witte DR, Hansen T, Pedersen O, Aben KK, de Graaf J, Holewijn S, Folkersen L, Franco-Cereceda A, Eriksson P, Collier DA, Stefansson H, Steinthorsdottir V, Rafnar T, Valdimarsson EM, Magnadottir HB, Sveinbjornsdottir S, Olafsson I, Magnusson MK, Palmason R, Haraldsdottir V, Andersen K, Onundarson PT, Thorgeirsson G, Kiemeny LA, Powell JT, Carey DJ, Kuivaniemi H, Lindholt JS, Jones GT, Kong A, Blankensteijn JD, Matthiasson SE, Thorsteinsdottir U & Stefansson K. Genome-wide association study identifies a sequence variant within the *DAB2IP* gene conferring susceptibility to abdominal aortic aneurysm. **Nature Genetics** 2010; 42:692-7.
- 173 Castiglioni E, Finazzi D, Goldwurm S, Levi S, Pezzoli G, Garavaglia B, Nardocci N, Malcovati L, Della Porta MG, Gallì A, Forni GL, **Girelli D**, Maccarinelli F, Poli M, Ferrari M, Cremonesi L, Arosio P. Sequence variations in mitochondrial ferritin: distribution in healthy controls and different types of patients. **Genetic Testing and Molecular Biomarkers** 2010; 14:793-6
- 172\* Tessitore N, **Girelli D**, Campostrini N, Bedogna V, Solero GP, Castagna A, Melilli E, Mantovani W, De Matteis G, Olivieri O, Poli A and Lupo A. Hpcidin is not useful as a biomarker for iron needs in haemodialysis patients on maintenance erythropoiesis-stimulating agents. **Nephrology Dialysis Transplantation** 2010; 25:3996-4002. IF (JCR-2009)=3.306
- 171\* Triglyceride Coronary Disease Genetics Consortium and Emerging Risk Factors Collaboration. Braund PS, Hall AS, Samani NJ, Thompson J, März W, Ouwehand W, Sivapalaratnam S, Soranzo N, Trip M, Lawlor DA, Casas JP, Ebrahim S, Arsenault BJ, Boekholdt SM, Khaw KT, Ricketts SL, Sandhu MS, Wareham NJ, Grallert H, Illig T, Humphries SE, Talmud T, Rader DJ, He J, Reilly MP, Clarke R, Hamsten A, Hopewell JC, Watkins H, Saleheen D, Frossard P, Deloukas P, Danesh J, Ye S, Simpson IA, Onat A, Kömürçü-Bayrak E, Martinelli N, Olivieri O, **Girelli D**, Hingorani AD, Kivimäki M, Kumari M, Aouizerat BE, Baum L, Campos H, Chaaba R, Chen BS, Cho EY, Evans D, Hill J, Hsu LA, Hubacek JA, Lai CQ, Lee JH, Klos K, Liu H, Masana L, Melegh B, Nabika T, Ribalta J, Ruiz-Narvaez E, Thomas GN, Tomlinson B, Szalai C, Vaverkova H, Yamada Y, Yang Y, Tipping RW, Ford CE, Pressel SL, Ballantyne C, Brautbar A, Knuiman M, Whincup PH, Wannamethee SG, Morris RW, Kiechl S, Willeit J, Santer P, Mayr A, Wald N, Ebrahim S, Lawlor DA, Yarnell JW, Gallacher J, Casiglia E, Tikhonoff V, Cushman M, Psaty BM, Tracy RP, Tybjaerg-Hansen A, Nordestgaard BG, Benn M, Frikke-Schmidt R, Giampaoli S, Palmieri L, Panico S, Vanuzzo D, Pilotto L, de la Cámara AG, Gómez-Gerique JA, Simons L, McCallum J, Friedlander Y, Fowkes FG, Lee AJ, Taylor J, Guralnik JM, Phillips CL, Wallace R, Guralnik JM, Phillips CL, Blazer DG, Guralnik JM, Phillips CL, Guralnik JM, Phillips CL, Khaw KT, Brenner H, Raum E, Müller H, Rothenbacher D, Jansson JH, Wennberg P, Nissinen A, Donfrancesco C, Giampaoli S, Salomaa V, Harald K, Jousilahti P, Vartiainen E, D'Agostino RB, Vasan RS, Pencina MJ, Bladbjerg EM, Jørgensen T, Møller L, Jespersen J, Dankner R, Chetrit A, Lubin F, Björkelund C, Lissner L, Bengtsson C, Cremer P, Nagel D, Rodriguez B, Dekker JM, Nijpels G, Stehouwer CD, Sato S, Iso H, Kitamura A, Noda H, Salonen JT, Nyyssönen K, Tuomainen TP, Voutilainen S, Meade TW, Cooper JA, Kuller LH, Grandits G, Gillum R, Mussolino M, Rimm E, Hankinson S, Manson JA, Pai JK, Cooper JA, Bauer KA, Sato S, Kitamura A, Naito Y, Iso H, Amouyel P, Arveiler D, Evans A, Ferrières J, Schulte H, Assmann G, Packard CJ, Sattar N, Westendorp RG, Buckley BM, Cantin B, Lamarche B, Després JP, Dagenais GR, Barrett-Connor E, Wingard DL, Bettencourt R, Gudnason V, Aspelund T, Sigurdsson G, Thorsson B, Trevisan M, Tunstall-Pedoe H, Tavendale R, Lowe GD, Woodward M, Howard BV, Zhang Y, Best L, Umans J, Ben-Shlomo Y, Davey-Smith G, Onat A, Njølstad I, Mathiesen EB, Løchen ML, Wilsgaard T, Ingelsson E, Lind L, Giedraitis V, Michaëlsson K, Brunner E, Shiple M, Ridker P, Buring J, Shepherd J, Cobbe SM, Ford I, Robertson M, Ibañez AM, Feskens EJ, Kromhout D, Walker M, Watson S, Collins R, Di Angelantonio E, Kaptoge S, Perry PL, Sarwar N, Thompson A, Thompson SG, Walker M, Watson S, White IR, Wood AM, Danesh J. Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. **Lancet** 2010; 375: 1634-9.
- 170\* Castiglioni E, Soriani N, **Girelli D**, Camaschella C, Spiga I, Della Porta MG, Ferrari M, Cremonesi L. High Resolution Melting for the identification of mutations in the iron responsive element of ferritin light chain gene. **Clinical Chemistry and Laboratory Medicine** 2010; 48:1415-8.
- 169\* De Falco L, Totaro F, Nai A, Pagani A, **Girelli D**, Silvestri L, Piscopo C, Campostrini N, Dufour C, Manjomi FAL, Minkov M, Van Vuurden DG, Feliu A, Kattamis A, Camaschella C, and Iolascon A. Novel TMPRSS6 Mutations Associated with Ironrefractory Iron Deficiency Anemia (IRIDA). **Human Mutation** 2010; 31:E1390-405.
- 168\* Campostrini N, Castagna A, Zaninotto F, Bedogna V, Tessitore N, Poli A, Martinelli N, Lupo A, Olivieri O, and **Girelli D**. Evaluation of hepcidin isoforms in hemodialysis patients by a proteomic approach based on SELDI-TOF-MS. **Journal of Biomedicine and Biotechnology** 2010; 2010:329646. Epub 2010 Apr 15.
- 167\* Recalcati S, Locati M, Marini A, Santambrogio P, Zaninotto F, De Pizzol M, Zammataro L, **Girelli D**, and Cairo G. Differential regulation of iron homeostasis during human macrophage polarized activation. **European Journal of Immunology** 2010; 40:824-35. IF (JCR-2009)=5.179

- 166\* Olivieri O, Martinelli N, **Girelli D**, Pizzolo F, Friso S, Beltrame F, Lotto V, Annarumma A, and Corrocher R. Apolipoprotein C-III predicts cardiovascular mortality in severe coronary artery disease and is associated with an enhanced plasma thrombin generation. **Journal of Thrombosis and Haemostasis** 2010; 8:463-71. IF (JCR-2009)=6.069
- 165\* **Girelli D**, Peyvandi F, Martinelli N, Olivieri O. Genetic architecture of coronary artery disease in the genome-wide era: implications for the emerging “golden dozen” of loci. **Seminars in Thrombosis and Haemostasis** 2009; 35: 671-82.
- 164\* Pasquali A, Trabetti E, Romanelli MG, Galavotti R, Martinelli N, **Girelli D**, Gambaro G, Olivieri O, Pignatti PF. Detection of a large deletion in the P-selectin (SELP) gene. **Molecular & Cellular Probes** [Epub ahead of print Dec 4, 2009] 2010; 24:161-5
- 163 **Girelli D**, Zaninotto F, Corrocher R. La genetica delle malattie aterotrombotiche. La cardiopatia ischemica. **Internal and Emergency Medicine** 2009; 4: S11-S17.
- 162\* Castagna A, Campostrini N, Zaninotto F, and **Girelli D**. Hecpidin assay in serum by SELDI-TOF-MS and other approaches. **Journal of Proteomics** 2010; 73:527-36. [Epub ahead of print Aug 12, 2009]. IF (JCR-2009)=3.851
- 161\* Kroot JJC, Kemna EHJM, Bansal SS, Busbridge M, Campostrini N, **Girelli D**, Hider RC, Koliaraki V, Mamalaki A, Olbina G, Tomosugi N, Tselepis C, Ward DG, Ganz T<sup>6</sup>, Hendriks JCM, Swinkels DW. Results of the first international round robin for the quantification of urinary and plasma hepcidin assays: need for standardization. **Haematologica** 2009; 94:1748-52.
- 160\* **Girelli D**, Pasino M, Goodnough JB, Nemeth E, Guido M, Castagna A, Busti F, Campostrini N, Zaninotto F, Martinelli N, Vantini I, Corrocher R, Ganz T, Fattovich G. Reduced serum hepcidin levels in patients with chronic hepatitis C. **Journal of Hepatology** 2009; 51:845-52.
- 159\* Valenti L, **Girelli D**, Valenti GF, Castagna A, Como G, Campostrini N, Rametta R, Dongiovanni P, Messa P, Fargion S. HFE mutations modulate the effect of iron stores and inflammation on serum hepcidin-25 in chronic hemodialysis patients. **Clinical Journal of the American Society of Nephrology** 2009; 4:1331-7.
- 158\*° Martinelli N, Olivieri O, Shen GQ, Trabetti E, Pizzolo F, Busti F, Friso S, Bassi A, Li L, Hu Y, Pignatti PF, Corrocher R, Wang QK, and **Girelli D**. Additive effect of LRP8/APOER2 R952Q variant to APOE epsilon2/epsilon3/epsilon4 genotype in modulating apolipoprotein E concentration and the risk of myocardial infarction: a case-control study. **BMC Medical Genetics** 2009; 10:41 (May 13, 2009)
- 157\* Robach P, Recalcati S, **Girelli D**, Gelfi C, Aachmann NJ, Thomsen JJ, Norgaard AM, Alberghini A, Campostrini N, Castagna A, Viganò A, Santambrogio P, Kempf T, Wollert KC, Moutereau S, Lundby C, and Cairo G. Alterations of systemic and muscle iron metabolism in human subjects treated with low dose recombinant erythropoietin. **Blood** 2009; 113:6707-15.
- 156\* Guella I, Rimoldi V, Asselta R, Ardissino D, Francolini M, Martinelli N, **Girelli D**, Peyvandi F, Tubaro M, Merlini PA, Mannucci PM, and Duga S. Association and Functional Analyses of MEF2A as a Susceptibility Gene for Premature Myocardial Infarction and Coronary Artery Disease. **Circulation: Cardiovascular Genetics** 2009; 2:165-172.
- 155\* Martinelli N, **Girelli D**, Olivieri O, Guarini P, Bassi A, Trabetti E, Friso S, Pizzolo F, Bozzini C, Tenuti I, Annarumma L, Schiavon R, Pignatti PF, Corrocher R. Novel serum paraoxonase activity assays are associated with coronary artery disease. **Clinical Chemistry and Laboratory Medicine** 2009; 47:432-40.
- 154\* Polati R, Castagna A, Bossi A, Campostrini N, Zaninotto F, Timperio AM, Zolla L, Olivieri O, Corrocher R and **Girelli D**. High resolution preparation of monocyte-derived macrophages (MDM) protein fractions for clinical proteomics. **Proteome Science** 2009, Feb 19, 7:4 doi:10.1186/1477-5956-7-4
- 153\* Gudbjartsson DF, Bjornsdottir US, Halapi E, Helgadóttir A, Sulem P, Jonsdóttir GM, Thorleifsson G, Helgadóttir H, Steinthorsdóttir V, Stefansson H, Williams C, Hu J, Beilby J, Warrington NM, James A, Palmer LJ, Koppelman GH, Heinzmann A, Krueger M, Boezen HM, Wheatly A, Altmüller J, Doo Shin

H, Uh ST, Cheong HS, Jonsdottir B, Gislason D, Park CS, Rasmussen LM, Porsbjerg C, Hansen JW, Backer V, Werge T, Janson C, Jönsson UB, Ng MCY, Chan J, So WY, Ma R, Shah SH, Granger CB, Quyyumi AA, Levey AI, Vaccarino V, Reilly MP, Rader DJ, Williams MJA, van Rij AM, Jones GT, Trabetti E, Malerba G, Pignatti PF, Boner A, Pescollderung L, **Girelli D**, Olivieri O, Martinelli N, Ludviksson BR, Ludviksdottir D, Eyjolfsson GI, Arnar D, Thorgeirsson G, Deichmann K, Thompson PJ, Wjst M, Hall IP, Postma DS, Gislason T, Gulcher J, Kong A, Jonsdottir I, Thorsteinsdottir U, Stefansson K. Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. **Nature Genetics** 2009; 41:342-7.

- 152\* The Myocardial Infarction Genetics Consortium (Manuscript preparation: Kathiresan S, Voight BF, Purcell S, Musunuru K, Ardissino D, Mannucci PM, Anand S, Engert JC, Samani NJ, Schunkert H, Erdmann J, Reilly MP, Rader DJ, Morgan T, Spertus T, Stoll M, **Girelli D**, McKeown PP, Patterson CC, Siscovick D, O'Donnell CJ, Elosua R, Peltonen L, Salomaa V, Schwartz SM, Melander O, Altshuler D). Genome-wide association of early-onset myocardial infarction with common single nucleotide polymorphisms, common copy number variants, and rare copy number variants. **Nature Genetics** 2009; 41:334-41.
- 151\* Piperno A, Mariani R, Trombini P, **Girelli D**. Hepcidin modulation in human diseases: From research to clinic. **World Journal of Gastroenterology** 2009; 15:538-81.
- 150\* Forni GL, **Girelli D**, Lamagna M, Mori M, Marinaro E, Campostrini N, Carrara P, Maffei M. Acquired iron overload associated with antitransferrin monoclonal immunoglobulin: a case report. **American Journal of Hematology** 2008; 83:932-4.
- 149\* Ganz T, Olbina G, **Girelli D**, Nemeth E, and Westerman M. Immunoassay for human serum hepcidin. **Blood** 2008;112:4292-7.
- 148° **Girelli D**, and Martinelli N. Genetic Scoring and Cardiovascular Risk. Building a Cathedral. Online publication on <http://www.athero.org/commentaries/comm768.asp> (home page of the International Atherosclerosis Society), June 2008.
- 147\* Martinelli N, **Girelli D**, Malerba G, Guarini P, Illig T, Trabetti E, Sabdri M, Friso S, Pizzolo F, Schaeffer L, Heinrich J, Pignatti PF, Corrocher R, and Olivieri O. FADS genotypes and desaturase activity estimated by arachidonic to linoleic acid ratio are associated with inflammation and coronary artery disease. **American Journal of Clinical Nutrition** 2008; 88:941-9.
- 146\* Thompson A, Di Angelantonio E, Sarwar N, Erqou S, Saleheen D, Dullaart RPF, Keavney B, Ye Z, Danesh J<sup>#</sup>. Association of cholesteryl ester transfer protein genotypes with CETP mass and activity, lipid levels, and coronary risk. **JAMA** 2008;299: 2777-2788. <sup>#</sup>inclusione nella lista degli "additional contributors".
- 145\* Swinkels DW, **Girelli D**, Laarakkers C, Kroot J, Campostrini N, Kemna EHJM, Tjalsma H. Advances in quantitative hepcidin measurements by Time-of-Flight Mass Spectrometry. **PLoS ONE** 2008; 3(7): e2706.
- 144\*° **Girelli D**, De Domenico I, Bozzini C, Campostrini N, Busti F, Castagna A, Soriani N, Cremonesi L, Ferrari M, Colombari R, McVey Ward D, Kaplan J, Corrocher R. Clinical, pathological, and molecular correlates in Ferroportin Disease. A study of two novel mutations. **Journal of Hepatology** 2008;49:664-671.
- 143\* Malerba G, Schaeffer L, Xumerle L, Klopp N, Trabetti E, Biscuola M, Cavallari U, Galavotti R, Martinelli N, **Girelli D**, Olivieri O, Corrocher R, Heinrich J, Pignatti PF, Illig T. Association of the FADS gene cluster with polyunsaturated fatty acids in serum and erythrocytes. **Lipids** 2008; 43:289-299.
- 142\*° Martinelli N, Trabetti E, Pinotti M, Olivieri O, Sandri M, Friso S, Pizzolo F, Bozzini C, Caruso PP, Cavallari U, Cheng S, Pignatti PF, Bernardi F, Corrocher R, and **Girelli D**. Combined effect of hemostatic gene polymorphisms and the risk of myocardial infarction in patients with advanced coronary atherosclerosis. **PLoS ONE** 2008 Feb 6;3(2):e1523.
- 141\* Olivieri O, Martinelli N, Bassi A, Trabetti E, **Girelli D**, Pizzolo F, Friso S, Pignatti PF, Corrocher R. ApoE  $\epsilon$ 2/ $\epsilon$ 3/ $\epsilon$ 4 polymorphism, ApoC-III/ApoE ratio and metabolic syndrome. **Clinical and Experimental Medicine** 2007;7:164-72.

- 140\*° Shen GQ, Rao S, Martinelli N, Li L, Olivieri O, Corrocher R, Abdullah KG, Hazen SL, Smith J, Barnard J, Plow EF, **Girelli D**, Wang QK. Association between four SNPs on chromosome 9p21 and myocardial infarction is replicated in an Italian population. *Journal of Human Genetics* 2008;53(2):144-50.
- 139\*° Bozzini C, Campostrini N, Trombini P, Nemeth E, Castagna A, Tenuti I, Corrocher R, Camaschella C, Ganz T, Olivieri O, Piperno A, and **Girelli D**. Measurement of urinary hepcidin levels by SELDI-TOF-MS in HFE-Hemochromatosis. *Blood Cells, Molecules and Disease* 2008;40:347-52.
- 138\* Cavallari U, Trabetti E, Malerba G, Biscuola M, **Girelli D**, Olivieri O, Martinelli N, Angiolillo DJ, Corrocher R, and Pignatti PF. Gene sequence variations of the platelet P2Y12 receptor are associated with coronary artery disease. *BMC Medical Genetics* 2007; Sep5, 8:59.
- 137\* Piperno A, **Girelli D**, Nemeth E, Trombini P, Bozzini C, Poggiali E, Phung Y, Ganz T, Camaschella C. Blunted hepcidin response to oral iron challenge in HFE-hemochromatosis. *Blood* 2007; 110:4096-100.
- 136\* Shen GQ, Li L, **Girelli D**, Seidemann SB, Rao S, Fan C, Park JE, Xi Q, Li J, Hu Y, Olivieri O, Marchant K, Barnard J, Corrocher R, Elston R, Cassano J, Henderson S, Hazen SL, Plow EF, Topol EJ, and Wang QK. An LRP8 Variant Is Associated with Familial and Premature CAD and MI. *American Journal of Human Genetics* 2007; 81:780-91.
- 135\*° **Girelli D**, Martinelli N, Trabetti E, Olivieri O, Cavallari U, Malerba G, Busti F, Friso S, Pizzolo F, Pignatti PF, and Corrocher R. ALOX5AP Gene Variants and Risk of Coronary Artery Disease. An Angiography-Based Study. *European Journal of Human Genetics* 2007; 15: 959-66.
- 134\* Pizzolo F, **Girelli D**, Friso S, Pavan C, Martinelli N, Guarini P, Faccini G, Corrocher R and Olivieri O. Altered renal folate handling in hypertensive patients with nephroangiosclerotic damage. *Journal of Human Hypertension* 2007;21:327-9.
- 133\*° **Girelli D**, Martinelli N, Olivieri O, Pizzolo F, Friso S, Faccini G, Bozzini C, Tenuti I, Lotto V, Villa G, Guarini P, Trabetti E, Pignatti PF, Mazzucco A, Corrocher R. Hyperhomocysteinemia and mortality after coronary artery bypass grafting. *PLoS ONE* 2006 Dec 20;1:e83.
- 132\* Martinelli N, **Girelli D**, Ferraresi P, Olivieri O, Lunghi B, Manzato F, Corrocher R, and Bernardi F. Increased factor VIII coagulant activity levels in male carriers of the factor V R2 polymorphism. *Blood Coagulation & Fibrinolysis* 2007; 18:125-9.
- 131\*° Pavan C, Parisi A, **Girelli D**. Recurrent needle-tract metastases of hepatocellular carcinoma following fine-needle aspiration. *Internal Medicine Journal* 2007; 37:134-6.
- 130\* Pizzolo F, Friso S, Olivieri O, Martinelli N, Bozzini C, Guarini P, Trabetti E, Faccini G, Corrocher R, and **Girelli D**. Homocysteine, traditional risk factors and impaired renal function in coronary artery disease. *European Journal of Clinical Investigation* 2006; 36:698-704.
- 129\* Franchini M, **Girelli D**, Olivieri O, Castaman G, Lippi G, Poli G, Salvagno GI, Tagariello G, Giuffrida A, De Gironcoli M, Morfini M, Berntorp E, Gandini G. Tyr2105Cys mutation in exon 22 of FVIII gene is a risk factor for the development of inhibitors in patients with mild/moderate haemophilia A. *Haemophilia* 2006; 12:448-451.
- 128\*° Martinelli N, Olivieri O, Corrocher R, **Girelli D**. Infective endocarditis with lung and systemic embolization in an injection drug user. *European Heart Journal* 2006; 27: 2938.
- 127\* Trabetti E, Biscuola M, Cavallari U, Malerba G, Pasquali A, **Girelli D**, Olivieri O, Martinelli N, Corrocher R, Pignatti PF. Reply to Novelli [letter]. *European Journal of Human Genetics* 2006 May 17.
- 126\* Martinelli N, Trabetti E, Bassi A, **Girelli D**, Friso S, Pizzolo F, Sandri M, Malerba G, Pignatti PF, Corrocher R, Olivieri O. The -1131 T>C and S19W APOA5 gene polymorphisms are associated with high levels of triglycerides and apolipoprotein C-III, but not with coronary artery disease: an angiographic study. *Atherosclerosis* 2007; 191:409-17.

- 125\* Trabetti E, Biscuola M, Cavallari U, Malerba G, **Girelli D**, Olivieri O, Martinelli N, Corrocher R, Pignatti PF. On the association of the oxidised LDL receptor 1 (OLR1) gene in patients with acute myocardial infarction or coronary artery disease. **European Journal of Human Genetics** 2006; 14:127-30.
- 124\* Pizzolo F, Pavan C, Guarini P, Trabetti E, **Girelli D**, Corrocher R, Olivieri O. Primary hyperaldosteronism: a frequent cause of residual hypertension after successful endovascular treatment of renal artery disease. **Journal of Hypertension** 2005; 23:2041-7.
- 123\* Friso S, **Girelli D**, Martinelli N, Olivieri O, Corrocher R. Low plasma PLP and cardiovascular risk in women: results from the CORA study. [letter] **American Journal of Clinical Nutrition** 2005; 81:725-728.
- 122\* Martinelli N, **Girelli D**, Olivieri O, Cavallari U, Biscuola M, Trabetti E, Friso S, Pizzolo F, Tenuti I, Bozzini C, Villa G, Ceradini B, Sandri M, Cheng S, Grow ME, Pignatti PF, Corrocher R. Interaction between metabolic syndrome and PON 1 polymorphism as a determinant of the risk of coronary artery disease. **Clinical and Experimental Medicine** 2005; 5:20-30.
- 121\* Friso S, **Girelli D**, Trabetti E, Olivieri O, Guarini P, Pignatti PF, Corrocher R, Choi SW. The MTHFR 1298A>C polymorphism and genomic DNA methylation in human lymphocyte. **Cancer Epidemiology Biomarkers & Prevention** 2005; 14:938-943.
- 120\*° Bozzini C, **Girelli D**, Olivieri O, Martinelli N, Bassi A, De Matteis G, Tenuti I, Lotto V, Friso S, Pizzolo F, Corrocher R. Prevalence of body iron excess in the metabolic syndrome. **Diabetes Care** 2005, 28:2061-3.
- 119\* Franchini M, **Girelli D**, Olivieri O, Bozzini C, Guiotto M, Zardini G, Lippi G, Manzato F, Gandini G. Clinical heterogeneity of acquired hemophilia A: a description of 4 cases. **Haematologica**. 2005 Mar; 90(3):ECR16.
- 118\* Lunghi B, Scanavini D, **Girelli D**, Legnani C, Bernardi F. Does factor V Asp79His (409 G/C) polymorphism influence factor V and APC resistance levels? [letter] **Journal of Thrombosis and Haemostasis** 2005; 3:415-6.
- 117\* Olivieri O, Martinelli N, Sandri M, Bassi A, Guarini P, Trabetti E, Pizzolo F, **Girelli D**, Friso S, Pignatti PF, Corrocher R. Apolipoprotein C-III, n-3 Polyunsaturated Fatty Acids, and "Insulin-Resistant" T-455C APOC3 Gene Polymorphism in Heart Disease Patients: Example of Gene-Diet Interaction. **Clinical Chemistry** 2005; 51:360-367.
- 116\* Biasiotto G, Roetto A, Daraio F, Polotti A, Gerardi GM, **Girelli D**, Cremonesi L, Arosio P, Camaschella C. Identification of new mutations on hepcidin and hemojuvelin in patients with HFE C282Y allele. **Blood Cells, Molecules and Disease** 2004; 33:338-43.
- 115\* Bozzini C, **Girelli D**, Bernardi F, Ferraresi P, Olivieri O, Pinotti M, Martinelli N, Manzato F, Friso S, Villa G, Pizzolo F, Beltrame F, Corrocher R. Influence of Polymorphisms in the Factor VII Gene Promoter on Factor VII Circulating Levels and on the Risk of Myocardial Infarction in Advanced Coronary Atherosclerosis. **Thrombosis and Haemostasis** 2004; 92:541-9.
- 114\*° Simeoni S, **Girelli D**, Lino M, Olivieri O, Corrocher R. Recovery of renal function after 3 months of dialysis in a patient with atherosclerotic renovascular disease following aortoiliac bypass and left renal artery reimplantation. **European Journal of Vascular and Endovascular Surgery** 2004; 28:562-4.
- 113\* Friso S, **Girelli D**, Martinelli N, Olivieri O, Lotto V, Bozzini C, Pizzolo F, Faccini G, Beltrame F, Corrocher R. Low plasma vitamin B<sub>6</sub> levels and modulation of coronary artery disease. **American Journal of Clinical Nutrition** 2004, 79:992-8.
- 112\* Martinelli N, **Girelli D**, Olivieri O, Stranieri C, Trabetti E, Pizzolo F, Friso S, Tenuti I, Cheng S, Grow MA, Pignatti PF, Corrocher R. Interaction between smoking and PON2 Ser<sub>311</sub>Cys polymorphism as a determinant of the risk of myocardial infarction. **European Journal of Clinical Investigation** 2004; 34:14-20.

- 111\* Castoldi E, Brugge JM, Nicolaes GAF, **Girelli D**, Tans G, Rosing J. Impaired APC-cofactor activity of factor V plays a major role in the APC resistance associated with the factor V Leiden (R506Q) and R2 (H1299R) mutations. *Blood* 2004; 103:4173-4179.
- 110\* Pizzolo F, Mansueto G, Minniti S, Mazzi M, Trabetti E, **Girelli D**, Corrocher R, Olivieri O. Renovascular disease: effect of ACE gene deletion polymorphism and endovascular revascularization. *Journal of Vascular Surgery* 2004;39:140-7.
- 109\* Scanavini D, **Girelli D**, Lunghi B, Martinelli N, Legnani C, Pinotti M, Palareti G, and Bernardi F. Modulation of Factor V levels in plasma by polymorphisms in the C2 domain. *Arteriosclerosis Thrombosis and Vascular Biology* 2004; 24:200-206.
- 108\* Bason C, Corrocher R, Lunardi C, Puccetti P, Olivieri O, **Girelli D**, Navone R, Beri R, Millo E, Margonato A, Martinelli N, Puccetti A. Interaction of antibodies against cytomegalovirus with heat-shock protein 60 in pathogenesis of atherosclerosis. *Lancet* 2003; 362:1971-7.
- 107\* Olivieri O, Bassi A, Stranieri C, Trabetti E, Martinelli N, Pizzolo F, **Girelli D**, Friso S, Pignatti PF, Corrocher R. Apolipoprotein C-III, metabolic syndrome and risk of coronary artery disease. *Journal of Lipid Research* 2003; 44:2374-81.
- 106\* Cremonesi L, Cozzi A, **Girelli D**, Ferrari F, Fermo I, Foglieni B, Levi S, Bozzini C, Camparini M, Ferrari M, Arosio P. Case report: a subject with a mutation in the ATG start codon of L-ferritin has no hematological or neurological symptoms. *Journal of Medical Genetics* 2004 Jun;41(6):e81.
- 105 Corrocher R, **Girelli D**. Emoglobinuria parossistica notturna. Trattato di Medicina Interna. Crepaldi G e Baritusso A, Editori. Volume II, pag. 2995-2999.
- 104 **Girelli D**, Corrocher R. Anemie emolitiche enzimopeniche. Trattato di Medicina Interna. Crepaldi G e Baritusso A, Editori. Volume II, pag. 2991-2995.
- 103\* Roetto A, Papanikolaou G, Politou M, Alberti F, **Girelli D**, Christakis J, Loukopoulos D, Camaschella C. Mutant antimicrobial peptide hepcidin is associated with severe juvenile hemochromatosis. *Nature Genetics* 2003;33:21-2.
- 102\*° Bozzini C, Galbiati S, Tinazzi E, Aldigeri R, De Matteis G, **Girelli D**. Prevalence of hereditary hyperferritinemia-cataract syndrome in blood donors and patients with cataract. *Haematologica* 2003;88:219-20.
- 101\*° **Girelli D**, Martinelli N, Pizzolo F, Friso S, Olivieri O, Stranieri C, Trabetti E, Faccini G, Tinazzi E, Pignatti PF, Corrocher R. The interaction between MTHFR 677 C→T genotype and folate status is a determinant of coronary atherosclerosis risk. *Journal of Nutrition* 2003;133:1281-1285.
- 100\* Klerk M, Verhoef P, Clarke R, Blom HJ, Kok FJ, Schouten EG, and the MTHFR Studies Collaboration Group#. MTHFR 677CT polymorphism and risk of coronary heart disease. A meta-analysis. *JAMA* 2002; 288:2023-2031.  
#studio multicentrico internazionale coinvolgente 40 gruppi di ricerca.
- 99\* Olivieri O, Stranieri C, Bassi A, Zaia B, **Girelli D**, Pizzolo F, Trabetti E, Cheng S, Grow MA, Pignatti PF, and Corrocher R. ApoC-III gene polymorphisms and risk of coronary artery disease. *Journal of Lipid Research* 2002;43:1450-7.
- 98\* Friso S, **Girelli D**, Trabetti E, Stranieri C, Olivieri O, Tinazzi E, Martinelli N, Faccini G, Pignatti PF, and Corrocher R. A1298C methylenetetrahydrofolate reductase mutation and coronary artery disease: relationships with C677T polymorphism and homocysteine/folate metabolism. *Clinical and Experimental Medicine* 2002;2:7-12.
- 97 **Girelli D**, Corrocher R. Polymorphisms in the Factor VII gene and the risk of myocardial infarction. In: Harrison's Advances in Cardiology. Braunwald E, Editor. McGraw-Hill, New York, 2002. Section III (Acute coronary syndromes/MI), Chapter 18, pages 106-112.
- 96\* Friso S, Choi SW, **Girelli D**, Mason JB, Dolnikowski GG, Bagley PJ, Olivieri O, Jacques PF, Rosenberg IH, Corrocher R, and Selhub J. A common mutation in the 5, 10-



methylenetetrahydrofolate reductase gene affects genomic DNA methylation through an interaction with folate status. **Proceedings of the National Academy of Sciences USA** 2002; 99:5606-5611.

- 95\* Olivieri O, Grazioli S, Trabetti E, Friso S, **Girelli D**, Pizzolo F, Faccini G, Russo C, Stranieri C, Pignatti PF, and Corrocher R. Homocysteine and atheromatous renal artery stenosis. **Clinical and Experimental Medicine** 2001; 4:211-8.
- 94\* De Gobbi M, Roetto A, Piperno A, Mariani R, Alberti F, Papanikolaou G, Politou M, Lockitch G, **Girelli D**, Fargion S, Cox TM, Gasparini P, Cazzola M, Camaschella C. Natural history of juvenile haemochromatosis. **British Journal of Haematology** 2002; 117:973-979.
- 93\*° **Girelli D**, Bozzini C, Roetto A, Alberti F, Daraio F, Colombari R, Olivieri O, Corrocher R, Camaschella C. Clinical and Pathological Findings in Hemochromatosis Type 3 Due to a Novel Mutation in Transferrin Receptor 2 Gene. **Gastroenterology** 2002; 122:1295-1302.
- 92\*° Bozzini C, **Girelli D**, Tinazzi E, Olivieri O, Stranieri C, Bassi A, Trabetti E, Faccini G, Pignatti PF, Corrocher R. Biochemical and genetic markers of iron status and the risk of coronary artery disease: an angiography-based study. **Clinical Chemistry** 2002; 48:622-628.
- 91\* Beaumont C and **Girelli D**. Hereditary Hyperferritinaemia Cataract Syndrome. In: Molecular and Cellular Iron Transport. Templeton, Editor. Marcel Dekker, Inc., New York, 2002. Chapter 31, pages 761-774.
- 90\*° **Girelli D**, Bozzini C, Zecchina G, Tinazzi E, Bosio S, Piperno A, Ramenghi U, Peters J, Levi S, Camaschella C and Corrocher R. Clinical, biochemical, and molecular findings in a series of families with hereditary hyperferritinaemia-cataract syndrome. **British Journal of Haematology** 2001; 115:334-340.
- 89\* Olivieri O, Grazioli S, Pizzolo F, Stranieri C, Trabetti E, Beltrame F, **Girelli D**, Pignatti PF, and Corrocher R. Different impact of deletion polymorphism of ace gene on the risk of renal and coronary artery disease. **Journal of Hypertension** 2002; 20:37-43.
- 88\*° Pizzolo F, **Girelli D**, Olivieri O. Extensive life-threatening thrombosis in a patient with heparin-induced thrombocytopenia and factor V leiden mutation. **Haematologica** 2001; 86:1008.
- 87\* Franchini M, Gandini G, **Girelli D**, Lippi G, de Gironcoli M, Aprili G. Association of phlebotomy and subcutaneous injection of deferoxamine for the treatment of anemic patients with iron overload. **Haematologica** 2001; 86:873-4.
- 86 **Girelli D**, Martinelli N. Iperomocisteinemia e rischio di morte nel diabetico. **L'informazione Cardiologica** 2001; 21:16-17.
- 85\* Russo C, **Girelli D**, Olivieri O, Guarini P, Manzato F, Pizzolo F, Zaia B, Mazzucco A, Corrocher R. The G20210A prothrombin gene polymorphism and prothrombin activity in subjects with or without angiographically documented coronary artery disease. **Circulation** 2001; 103: 2436-2440.
- 84 **Girelli D**, Corrocher R. Polymorphisms in the Factor VII gene and the risk of myocardial infarction. Editorial Related to Chapter 243 (Acute myocardial infarction). In: **Harrison's Principles of Internal Medicine online**. Braunwald E, Fauci AS, Isselbacher KJ, Kasper DL, Hauser SL, Longo DL, Jameson JL, Editors. Mc Graw-Hill. 2001. <http://www.harrisonsonline.com/>
- 83 **Girelli D**, Olivieri O, Corrocher R. Genetic markers of hemostatic factors. In: **Cardiovascular Genetics for Clinicians**. Doevendans PA and Wilde AAM, Editors. Kluwer Academic Publishers, Dordrecht, The Netherlands, 2001, pages 71-87.
- 82 **Girelli D**, Martinelli N. Fattori di rischio di natura genetica nella cardiopatia ischemica. **Recenti Progressi in Medicina** 2001;92:283-285.
- 81\*° **Girelli D**, Bernardi F, Corrocher R. Polymorphisms in the Factor VII gene and the risk of myocardial infarction in patients with coronary artery disease [letter]. **New England Journal of Medicine** 2001; 344:458-459.

- 80\* Olivieri O, Stranieri C, **Girelli D**, Pizzolo F, Grazioli S, Russo C, Pignatti PF, Corrocher R. Homozygosity for Angiotensinogen 235T variant increases the risk of myocardial infarction in patients with multi-vessel coronary artery disease. *Journal of Hypertension* 2001; 19:879-884.
- 79\* Hoekema L, Castoldi E, Tans G, **Girelli D**, Gemmati D, Bernardi F, Rosing J. Functional properties of factor V and factor Va encoded by the R2-gene. *Thrombosis and Haemostasis* 2001; 85:75-81.
- 78\*° **Girelli D**, Russo C, Ferraresi P, Olivieri O, Pinotti M, Friso S, Manzato F, Mazzucco A, Bernardi F, Corrocher R. Polymorphisms in the Factor VII gene and the risk of myocardial infarction in patients with coronary artery disease. *New England Journal of Medicine* 2000; 343:774-80.
- 77\* Piperno A, Mariani R, Arosio C, Vergani A, Bosio S, Fargion S, Sampietro M, **Girelli D**, Fraquelli M, Conte D, Fiorelli G, Camaschella C. Haemochromatosis in patients with  $\beta$ -thalassaemia trait. *British Journal of Haematology* 2000; 111:908-914.
- 76\* Caramaschi P, Biasi D, Carletto A, Friso S, **Girelli D**, Arcaro G, Bambara LM. Three cases of Buerger's disease associated with hyperhomocysteinemia [letter]. *Clinical and Experimental Rheumatology* 2000; 18:264-5.
- 75\* Castoldi E, Simioni P, Kalafatis M, Lunghi B, Tormene D, **Girelli D**, Girolami A, Bernardi F. Combinations of four mutations (FV R506Q, FV H1299R, FV Y1702C, PT 20210G/A) affecting the prothrombinase complex in a thrombophilic family. *Blood* 2000; 96:1443-1448.
- 74 Puce R, Porcaro AB, Curti R, **Girelli D**, Pantalena M, Malossini G and Tallarigo C. Treatment of retroperitoneal fibrosis with tamoxifen: case report and review of literature. *Archivos Españoles de Urologia* 2000, 53: 184-190.
- 73\* Pinotti M, Toso R, **Girelli D**, Bindini D, Ferraresi P, Papa ML, Corrocher R, Marchetti G, Bernardi F. Modulation of factor VIIa levels by intron 7 polymorphisms: population and in vitro studies. *Blood* 2000, 95: 95: 3423-3428.
- 72\* Castoldi E, Rosing J, **Girelli D**, Hoekema L, Lunghi B, Mingozi F, Ferraresi P, Friso S, Corrocher R, Tans G, Bernardi F. Mutations in the R2 FV gene affect the ratio between the two FV isoforms in plasma. *Thrombosis and Haemostasis* 2000; 83:362-5.
- 71\* Olivieri O, Trabetti E, Grazioli S, Stranieri C, Friso S, **Girelli D**, Russo C, Pignatti PF, Mansueto GC and Corrocher R. Genetic Polymorphisms of the Renin-Angiotensin System and Atheromatous Renal Artery Stenosis. *Hypertension* 1999; 34: 1097-1100.

---

Limite controllo catalogo della ricerca 17-09-09

- 70\* Lombardi S, **Girelli D**, Corrocher R. Severe multisystemic hypersensitivity reaction to carbamazepine including dyserythropoietic anemia. *Annals of Pharmacotherapy* 1999; 33:571-5.
- 69\*° **Girelli D**, Olivieri O, Russo C, Corrocher R. Is the oral methionine loading test insensitive to the remethylation pathway of homocysteine ? [letter]. *Blood* 1999 93: 1118-1120.
- 68\* Russo C, Olivieri O, **Girelli D**, Faccini G, Zenari ML, Lombardi S, Corrocher R. Antioxidant status and lipid peroxidation in patients with essential hypertension. *Journal of Hypertension* 1998; 16: 1267-1271.
- 67\* Olivieri O, Lombardi S, Russo C, **Girelli D**, Guarini P, Carletto A and Corrocher R. Neutrophil arachidonic acid level and adhesive capability are increased in essential hypertension. *Journal of Hypertension* 1998; 16: 585-592.
- 66\*° **Girelli D**, Friso S, Trabetti E, Olivieri O, Russo C, Pessotto R, Faccini G, Pignatti PF, Mazzucco A and Corrocher R. Methylene tetrahydrofolate reductase C677T mutation, plasma homocysteine and folate, in subjects from Northern Italy with or without angiographically documented severe coronary atherosclerotic disease. Evidence for an important genetic-environmental interaction. *Blood* 1998, 91: 4158-4163.

- 65\* Levi S, **Girelli D**, Perrone F, Pasti M, Beaumont C, Corrocher R, Albertini A and Arosio P. Analysis of ferritins in lymphoblastoid cells lines and in the lens of subjects with hereditary hyperferritinemia-cataract syndrome. *Blood* 1998, 91: 4180-4187.
- 64\* Piperno A, Sampietro M, Pietrangelo A, Arosio C, Lupica L, Montosi G, Vergani A, Fraquelli M, **Girelli D**, Pasquero P, Roetto A, Gasparini P, Fargion S, Conte D, Camaschella C. Evidence of heterogeneity of hemochromatosis in Italy. *Gastroenterology* 1998; 114: 996-1002.
- 63\* Camaschella C, Roetto A, Ciciliano M, Pasquero P, Bosio S, Gubetta L, Di Vito F, **Girelli D**, Totaro A, Carella M, Grifa A, and Gasparini P. Juvenile and adult hemochromatosis are distinct genetic disorders. *European Journal of Human Genetics* 1997; 5: 371-375.
- 62 **Girelli D**, Gasparini P, Corrocher R. Alterata regolazione della sintesi di ferritina: la mutazione Verona. *Giornale Italiano di Nutrizione Clinica e Metabolismo* 1997.
- 61\* Camaschella C, Roetto A, Sbaiz L, Gasparini P, Totaro A, **Girelli D**, Fortina P, Rappaport E, S. Fargion and Piperno A. Molecular pathogenesis of hemochromatosis. In: *Molecular Biology of Hematopoiesis 5*. Abraham et al. Eds. Plenum Press, New York 1996; 667-670.
- 60\*° **Girelli D**, Corrocher R, Bisceglia L, Olivieri O, Zelante L, Panozzo G and Gasparini P. Hereditary hyperferritinemia-cataract syndrome caused by a 29 bp deletion in the iron responsive element of ferritin L-subunit gene. *Blood* 1997; 90: 2084-2088.
- 59\* Carella M, D'Ambrosio L, Totaro A, Grifa A, Valentino MA, Piperno A, **Girelli D**, Roetto A, Franco B, Gasparini P, and Camaschella C. Mutation analysis of HLA-H gene in Italian hemochromatosis patients. *American Journal of Human Genetics* 1997; 60: 828-832.
- 58\* Russo C, Olivieri O, **Girelli D**, Guarini P, Pasqualini R, Azzini M and Corrocher R. Increased membrane ratios of metabolite to precursor fatty acid in essential hypertension. *Hypertension* 1997; 29: 1058-1063.
- 57\* Piperno A, Arosio C, Fargion S, Roetto A, Nicoli C, **Girelli D**, Sbaiz L, Gasparini P, Boari G, Sampietro M and Camaschella C. The ancestral hemochromatosis haplotype is associated with a severe phenotype expression in Italian patients. *Hepatology* 1996; 24: 43-46.
- 56 De Sandre G e **Girelli D**. Emoglobinuria parossistica notturna. *Enciclopedia Medica Italiana*. Aggiornamento II, Tomo I, pag. 1844-1849, USES - Firenze, 1998.
- 55 **Girelli D**, Piccoli PL, Corrocher R. La "sindrome iperferritinemia-cataratta". Descrizione di una nuova malattia, dall'anamnesi alla diagnostica molecolare. *Minerva Medica* 1997;88:405-410.
- 54 Falezza GC, **Girelli D**, De Sandre G. Anemie emolitiche usualmente normocromiche e normocitiche da lesioni intrinseche agli eritrociti. In: L.A. Scuro: "Medicina Interna. Fisiopatologia e Clinica". Vol. 1, pagg. 344-376. UTET Editore - Corso Raffaelli 28, Torino, 1997.
- 53\* Olivieri O, Friso S, Manzato F, Grazioli S, Bernardi F, Lunghi B, **Girelli D**, Azzini M, Brocco G, Russo C and Corrocher R. Resistance to activated protein C, associated with oral contraceptives use. Effects of formulations, duration of assumption and doses of oestro-progestins. *Contraception* 1996; 54: 149-152.
- 52\* Russo C, Olivieri O, **Girelli D**, Azzini M, Guarini P, Stanzial AM, Friso S, Pasqualini R and Corrocher R. Impaired zinc and copper status and altered fatty acid cell membrane composition in essential hypertension. In: *Therapeutic Uses of Trace Elements*. Neve J, Chappuis P and Lamand Eds. Plenum Press, New York 1996; 207-211.
- 51\*° **Girelli D**, Olivieri O, Bassi A, Azzini M, Friso S, Russo C, Lombardi S and Corrocher R. Relationships between serum copper concentration and cardiovascular risk factors in normal subjects. In: *Therapeutic Uses of Trace Elements*. Neve J, Chappuis P and Lamand Eds. Plenum Press, New York 1996; 385-389.
- 50\* Russo C, Olivieri O, **Girelli D**, Guarini P and Corrocher R. Relationships between serum uric acid and lipids in healthy subjects. *Preventive Medicine* 1996; 25: 611-616.

- 49\*° **Girelli D**, Olivieri O, Gasparini P Corrocher R. Molecular basis for the hereditary hyperferritinemia-cataract syndrome. [letter]. *Blood* 1996; 87: 4912-4913.
- 48\* Olivieri O, **Girelli D**, Stanzial AM, Rossi L, Bassi A and Corrocher R. Selenium, zinc and thyroid hormones in healthy subjects. Low T3/T4 ratio in the elderly is related to impaired selenium status. *Biological Trace Element Research* 1996; 51: 31-41.
- 47\*° **Girelli D**, Olivieri O, Arigliano P L, Guarini P, Bassi A and Corrocher R. Influences of lipid and nonlipid nutritional parameters on factor VII coagulant activity in normal subjects: the Nove Study. *European Journal of Clinical Investigation* 1996; 26: 199-204.
- 46\* Russo C, Olivieri O, **Girelli D**, Azzini M, Stanzial AM, Guarini P, Friso S, De Franceschi L and Corrocher R. Omega-3 supplementation and ambulatory blood pressure monitoring parameters in mild essential hypertensive patients. *Journal of Hypertension* 1995; 13: 1823-1826.
- 45\* Olivieri O, **Girelli D**, Azzini M, Stanzial AM, Russo C, Ferroni M, and Corrocher R. Low selenium status in the elderly influences thyroid hormones. *Clinical Science* 1995; 89: 637-642.
- 44\*° **Girelli D**, Corrocher R, Bisceglia L, Olivieri O, De Franceschi L, Zelante L and Gasparini P. Molecular basis for the recently described hereditary hyperferritinemia-cataract syndrome: a mutation in the iron responsive element of ferritin L-subunit gene (the "Verona mutation"). *Blood* 1995; 86: 4050-4053.
- 43\* Olivieri O, Friso S, Manzato F, Guella A, Bernardi F, Lunghi B, **Girelli D**, Azzini M, Brocco G, Russo C and Corrocher R. Resistance to activated protein C in healthy women taking oral contraceptives. *British Journal of Haematology* 1995; 91: 465-470.
- 42 Casaril M, Stanzial AM, Menini C, Olivieri O, **Girelli D**, Corso F, Gandini G, Pinto F, Corrocher R. Serum selenium in a healthy population in the Venetian region: relationships with age, sex, weight and alcohol intake. *European Journal of Laboratory Medicine* 1995; 3: 35-39.
- 41 Pacor ML, Biasi D, **Girelli D**, Zeminian S, Lunardi C. Topical levocabastine versus orally administered loratadine in seasonal allergic rhinitis. *Giornale Italiano di Allergologia e Immunologia Clinica* 1995; 5: 137-141.
- 40\* **Girelli D**, Olivieri O, De Franceschi L, Corrocher R, Bergamaschi G, Cazzola M. A linkage between hereditary hyperferritinemia not related to iron overload and autosomal dominant congenital cataract. *British Journal of Haematology* 1995; 90: 931-934.
- 39\* Olivieri O, **Girelli D**, Corrocher R. Selenium status in aging [letter]. *American Journal of Clinical Nutrition* 1995; 61: 1173-4.
- 38\* De Franceschi L, Olivieri O, **Girelli D**, Lupo A, Bernich P and Corrocher R. Red blood cell cation transports in uraemic anemia: evidence for an increased K/Cl cotransport activity. Effects of dialysis and erythropoietin treatment. *European Journal of Clinical Investigation* 1995; 25: 762-768.
- 37\*° Azzini M, **Girelli D**, Olivieri O, Guarini P, Stanzial AM, Frigo A, Milanino R, Bambara LM and Corrocher R. Fatty acids and antioxidant micronutrients in psoriatic arthritis. *Journal of Rheumatology* 1995; 22: 103-108.
- 36 Pacor ML, Biasi D, **Girelli D**, Lunardi C. Efficacia dell'immunoterapia locale nella oculorinite allergica da graminacee *Giornale Italiano di Allergologia e Immunologia Clinica* 1994; 4: 199-204.
- 35\* Olivieri O, Stanzial AM, **Girelli D**, Trevisan MT, Guarini P, Terzi M, Caffi S, Fontana F, Casaril M, Ferrari S, Corrocher R. Selenium status, fatty acids, vitamins A and E and aging: the Nove study. *American Journal of Clinical Nutrition* 1994; 60: 510-517.
- 34\* Pacor ML, Biasi D, Lunardi C, Cortina P, Caramaschi P, **Girelli D**, Botto M, Urbani G, Lombardo G, Bambara LM. Cyclosporin in Behçet's disease: result in 16 patients after 24 months of therapy. *Clinical Rheumatology* 1994; 13: 224-227.

- 33\* **Girelli D**, Olivieri O, Stanzial AM, Guarini P, Trevisan MT, Bassi A and Corrocher R. Factors affecting the thiobarbituric acid test as index of red blood cell susceptibility to lipid peroxidation: a multivariate analysis. *Clinica Chimica Acta*. 1994; 227: 45-57.
- 32\* Olivieri O, De Franceschi L, Cappellini MD, **Girelli D**, Corrocher R and Brugnara C. Oxidative damage and erythrocyte membrane transport abnormalities in thalassemias. *Blood* 1994; 84:315-320.
- 31\* Russo C, Olivieri O, **Girelli D**, Stanzial AM, Azzini M and Corrocher R. Differences in body mass index and smoking habit between untreated essential hypertensive patients with or without altered blood pressure circadian rhythm. *Journal of Hypertension* 1993; 11 (suppl 5):S298-S299.
- 30\* Olivieri O, De Franceschi L, De Gironcoli M, **Girelli D** and Corrocher R. Potassium loss and cellular dehydration of stored erythrocytes following incubation in autologous plasma: role of the KCl cotransport system. *Vox Sanguinis* 1993; 65:95-102.
- 29 Pacor ML, Biasi D, **Girelli D**, Cortina P, Corrocher R. Efficacia della loratadina versus placebo nella sindrome orticaria-angioedema in pazienti affetti da intolleranza alimentare. *La Clinica Terapeutica* 1993; 142:529-532.
- 28\* **Girelli D**, Olivieri O, Stanzial AM, Azzini M, Lupo A, Bernich P, Menini C, Gammara L and Corrocher R. Low platelet glutathione peroxidase and serum selenium in chronic renal failure: relations to dialysis treatments, diet and cardiovascular complications. *Clinical Science* 1993; 84:611-617.
- 27\* Gasparini P, Borgato L, Piperno A, **Girelli D**, Olivieri O, Gottardi E, Roetto A, Dianzani I, Fargion S, Schinaia G, Cappellini MD, Gandini G, Pignatti PF, Fiorelli G, De Sandre G, Camaschella C. Linkage analysis of 6p21 polymorphic markers and the hereditary hemochromatosis: localization of the gene centromeric to HLA-F. *Human Molecular Genetics* 1993; 2:571-576.
- 26\* Olivieri O, Bonollo M, Friso S, **Girelli D**, Corrocher R and Vettore L. Activation of KCl cotransport in human erythrocytes exposed to oxidative agents. *Biochimica Biophysica Acta* 1993; 1176:37-42.
- 25 Olivieri O, **Girelli D**, Russo C, Nardelli E, Corrocher R. Delayed multiorgan non-neoplastic damage after exposure to radiotherapy in infancy. *European Journal of Medicine* 1993; 2:58-59.
- 24\* **Girelli D**, Azzini M, Olivieri O, Guarini P, Trevisan MT, Lupo A, Bernich P, Panzetta G and Corrocher R. Red blood cells and platelet membrane fatty acids in nondialyzed and dialyzed uremics. *Clinica Chimica Acta*. 1992; 211:155-166.
- 23\* Falezza GC, **Girelli D**, Olivieri O, Gandini G, Corrocher R and De Sandre G. Thrombotic thrombocytopenic purpura developed during ticlopidine therapy [letter]. *Haematologica* 1992; 77:524-525.
- 22\* Corrocher R, Pagnan A, Ambrosio GB, Ferrari S, Olivieri O, Guarini P, Bassi A, Piccolo D, Gandini A and **Girelli D**. Effects induced by olive oil-rich diet on erythrocytes membrane lipids and sodium-potassium transports in postmenopausal hypertensive women. *Journal of Endocrinological Investigation* 1992; 15:369-376.
- 21\* Olivieri O, **Girelli D**, Vettore L, Balercia GC and Corrocher R. A case of congenital dyserythropoietic anaemia with stomatocytosis, reduced bands 7 and 8 and normal cation content. *British Journal of Haematology* 1992; 80:258-260.
- 20\* **Girelli D**, Lupo A, Trevisan MT, Olivieri O, Bernich P, Zorzan P, Bassi A, Stanzial AM, Ferrari S and Corrocher R. Red blood cells membrane fatty acids, antioxidant enzymes and susceptibility to lipid peroxidation in Continuous Ambulatory Peritoneal Dialysis (CAPD) patients. *Peritoneal Dialysis International* 1992; 12:205-210.
- 19 Olivieri O, **Girelli D**, Corrocher R. I trasporti ionici eritrocitari: un modello fisiologico "universale". Riflessi sulla patogenesi dell'ipertensione. *Recenti Progressi in Medicina* 1991; 82:490-494.
- 18 Panzetta G, Olivieri O, **Girelli D**, Bassi A, Zorzan P, Trevisan MT, Gandini AR, Guarini P, Gammara L, Ortalda V, Ferrari S e Corrocher R. Effetti dell'olio di pesce sulla composizione dei lipidi delle

membrane cellulari e sulla suscettibilità alla perossidazione in uremici dializzati. Atti del 32° Congresso Nazionale della Società Italiana di Nefrologia. Bologna 29 maggio - 1 giugno 1991. Monduzzi Editore, Bologna 1991; 1295-1298.

- 17\* Vettore L, De Matteis C, Bonollo E, De Angelis V, Sorrentino F, Trevisan T, Guarini P, **Girelli D**, Olivieri O. La proteolisi endogena eritrocitaria: un nuovo approccio allo studio della fisiopatologia di membrana. *Haematologica* 1991; 76 (Suppl.3): 213-219.
- 16\* **Girelli D**, Olivieri O, Capra F, Corrocher R, De Sandre G. Riduzione dell'emocateresi splenica mediante alte dosi di immunoglobuline e.v. in un caso di sferocitosi ereditaria. *Haematologica* 1991; 76 (Suppl): 225-227.
- 15\* Olivieri O, **Girelli D**, Trevisan MT, Bassi A, Zorzan P, Bambara LM and Corrocher R. Red blood cells susceptibility to lipid peroxidation, membrane lipid composition and antioxidant enzymes in patients with rheumatoid arthritis [letter]. *Journal of Rheumatology* 1991; 18:1263-1264.
- 14 Olivieri O, Bassi A, **Girelli D**, Trevisan MT, Zorzan P, Stanzial AM, Guarini P and Corrocher R. Impaired platelet glutathione peroxidase activity in hyperlipidaemic patients. *European Journal of Internal Medicine* 1991; 2:149-151.
- 13\* Stanzial AM, Bonomi L, Cobbe C, Olivieri O, **Girelli D**, Trevisan MT, Bassi A, Ferrari S and Corrocher R. Erythrocyte and platelet fatty acids in retinitis pigmentosa. *Journal of Endocrinological Investigation* 1991;14:367-373.
- 12 Lupo A, Bernich P, Fabris A, Zanni P, Trevisan MT, Ferrari S, Bassi A, **Girelli D**, Olivieri O, Maschio G. Cell membrane lipid composition in CAPD patients. *Adv Perit Dial* 1990; 6: 230-232.
- 11 Panzetta G, Olivieri O, **Girelli D**, Bassi A, Zorzan P, Trevisan MT, Gammaro L, Ferrari S, Corrocher R. Studio della composizione dei lipidi di membrana nell'uremico: riduzione degli omega 3, aumento dell'acido arachidonico. *Nefrologia Dialisi Trapianto* 1990; 2:1235-1238.
- 10\* De Sandre G, **Girelli D**, Olivieri O. Red blood cell molecular abnormalities in nonhaematological diseases. *Haematologica* 1990; 75:447-53.
- 9\* Schena D, Chierogato GC, de Gironcoli M, **Girelli D**, Olivieri O, Stanzial AM, Corrocher R, Bassi A, Ferrari S, Perazzoli P, Guarini P and Barba A. Increased erythrocyte membrane arachidonate and platelet malondialdehyde (MDA) production in psoriasis: normalization after fish-oil. *Acta Dermatologica Venereologica* (Stockholm) 1989; Suppl.146:42-44.
- 8 Guarini P, **Girelli D**, Bassi A, Olivieri O, Corrocher R. Relationship between hyperlipemia and platelet glutathione peroxidase activity. In "*Atherosclerosis and Cardiovascular Disease*"- vol.4.- GC Descovich et al. eds. Editrice Compositori, Bologna, 1989; 79-83.
- 7 **Girelli D**, Lupo A, Bernich P, Fabris A, Bassi A, Ferrari S, Vincenzi B, Olivieri O, Corrocher R, Maschio G. Studio dei sistemi antiossidanti eritrocitari nei pazienti in CAPD. *Atti del V Convegno Nazionale di Dialisi Peritoneale*, Perugia, 15-17 Ottobre 1989; Wighting Editore, Milano 1989; pp.237-239.
- 6 De Sandre G e **Girelli D**. Emoglobinuria parossistica notturna. *Enciclopedia Medica Italiana*. Aggiornamento 1991, Vol. II. Ed. Scientifiche USES, Firenze 1991; 2568-2572.
- 5\* Olivieri O, Capra F, **Girelli D**, Corrocher R and De Sandre G. Intravenous immunoglobulins as preoperative management in a case of hereditary spherocytosis. *Acta Haematologica* 1989; 82:106-107.
- 4\* Corrocher R, Olivieri O, Loschiavo C, Guarini P, Bassi A, de Gironcoli M, Gandini A, **Girelli D**, Ferrari S. Membrane fatty acids and erythrocyte Li-Na countertransport in nephrotic syndrome and their relationship. *Research in Clinic and Laboratory* 1989;19:149-156.
- 3\* Corrocher R, Guadagnin L, de Gironcoli M, **Girelli D**, Guarini P, Olivieri O, Caffi S, Stanzial AM, Ferrari S and Grigolini L. Membrane fatty acids, glutathione-peroxidase activity, and cation transport systems of erythrocytes and malondialdehyde production by platelets in Laurence Moon Barter Biedl syndrome. *Journal of Endocrinological Investigation* 1989; 12:475-481.

- 2 De Sandre G, Olivieri O, **Girelli D**: Paroxysmal nocturnal haemoglobinuria: recent advances. *Italian Journal of Medicine* 1988; 4:179-183.
- 1\* Olivieri O, **Girelli D**, Bergamo IA, Aprili G, Gandini G, Corrocher R, De Sandre G. Hepatic venous thrombosis in paroxysmal nocturnal haemoglobinuria: usefulness of ultrasonic scanning monitoring. *Haematologica* 1988; 73:393-396.