

PROF. NICOLA MARTINELLI
CURRICULUM VITAE ET STUDIORUM

PERSONAL DATA AND QUALIFICATIONS

- Born in Trento (Italy) at August 13, 1975
- High School leaving certificate awarded after five years of "Liceo Scientifico" at Liceo Scientifico Statale "Galileo Galilei" in Trento (Italy) in the school year 1993/1994 with full marks (60/60).
- **Medical Degree Certificate** at Verona University at July 10, 2000 with a first-class degree (110/110) with honours.
- Qualification to Medical Doctor Activity at Verona University, in the first session of the year 2001.
- Degree Certificate of **Specialist in Internal Medicine** ("Diploma di Specialista in Medicina Interna, indirizzo di Medicina Interna"), at Verona University at November 15, 2005 with a first-class degree (50/50) with honours.
- Degree of **Physician Doctorate (Ph.D.) in Clinical Proteomics** in 2008 at Verona University.
- Since March 1, 2008, **University Researcher in Internal Medicine, Assistant Professor in Internal Medicine**, first at the Department of Clinical and Experimental Medicine of Verona University (2008-2009) and then at the Department of Medicine of Verona University (since 2010).
- Regular teaching activity at the University of Verona (since 2008).
- Regular activity in clinical assistance at the University Hospital of Verona, Department of Internal Medicine – Medicina Interna B (since 2008).
- Supervision of medical students and postgraduated student at the University Hospital of Verona, Department of Internal Medicine – Medicina Interna B (since 2008).
- Since October 1, 2017, **Associate Professor in Internal Medicine** at the Department of Medicine of Verona University.

RESEARCH ACTIVITY AND PUBLICATIONS

- The research activity includes at this time 230 scientific contributions (publications + congress communications), of whom **107 are publications on national and international scientific journals**, the majority of which in high impact International Journals classified by I.S.I. – Life Science, with an **overall IF of about 900 and 9.760 citations with an h-index of 45 by Google Scholar-verified** (<https://scholar.google.com/citations?user=GvFxMyMAAAAJ&hl=en>) and **7.248 citations with an h-index of 39 by Scopus** (at February 24, 2018).
- Manager and chief analyst of “Verona Heart Study”. The most relevant part of research activity and scientific publications concerns cardiovascular disease and atherothrombosis with a specific interest for the genetic basis of ischemic heart disease, as well as for alterations in lipid metabolism and blood coagulation which play a role in cardiovascular pathophysiology.

- Included in the list of **Top Italian Scientists** (<http://www.topitalianscientists.org>)

AWARDS

- Winner of “Young Investigator Award” at the XXII Congress of the International Society on Thrombosis and Haemostasis, July 11-16, 2009, Boston, MA, USA.

TEACHING ACTIVITY

- University of Verona:
 - Degree Course in Medicine and Surgery, Internal Medicine (2010→)
 - Degree Course in Nursing, Internal Medicine (2008→)
 - Course of Internal Medicine at School of Specialization in Urology, Gynecology and Obstetrics, Orthopedy, Neurosurgery (2009→2015), Rehabilitation and Physical Therapy, and Anaesthetics (2010→2015)
 - Doctoral Program (Ph.D.) in Clinical Proteomics and Biomolecular Medicine (2011→)

INVITED SPEAKER

- V Congress of the International Society of Nutrigenetics and Nutrigenomics (ISNN), October 16-18, 2011, Beijing, China, with the lecture “FADS genotypes beyond lipid metabolism: potential link with inflammation pathways and coronary artery disease”.
- XV Congresso Nazionale della Società Italiana di Genetica Umana (SIGU), Sorrento, Italia, November 21-24, 2012, with the lecture “La genetica della cardiopatia ischemica: esperienze di ricerca clinica nel Verona Heart Study”.
- 11° Congresso Nazionale della Società Italiana per la Prevenzione Cardiovascolare (SIPREC), Napoli, Italia, March 14-16, 2013, discussion “Inquinamento atmosferico e malattia cardiovascolare”.
- Attualità in Medicina Interna SIMI Triveneta 2013, Verona, Italia, June 7, 2013, with the lecture “Dagli studi genome-wide alla predizione clinica del rischio cardiovascolare”.
- 4° corso di Genetica Cardiovascolare GeneticArca – Associazioni Regionali Cardiologi Ambulatoriali (ARCA), Venezia, Italia, February 7-8, 2014, with the lecture “Genetica della cardiopatia ischemica”.
- 16° Congresso Nazionale Associazioni Regionali Cardiologi Ambulatoriali (ARCA), Sorrento, May 6-9, 2015, with the lecture “Genomica della coagulazione e rischio di coronaropatia”.
- “Emergenze in Medicina: le microangiopatie trombotiche, riconoscimento e trattamento” Verona, May 15, 2015, with the lecture “Approccio clinico alle microangiopatie trombotiche: quando pensarci”.
- "Microangiopatie trombotiche un'urgenza clinica multidisciplinare" Padova, November 23, 2016, with the lecture “La terapia con eculizumab”.

- “Terapie antitrombotiche nel paziente odontoiatrico”, Verona, May 6, 2017, with the lecture “Gestione della terapia con nuovi anticoagulanti orali nelle procedure odontoiatriche”.
- Attualità in Medicina Interna SIMI Triveneta 2017, Verona, Italia, June 9, 2017, with the lecture “Quando anemia e trombosi coincidono: diagnosi e terapia dell’emoglobinuria parossistica notturna. Tributo a Giorgio De Sandre”

ORAL COMMUNICATIONS AT INTERNATIONAL CONGRESSES (first and presenting author)

- 2003, 37th Congress of the European Society of Clinical Investigation, Verona, Italy
- 2006, 2nd International Conference on Paraoxonases, Hajdúszoboszló, Hungary
- 2007, XXI Congress of International Society of Thrombosis and Haemostasis, Geneva, Switzerland
- 2008, 3rd International Conference on Paraoxonases, Los Angeles, United States of America
- 2009, XXII Congress of International Society of Thrombosis and Haemostasis, Boston, United States of America
- 2010, 78th European Atherosclerosis Society Congress, Hamburg, Germany
- 2010, 21st International Congress on Thrombosis, Milan, Italy
- 2010, 4th International Conference on Paraoxonases, La Pineda, Vilaseca, Spain
- 2011, XXIII Congress of International Society of Thrombosis and Haemostasis, Kyoto, Japan
- 2013, XXIV Congress of International Society of Thrombosis and Haemostasis, Amsterdam, Netherlands
- 2014, 23rd Biennial International Congress on Thrombosis, MLTD Congress, Valencia, Spain.
- 2015, XXV Congress of the International Society on Thrombosis and Haemostasis (ISTH), June 20-25, 2015, Toronto, Canada.
- 2016, Symposium of the International Atherosclerosis Society – Anitschkow Days, June 2-4, 2016, St. Petersburg, Russia.
- 2017, XXVI Congress of the International Society on Thrombosis and Haemostasis (ISTH), July 8-13, 2017, Berlin, Germany.

REVIEWER ACTIVITY

Reviewer activity for several international scientific journals, including: *Science*, *Journal of American College of Cardiology*, *Circulation*, *Blood*, *American Journal of Clinical Nutrition*, *Molecular Biology and Evolution*, *European Journal of Internal Medicine*, *Journal of Investigative Medicine*, *PLoS ONE*, *Redox Report*, *Oncotarget*, *Clinical and Experimental Hypertension*, *BioMed Research International*.

In 2012 and in 2013: Reviewer on behalf of the Italian Ministry of Instruction, University, and Research (MIUR – Ministero dell’Istruzione, dell’Università e della Ricerca) for the evaluation of scientific and research projects (VQR 2004-2010).

Since 2015 included in the Register of Expert Peer Reviewers for Italian Scientific Evaluation (REPRISE) of the Italian Ministry of Instruction, University and Research (MIUR)

In 2016: Reviewer on behalf of the Italian Ministry of Instruction, University, and Research (MIUR – Ministero dell’Istruzione, dell’Università e della Ricerca) for the evaluation of scientific and research projects (VQR 2011-2014)

In 2018: Reviewer on behalf of the Welsh Government’s Sêr Cymru II Programme (research proposal for Sêr Cymru II Precision Medicine Fellowship)

MEMBERSHIP OF SCIENTIFIC SOCIETIES

- Member of International Society on Thrombosis and Haemostasis since 2009.
- Member of COLMED/09 (Collegio dei Docenti Universitari MED09 – Medicina Interna, i.e. Italian College of University professors in Internal Medicine) since 2010.
- Member of the Italian Society of Internal Medicine (SIMI) since 2016.
- Member of European and Mediterranean League Against Thrombotic Diseases (EMLTD) since 2016
- Member of International Society of Nutrigenetics and Nutrigenomics (ISNN) from 2012 to 2013.

RESEARCH PROJECTS

Webpage at University of Verona:

<http://www.dm.univr.it/?ent=persona&id=2928&lang=it#tab-ricerca>

MAIN SCIENTIFIC COLLABORATIONS:

NATIONAL

- Prof. Francesco Bernardi, Dipartimento di Biochimica e Biologia Molecolare, Università di Ferrara: coagulation and ischemic heart disease, genetics of coagulation
- Prof. Stefano Duga e Prof.ssa Rosanna Asselta, Laboratorio di Genetica Medica e Biologia dell’RNA, Università Humanitas, Milano: genetics of coronary artery disease
- Prof.ssa Clara Camaschella, Divisione di Genetica e Biologia Cellulare, Università Vita-Salute San Raffaele, Milano: disorders of iron metabolism
- Prof.ssa Maria Domenica Cappellini, Dipartimento di Scienze Cliniche e di Comunità, Università di Milano: disorders of iron metabolism

- Prof. Maurizio Averna, Dipartimento Biomedico di Medicina Interna e Specialistica, Università di Palermo: genetics of dyslipidemia, dyslipidemia and coronary artery disease
- Prof.ssa Patrizia Maria Tarugi, Dipartimento di Scienze della Vita, Università di Modena e Reggio Emilia: genetics of dyslipidemia, dyslipidemia and coronary artery disease

INTERNATIONAL

- Prof. Sekar Kathiresan, Center for Human Genetic Research at Massachusetts General Hospital, Cardiovascular Disease Initiative at the Broad Institute, Harvard Medical School, Boston, Massachusetts, United States of America: genetics of ischemic heart disease
- Prof. Dan Tawfik, Department of Biological Chemistry, Weizmann Institute of Science, Rehovot, Israel: novel serum paraoxonase assays in ischemic heart disease
- Prof. Jordi Camps, Centre de Recerca Biomedica, Hospital Universitari de Sant Joan, Reus, Catalonia, Spain: paraoxonase activity and iron disorders
- Dr. Riyaz Patel, University College London Hospitals & Barts Heart Centre, London, United Kingdom: genetics of ischemic heart disease
- Participation to the following international consortia for scientific research on ischemic heart disease (in which prof. Nicola Martinelli was the chief analyst for the data of *Verona Heart Study*):
 - Myocardial Infarction Genetics Consortium (**MIGen**)
 - Coronary ARtery Disease Genome wide Replication and Meta-analysis (**CARDIoGRAM**)
 - Genetics of Subsequent Coronary Heart Disease (**GENIUS-CHD**)
<http://www.genius-chd.com/>

PUBLICATIONS

(on international journals reviewed on Life Science-Current Contents)

1. Girelli D, **Martinelli N**. Genetic risk factors in ischemic cardiopathy. *Recenti Progressi in Medicina*. 2001;92(4):283-5.
2. Friso S, Girelli D, Trabetti E, Stranieri C, Olivieri O, Tinazzi E, **Martinelli N**, Faccini G, Pignatti PF, Corrocher R. A1298C methylenetetrahydrofolate reductase mutation and coronary artery disease: relationships with C677T polymorphism and homocysteine/folate metabolism. *Clinical and Experimental Medicine*. 2002;2(1):7-12.
3. Caramaschi P, **Martinelli N**, Biasi D, Carletto A, Faccini G, Volpe A, Ferrari M, Scambi C, Bambara LM. Homocysteine plasma concentration is related to severity of lung impairment in scleroderma. *Journal of Rheumatology*. 2003;30(2):298-304.
4. 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(5):1281-5.
5. Di Lorenzo G, Gangemi S, Merendino RA, Minciullo PL, Cannavo SP, **Martinelli N**, Mansueto P, Rini GB, Corrocher R, Pacor ML. Serum levels of soluble CD30 in adult patients affected by atopic dermatitis and its relation to age, duration of disease and Scoring Atopic Dermatitis index. *Mediators of Inflammation*. 2003;12(2):123-5.
6. Pacor ML, Di Lorenzo G, Lunardi C, **Martinelli N**, Biasi D, Corrocher R. Nickel sulphate, food additives and seronegative arthritis: is there any relationship? *Allergy*. 2003;58(9):958-9.
7. Pacor ML, Di Lorenzo G, **Martinelli N**, Lombardo G, Di Gregoli A, Mansueto P, Rini GB, Corrocher G, Corrocher R. Results of double-blind placebo-controlled challenge with nickel salts in patients affected by recurrent aphthous stomatitis. *International Archives of Allergy and Immunology*. 2003;131(4):296-300.
8. 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(12):2374-81.
9. Scanavini D, Girelli D, Lunghi B, **Martinelli N**, Legnani C, Pinotti M, Palareti G, Bernardi F. Modulation of factor V levels in plasma by polymorphisms in the C2 domain. *Arteriosclerosis Thrombosis and Vascular Biology*. 2004;24(1):200-6.
10. 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(9400):1971-7.
11. Pacor ML, Di Lorenzo G, **Martinelli N**, Mansueto P, Rini GB, Corrocher R. Monosodium benzoate hypersensitivity in subjects with persistent rhinitis. *Allergy*. 2004;59(2):192-7.
12. Caramaschi P, Biasi D, Ferrari M, Volpe A, **Martinelli N**, Carletto A, Dal Forno P, Bambara LM. Long-term evaluation of lung function in patients affected by scleroderma treated with cyclic iloprost infusions. *Rheumatology International*. 2005;25(4):250-4.

13. **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 Ser311Cys polymorphism as a determinant of the risk of myocardial infarction. *European Journal of Clinical Investigation*. 2004;34(1):14-20.
14. Di Lorenzo G, Pacor ML, Pellitteri ME, Morici G, Di Gregoli A, Lo Bianco C, Ditta V, **Martinelli N**, Candore G, Mansueto P, Rini GB, Corrocher R, Caruso C. Randomized placebo-controlled trial comparing fluticasone aqueous nasal spray in mono-therapy, fluticasone plus cetirizine, fluticasone plus montelukast and cetirizine plus montelukast for seasonal allergic rhinitis. *Clinical and Experimental Allergy*. 2004;34(2):259-67.
15. Pacor ML, Di Lorenzo G, **Martinelli N**, Mansueto P, Rini GB, Corrocher R. Comparing tacrolimus ointment and oral cyclosporine in adult patients affected by atopic dermatitis: a randomized study. *Clinical and Experimental Allergy*. 2004;34(4):639-45.
16. Friso S, Girelli D, **Martinelli N**, Olivieri O, Lotto V, Bozzini C, Pizzolo F, Faccini G, Beltrame F, Corrocher R. Low plasma vitamin B-6 concentrations and modulation of coronary artery disease risk. *American Journal of Clinical Nutrition*. 2004;79(6):992-8.
17. 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 activated factor VII levels and on the risk of myocardial infarction in advanced coronary atherosclerosis. *Thrombosis and Haemostasis*. 2004;92(3):541-9.
18. Di Lorenzo G, Pacor ML, Mansueto P, Esposito Pellitteri M, Lo Bianco C, Ditta V, **Martinelli N**, Rini GB. Randomized placebo-controlled trial comparing desloratadine and montelukast in monotherapy and desloratadine plus montelukast in combined therapy for chronic idiopathic urticaria. *The Journal of Allergy and Clinical Immunology*. 2004;114(3):619-25.
19. 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(2):360-7.
20. Caramaschi P, Biasi D, Colombatti M, Pieropan S, **Martinelli N**, Carletto A, Volpe A, Pacor LM, Bambara LM. Anti-TNF α therapy in rheumatoid arthritis and autoimmunity. *Rheumatology International*. 2006;26:209-14.
21. Caramaschi P, Biasi D, Tonolli E, Pieropan S, **Martinelli N**, Carletto A, Volpe A, Bambara LM. Antibodies against cyclic citrullinated peptides in patients affected by rheumatoid arthritis before and after infliximab treatment. *Rheumatology International*. 2005;26:58-62.
22. **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 MA, Pignatti PF, Corrocher R. Interaction between metabolic syndrome and PON1 polymorphisms as a determinant of the risk of coronary artery disease. *Clinical and Experimental Medicine*. 2005;5(1):20-30.
23. 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(8):2061-3.
24. Di Lorenzo G, Pacor ML, Mansueto P, **Martinelli N**, Esposito-Pellitteri M, Lo Bianco C, Ditta V, Leto-Barone MS, Napoli N, Di Fede G, Rini G, Corrocher R. Food-Additive-Induced Urticaria: A Survey of 838 Patients

- with Recurrent Chronic Idiopathic Urticaria. *International Archives of Allergy and Immunology*. 2005;138(3):235-242.
25. 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. *Eur J Hum Genet*. 2006;14:127-30.
 26. Caramaschi P, Biasi D, Canestrini S, **Martinelli N**, Perbellini L, Carletto A, Pieropan S, Volpe A, Bambara LM. Evaluation of finger skin temperature in scleroderma patients cyclically treated with iloprost. *Joint Bone Spine*. 2006;73:57-61.
 27. **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.
 28. **Martinelli N**, Olivieri O, Corrocher R, Girelli D. Infective endocarditis with lung and systemic embolization in an injection drug user. *Eur Heart J*. 2006;27:2938.
 29. Pizzolo F, Friso S, Olivieri O, **Martinelli N**, Bozzini C, Guarini P, Trabetti E, Faccini G, Corrocher R, Girelli D. Homocysteine, traditional risk factors and impaired renal function in coronary artery disease. *Eur J Clin Invest*. 2006;36:698-704.
 30. Corrocher G, Di Lorenzo G, Mansueto P, **Martinelli N**, Esposito-Pellitteri M, Gelio S, Lombardo G, Pacor ML. Comparison of topical tacrolimus 0.1 % in pectin ointment with clobetasol 0.5% ointment in adults with moderate to severe desquamative gingivitis: A 4-week, randomized, double-blind clinical trial. *Clin Ther*. 2006;28:1296-302.
 31. Pacor ML, Di Lorenzo G, **Martinelli N**, Mansueto P, Friso S, Pellitteri ME, Di Fede G, Rini GB, Corrocher R. Tacrolimus ointment in nickel sulphate-induced steroid-resistant allergic contact dermatitis. *Allergy Asthma Proc*. 2006;27:1-5.
 32. Pacor ML, Di Lorenzo G, Mansueto P, **Martinelli N**, Pellitteri ME, Pradella P, Uxa L, Di Fede G, Rini GB, Corrocher R. Relationship between Human Leucocyte Antigen class I and class II and chronic idiopathic urticaria associated with aspirin and/or NSAIDs hypersensitivity. *Mediators of Inflammation*. 2006; Article ID 62489: pages 1-5.
 33. 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.
 34. **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;18:125-129.
 35. Pizzolo F, Girelli D, Friso S, Pavan C, **Martinelli N**, Guarini P, Faccini G, Corrocher R, Olivieri O. Altered renal folate handling in hypertensive patients with nephroangiosclerotic damage. *J Hum Hypertens*. 2007;21:327-9.

36. 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. *Eur J Hum Genet.* 2007 Sep;15(9):959-66.
37. Caramaschi P, Canestrini S, **Martinelli N**, Volpe A, Pieropan S, Ferrari M, Bambara LM, Carletto A, Biasi D. Scleroderma patients nailfold videocapillaroscopic patterns are associated with disease subset and disease severity. *Rheumatology.* 2007;46:1566-9.
38. Cavallari U, Trabetti E, Malerba G, Biscuola M, Girelli D, Olivieri O, **Martinelli N**, Angiolillo DJ, Corrocher R, Pignatti PF. Gene sequence variations of the platelet P2Y12 receptor are associated with coronary artery disease. *BMC Med Genet.* 2007;8:59.
39. Gomez Lira M, Provezza L, Terranova C, **Martinelli N**, Bozzini C, Pignatti PF. Two new highly polymorphic markers in the 3' UTR region of the PLA2G7 gene. *Int J Immunogenet.* 2007;34:465-468.
40. 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. *J Hum Genet.* 2007 Dec 8; 53(2):144-50.
41. Olivieri O, **Martinelli N**, Bassi A, Trabetti E, Girelli D, Pizzolo F, Friso S, Pignatti PF, Corrocher R. ApoE epsilon2/epsilon3/epsilon4 polymorphism, ApoC-III/ApoE ratio and metabolic syndrome. *Clin Exp Med.* 2007;7:164-72.
42. **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, 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.
43. Corrocher G, Di Lorenzo G, **Martinelli N**, Mansueto P, Biasi D, Nocini PF, Lombardo G, Fior A, Corrocher R, Bambara LM, Gelio S, Pacor ML. Comparative effect of tacrolimus 0.1% ointment and clobetasol 0.05% ointment in patients with oral lichen planus. *J Clin Periodontol.* 2008 Mar;35(3):244-9.
44. Malerba G, Schaeffer L, Xumerle L, Klopp N, Trabetti E, Biscuola M, Cavallari U, Galavotti R, **Martinelli N**, Guarini P, Girelli D, Olivieri O, Corrocher R, Heinrich J, Pignatti PF, Illig T. SNPs of the FADS gene cluster are associated with polyunsaturated fatty acids in a cohort of patients with cardiovascular disease. *Lipids.* 2008;43:289-99.
45. **Martinelli N**, Girelli D, Malerba G, Guarini P, Illig T, Trabetti E, Sandri M, Friso S, Pizzolo F, Schaeffer L, Heinrich J, Pignatti PF, Corrocher R, Olivieri O. FADS genotypes and desaturase activity estimated by the ratio of arachidonic acid to linoleic acid are associated with inflammation and coronary artery disease. *Am J Clin Nutr.* 2008 Oct;88(4):941-9.
46. Tinazzi E, Puccetti A, Gerli R, Rigo A, Migliorini P, Simeoni S, Beri R, Dolcino M, **Martinelli N**, Corrocher R, Lunardi C. Serum DNase I, soluble Fas/FasL levels and cell surface Fas expression in patients with SLE: a possible explanation for the lack of efficacy of hrDNase I treatment. *Int Immunol.* 2009;21:237-43.
47. Myocardial Infarction Genetics Consortium*; The complete list of authors is as follows:, 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 JA, Stoll M, Girelli D, McKeown PP, Patterson CC, Siscovick DS, O'Donnell CJ, Elosua R, Peltonen L, Salomaa V, Schwartz SM, Melander O, Altshuler D; Italian

Atherosclerosis, Thrombosis and Vascular Biology Study., Ardissino D, Merlini PA, Berzuini C, Bernardinelli L, Peyvandi F, Tubaro M, Celli P, Ferrario M, Fève R, Marziliano N, Casari G, Galli M, Ribichini F, Rossi M, Bernardi F, Zonin P, Piazza A, Mannucci PM; Heart Attack Risk in Puget Sound., Schwartz SM, Siscovick DS, Yee J, Friedlander Y; Registre Gironi del COR., Elosua R, Marrugat J, Lucas G, Subirana I, Sala J, Ramos R; Massachusetts General Hospital Premature Coronary Artery Disease Study., Kathiresan S, Meigs JB, Williams G, Nathan DM, Macrae CA, O'Donnell CJ; FINRISK., Salomaa V, Havulinna AS, Peltonen L; Malmo Diet and Cancer Study., Melander O, Berglund G; Stage 1 data analysis., Voight BF, Kathiresan S, Hirschhorn JN, Asselta R, Duga S, Spreafico M, Musunuru K, Daly MJ, Purcell S; Copy number variant analysis., Voight BF, Purcell S, Nemesh J, Korn JM, McCarroll SA; Stage 1 phenotype data assembly., Schwartz SM, Yee J, Kathiresan S, Lucas G, Subirana I, Elosua R; Stage 1 genome-wide genotyping., Surti A, Guiducci C, Gianniny L, Mirel D, Parkin M, Burt N, Gabriel SB; Replication studies., Samani NJ, Thompson JR, Braund PS, Wright BJ, Balmforth AJ, Ball SG, Hall AS; Wellcome Trust Case Control Consortium; German MI Family Study I., Schunkert H, Erdmann J, Linsel-Nitschke P, Lieb W, Ziegler A, König IR, Hengstenberg C, Fischer M, Stark K, Grosshennig A, Preuss M, Wichmann HE, Schreiber S; Cardiogenics., Schunkert H, Samani NJ, Erdmann J, Ouwehand W, Hengstenberg C, Deloukas P, Scholz M, Cambien F; Cardiogenics.; PennCATH/MedSTAR., Reilly MP, Li M, Chen Z, Wilensky R, Matthai W, Qasim A, Hakonarson HH, Devaney J, Burnett MS, Pichard AD, Kent KM, Satler L, Lindsay JM, Waksman R, Epstein SE, Rader DJ; Acute Myocardial Infarction Gene Study/Dortmund Health Study., Scheffold T, Berger K, Stoll M, Häge A; Verona Heart Study., Girelli D, **Martinelli** N, Olivieri O, Corrocher R; Mid-America Heart Institute., Morgan T, Spertus JA; Irish Family Study., McKeown PP, Patterson CC; German MI Family Study II., Schunkert H, Erdmann J, Linsel-Nitschke P, Lieb W, Ziegler A, König IR, Hengstenberg C, Fischer M, Stark K, Grosshennig A, Preuss M, Wichmann HE, Schreiber S; deCODE Study., Hólm H, Thorleifsson G, Thorsteinsdóttir U, Stefansson K; INTERHEART., Engert JC, Do R, Xie C, Anand S; MIGen steering committee., Kathiresan S, Ardissino D, Mannucci PM, Siscovick D, O'Donnell CJ, Samani NJ, Melander O, Elosua R, Peltonen L, Salomaa V, Schwartz SM, Altshuler D. Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. *Nat Genet.* 2009;41:334-41.

48. Gudbjartsson DF, Bjornsdóttir US, Halapi E, Helgadóttir A, Sulem P, Jonsdóttir GM, Thorleifsson G, Helgadóttir H, Steinthorsdóttir V, Stefansson H, Williams C, Hui J, Beilby J, Warrington NM, James A, Palmer LJ, Koppelman GH, Heinzmann A, Krueger M, Boezen HM, Wheatley A, Altmüller J, Shin HD, Uh ST, Cheong HS, Jonsdóttir B, Gislason D, Park CS, Rasmussen LM, Porsbjerg C, Hansen JW, Backer V, Werge T, Janson C, Jönsson UB, Ng MC, Chan J, So WY, Ma R, Shah SH, Granger CB, Quyyumi AA, Levey AI, Vaccarino V, Reilly MP, Rader DJ, Williams MJ, van Rij AM, Jones GT, Trabetti E, Malerba G, Pignatti PF, Boner A, Pescollerung L, Girelli D, Olivieri O, **Martinelli** N, Ludviksson BR, Ludviksdóttir D, Eyjolfsson GI, Arnar D, Thorgeirsson G, Deichmann K, Thompson PJ, Wjst M, Hall IP, Postma DS, Gislason T, Gulcher J, Kong A, Jonsdóttir I, Thorsteinsdóttir U, Stefansson K. Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. *Nat Genet.* 2009;41:342-7.

49. **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. *Clin Chem Lab Med*. 2009;47:432-40.
50. Caramaschi P, **Martinelli N**, Volpe A, Pieropan S, Tinazzi I, Patuzzo G, Mahamid H, Bambara LM, Biasi D. A score of risk factors associated with ischemic digital ulcers in patients affected by systemic sclerosis treated with iloprost. *Clin Rheumatol*. 2009;28:807-13.
51. Di Lorenzo G, Mansueto P, Pacor ML, Rizzo M, Castello F, **Martinelli N**, Ditta V, Lo Bianco C, Leto-Barone MS, D'Alcamo A, Di Fede G, Rini GB, Ditto AM. Evaluation of serum s-IgE/total IgE ratio in predicting clinical response to allergen-specific immunotherapy. *J Allergy Clin Immunol*. 2009;123:1103-10, 1110.e1-4.
52. **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, 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 Med Genet*. 2009 May 13;10:41.
53. Girelli D, Pasino M, Goodnough JB, Nemeth E, Guido M, Castagna A, Busti F, Camprostrini N, **Martinelli N**, Vantini I, Corrocher R, Ganz T, Fattovich G. Reduced serum hepcidin levels in patients with chronic hepatitis C. *J Hepatol*. 2009 Nov;51(5):845-52.
54. **Martinelli N**, Consoli L, Olivieri O. A 'desaturase hypothesis' for atherosclerosis: Janus-faced enzymes in omega-6 and omega-3 polyunsaturated fatty acid metabolism. *J Nutrigenet Nutrigenomics*. 2009;2(3):129-39.
55. 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. *Mol Cell Probes*. 2010 Jun;24(3):161-5.
56. Olivieri O, **Martinelli N**, Girelli D, Pizzolo F, Friso S, Beltrame F, Lotto V, Annarumma L, Corrocher R. Apolipoprotein C-III predicts cardiovascular mortality in severe coronary artery disease and is associated with an enhanced plasma thrombin generation. *J Thromb Haemost*. 2010 Mar;8(3):463-71.
57. Girelli D, **Martinelli N**, Peyvandi F, Olivieri O. Genetic architecture of coronary artery disease in the genome-wide era: implications for the emerging "golden dozen" loci. *Semin Thromb Hemost*. 2009 Oct;35(7):671-82.
58. Guella I, Rimoldi V, Asselta R, Ardissino D, Francolini M, **Martinelli N**, Girelli D, Peyvandi F, Tubaro M, Merlini PA, Mannucci PM, Duga S. Association and functional analyses of MEF2A as a susceptibility gene for premature myocardial infarction and coronary artery disease. *Circ Cardiovasc Genet*. 2009 Apr;2(2):165-72.
59. Di Lorenzo G, Mansueto P, Pacor ML, **Martinelli N**, Rizzo M, Ditta V, Leto-Barone MS, D'Alcamo A, Politi D, Pepe I, Rotolo G, Di Fede G, Caruso C, Rini GB, Corrocher R. Clinical importance of eosinophil count in nasal fluid in patients with allergic and non-allergic rhinitis. *Int J Immunopathol Pharmacol*. 2009 October-December;22(4):1077-1087.
60. Camprostrini N, Castagna A, Zaninotto F, Bedogna V, Tessitore N, Poli A, **Martinelli N**, Lupo A, Olivieri O, Girelli D. Evaluation of hepcidin isoforms in hemodialysis patients by a proteomic approach based on SELDI-TOF MS. *J Biomed Biotechnol*. 2010;2010:329646.
61. Triglyceride Coronary Disease Genetics Consortium and Emerging Risk Factors Collaboration, Sarwar N, Sandhu MS, Ricketts SL, Butterworth AS, Di Angelantonio E, Boekholdt SM, Ouwehand W, Watkins H, Samani NJ, Saleheen D, Lawlor D, Reilly MP, Hingorani AD, Talmud PJ, Danesh J. Collaborators: 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, K m rc -Bayrak E, **Martinelli** N, Olivieri O, Girelli D, Hingorani AD, Kivim ki 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 C mara AG, G mez-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, M ller H, Rothenbacher D, Jansson JH, Wennberg P, Nissinen A, Donfrancesco C, Giampaoli S, Salomaa V, Harald K, Jousilahti P, Vartiainen E, D'Agostino RB, Vasani RS, Pencina MJ, Bladbjerg EM, J rgensen T, M ller L, Jespersen J, Dankner R, Chetrit A, Lubin F, Bj rkelund 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, Nyss nen 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, Ferri res J, Schulte H, Assmann G, Packard CJ, Sattar N, Westendorp RG, Buckley BM, Cantin B, Lamarche B, Despr s 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, Nj lstad I, Mathiesen EB, L chen ML, Wilsgaard T, Ingelsson E, Lind L, Giedraitis V, Micha lsson K, Brunner E, Shipley M, Ridker P, Buring J, Shepherd J, Cobbe SM, Ford I, Robertson M, Iba nez 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 May 8;375(9726):1634-9.

62. Gretarsdottir S, Baas AF, Thorleifsson G, Holm H, den Heijer M, de Vries JP, Kranendonk SE, Zeebregts CJ, van Sterkenburg SM, Geelkerken RH, van Rij AM, Williams MJ, Boll AP, Kostic JP, Jonasdottir A, Jonasdottir A, Walters GB, Masson G, Sulem P, Saemundsdottir J, Mouy M, Magnusson KP, Tromp G, Elmore JR, Sakalihasan 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, Gotts ter A, Gaetani E, Pola R, Wells P, Rodger M, Forgie M, Langlois N, Corral J, Vicente V, Fontcuberta J, Espa a F, Grarup N, J rgensen 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,

- Kiemenev 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. *Nat Genet.* 2010 Aug;42(8):692-7.
63. **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 Dec16;116(25):5688-97.
64. 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, Hogue 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. *J Am Coll Cardiol.* 2010 Nov 2;56(19):1552-63.
65. Di Lorenzo G, Pacor ML, Candore G, Listi F, Ditta V, Leto-Barone MS, D'Alcamo A, **Martinelli N**, Corrocher R, Caruso C. Polymorphisms of cyclo-oxygenases and 5-lipo-oxygenase-activating protein are associated with chronic spontaneous urticaria and urinary leukotriene E4. *Eur J Dermatol.* 2011 Jan-Feb;21(1):47-52.
66. Reilly MP, Li M, He J, Ferguson JF, Stylianou IM, Mehta NN, Burnett MS, Devaney JM, Knouff CW, Thompson JR, Horne BD, Stewart AF, Assimes TL, Wild PS, Allayee H, Nitschke PL, Patel RS; Myocardial Infarction Genetics Consortium; Wellcome Trust Case Control Consortium, **Martinelli N**, Girelli D, Quyyumi AA, Anderson JL, Erdmann J, Hall AS, Schunkert H, Quertermous T, Blankenberg S, Hazen SL, Roberts R, Kathiresan S, Samani NJ, Epstein SE, Rader DJ, Qasim AN, DerOhannessian SL, Qu L, Cappola TP, Chen Z, Matthai W, Hakonarson HH, Wilensky R, Kent KM, Lindsay JM, Pichard AD, Satler L, Waksman R. Identification of ADAMTS7 as a novel locus for coronary atherosclerosis and association of ABO with myocardial infarction in the presence of coronary atherosclerosis: two genome-wide association studies. *Lancet.* 2011 Jan 29;377(9763):383-92.

67. Di Lorenzo G, Pacor ML, Amodio E, Leto-Barone MS, La Piana S, D'Alcamo A, Ditta V, **Martinelli N**, Di Bona D. Differences and Similarities between Allergic and Nonallergic Rhinitis in a Large Sample of Adult Patients with Rhinitis Symptoms. *Int Arch Allergy Immunol*. 2011 Feb 2;155(3):263-270.
68. Schunkert H, König IR, Kathiresan S, Reilly MP, Assimes TL, Holm H, Preuss M, Stewart AF, Barbalic M, Gieger C, Absher D, Aherrahrou Z, Allayee H, Altshuler D, Anand SS, Andersen K, Anderson JL, Ardissono D, 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, Cichon S, Codd V, Davies RW, Dedoussis G, Dehghan A, Demissie S, Devaney JM, Diemert P, Do R, Doering A, Eifert S, Mokhtari NE, Ellis SG, Elosua R, Engert JC, Epstein SE, de Faire U, Fischer M, Folsom AR, Freyer J, Gigante B, Girelli D, Gretarsdottir S, Gudnason V, Gulcher JR, Halperin E, Hammond N, Hazen SL, Hofman A, Horne BD, Illig T, Iribarren C, Jones GT, Jukema JW, Kaiser MA, Kaplan LM, Kastelein JJ, Khaw KT, Knowles JW, Kolovou G, Kong A, Laaksonen R, Lambrechts D, Leander K, Lettre G, Li M, Lieb W, 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, Muhlestein JB, Münzel T, Musunuru K, Nahrstaedt J, Nelson CP, Nöthen MM, Olivieri O, Patel RS, Patterson CC, Peters A, Peyvandi F, 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, Snoop JD, Soranzo N, Spertus JA, Stark K, Stirrups K, Stoll M, Tang WH, Tennstedt S, Thorgeirsson G, Thorleifsson G, Tomaszewski M, Uitterlinden AG, van Rij AM, Voight BF, Wareham NJ, Wells GA, Wichmann HE, Wild PS, Willenborg C, Witteman JC, 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; the CARDIoGRAM Consortium, Samani NJ. Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. *Nat Genet*. 2011 Mar 6;43(4):333-8.
69. **Martinelli N**, Carleo P, Girelli D, Olivieri O. An unusual heart failure. Cardiac amyloidosis due to light-chain myeloma. *Circulation*. 2011 May 10;123(18):e583-4.
70. Pizzolo F, Blom HJ, Choi SW, Girelli D, Guarini P, **Martinelli N**, Stanzial AM, Corrocher R, Olivieri O, Friso S. Folic acid effects on s-adenosylmethionine, s-adenosylhomocysteine, and DNA methylation in patients with intermediate hyperhomocysteinemia. *J Am Coll Nutr*. 2011 Feb;30(1):11-8.
71. Strawbridge RJ, Dupuis J, Prokopenko I, Barker A, Ahlqvist E, Rybin D, Petrie JR, Travers ME, Bouatia-Naji N, Dimas AS, Nica A, Wheeler E, Chen H, Voight BF, Taneera J, Kanoni S, Peden JF, Turrini F, Gustafsson S, Zabena C, Almgren P, Barker DJ, Barnes D, Dennison EM, Eriksson JG, Eriksson P, Eury E, Folkersen L, Fox CS, Frayling TM, Goel A, Gu HF, Horikoshi M, Isomaa B, Jackson AU, Jameson KA, Kajantie E, Kerr-Conte J, Kuulasmaa T, Kuusisto J, Loos RJ, Luan J, Makrilakis K, Manning AK, Martínez-Larrad MT, Narisu N, Nastase Mannila M, Ohrvik J, Osmond C, Pascoe L, Payne F, Sayer AA, Sennblad B, Silveira A, Stancáková A, Stirrups K, Swift AJ, Syvänen AC, Tuomi T, van 't Hooft FM, Walker M, Weedon MN, Xie W, Zethelius B; DIAGRAM Consortium; GIANT Consortium; MuTHER Consortium; CARDIoGRAM Consortium; C4D Consortium, Ongen H, Mälarstig A, Hopewell JC, Saleheen D, Chambers J, Parish S, Danesh J, Kooner J, Ostenson CG, Lind L, Cooper CC, Serrano-Ríos M, Ferrannini E, Forsen TJ, Clarke R, Franzosi MG, Seedorf

U, Watkins H, Froguel P, Johnson P, Deloukas P, Collins FS, Laakso M, Dermitzakis ET, Boehnke M, McCarthy MI, Wareham NJ, Groop L, Pattou F, Gloyn AL, Dedoussis GV, Lyssenko V, Meigs JB, Barroso I, Watanabe RM, Ingelsson E, Langenberg C, Hamsten A, Florez JC. Collaborators: Voight BF, Scott LJ, Steinthorsdottir V, Morris AP, Dina C, Welch RP, Zeggini E, Huth C, Aulchenko YS, Thorleifsson G, McCulloch LJ, Ferreira T, Grallert H, Amin N, Wu G, Willer CJ, Raychaudhuri S, Mccarroll SA, Langenberg C, Hofmann OM, Qi L, Segrè AV, van Hoek M, Navarro P, Ardlie K, Balkau B, Benediktsson R, Bennett AJ, Blagieva R, Boerwinkle E, Bonnycastle LL, Bengtsson Boström K, Bravenboer B, Bumpstead S, Burt P, Charpentier G, Chines PS, Cornelis M, Couper DJ, Crawford G, Doney AS, Elliott KS, Elliott AL, Erdos MR, Fox CS, Franklin CS, Gieger C, Grarup N, Green T, Griffin S, Groves CJ, Guiducci C, Hadjadj S, Hassanali N, Herder C, Isomaa B, Jackson AU, Johnson PR, Jørgensen T, Kao WH, Klopp N, Kong A, Kraft P, Kuusisto J, Lauritzen T, Li M, Lieverse A, Lindgren CM, Lyssenko V, Marre M, Meitinger T, Midthjell K, Morken MA, Narisu N, Nilsson P, Owen KR, Payne F, Perry JR, Petersen K, Platou C, Proença C, Prokopenko I, Rathmann W, William Rayner N, Robertson NR, Rocheleau G, Roden M, Sampson MJ, Saxena R, Shields BM, Shrader P, Sigurdsson G, Sparsø T, Strassburger K, Stringham HM, Sun Q, Swift AJ, Thorand B, Tichet J, Tuomi T, van Dam RM, van Haeften TW, van Herpt T, van Vliet JV, Bragi Walters G, Weedon MN, Wijmenga C, Wittman J, Bergman RN, Cauchi S, Collins FS, Gloyn AL, Gyllenstein U, Hansen T, Hide WA, Hitman GA, Hofman A, Hunter DJ, Hveem K, Laakso M, Mohlke KL, Morris AD, Palmer CN, Pramstaller PP, Rudan I, Sijbrands E, Stein LD, Tuomilehto J, Uitterlinden A, Walker M, Wareham NJ, Watanabe RM, Abecasis GR, Boehm BO, Campbell H, Daly MJ, Hattersley AT, Hu FB, Meigs JB, Pankow JS, Pedersen O, Wichmann E, Barroso I, Florez JC, Frayling TM, Groop L, Sladek R, Thorsteinsdottir U, Wilson JF, Illig T, Froguel P, Stefansson K, Altshuler D, Boehnke M, McCarthy MI, Speliotes EK, Willer CJ, Berndt SI, Monda KL, Thorleifsson G, Jackson AU, Allen HL, Lindgren CM, Luan J, Mägi R, Randall JC, Vedantam S, Winkler TW, Qi L, Workalemahu T, Heid IM, Steinthorsdottir V, Stringham HM, Weedon MN, Wheeler E, Wood AR, Ferreira T, Weyant RJ, Segrè AV, Estrada K, Liang L, Nemesh J, Park JH, Gustafsson S, Kilpeläinen TO, Yang J, Bouatia-Naji N, Esko T, Feitosa MF, Kutalik Z, Mangino M, Raychaudhuri S, Scherag A, Smith AV, Welch R, Zhao JH, Aben KK, Absher DM, Amin N, Dixon AL, Fisher E, Glazer NL, Goddard ME, Heard-Costa NL, Hoesel V, Hottenga JJ, Johansson Å, Johnson T, Ketkar S, Lamina C, Li S, Moffatt MF, Myers RH, Narisu N, Perry JR, Peters MJ, Preuss M, Ripatti S, Rivadeneira F, Sandholt C, Scott LJ, Timpson NJ, Tyrer JP, van Wingerden S, Watanabe RM, White CC, Wiklund F, Barlassina C, Chasman DI, Cooper MN, Jansson JO, Lawrence RW, Pellikka N, Prokopenko I, Shi J, Thiering E, Alavere H, Alibrandi MT, Almgren P, Arnold AM, Aspelund T, Atwood LD, Balkau B, Balmforth AJ, Bennett AJ, Ben-Shlomo Y, Bergman RN, Bergmann S, Biebertmann H, Blakemore AI, Boes T, Bonnycastle LL, Bornstein SR, Brown MJ, Buchanan TA, Busonero F, Campbell H, Cappuccio FP, Cavalcanti-Proença C, Ida Chen YD, Chen CM, Chines PS, Clarke R, Coin L, Connell J, Day IN, den Heijer M, Duan J, Ebrahim S, Elliott P, Elosua R, Eiriksdottir G, Erdos MR, Eriksson JG, Facheris MF, Felix SB, Fischer-Posovszky P, Folsom AR, Friedrich N, Freimer NB, Fu M, Gaget S, Gejman PV, Geus EJ, Gieger C, Gjesing AP, Goel A, Goyette P, Grallert H, Grässler J, Greenawalt DM, Groves CJ, Gudnason V, Guiducci C, Hartikainen AL, Hassanali N, Hall AS, Havulinna AS, Hayward C, Heath AC, Hengstenberg C, Hicks AA, Hinney A, Hofman A, Homuth G, Hui J, Igl W, Iribarren C, Isomaa B, Jacobs KB, Jarick I, Jewell E, John U, Jørgensen T, Jousilahti P, Jula A, Kaakinen M, Kajantie E, Kaplan LM,

Kathiresan S, Kettunen J, Kinnunen L, Knowles JW, Kolcic I, König IR, Koskinen S, Kovacs P, Kuusisto J, Kraft P, Kvaløy K, Laitinen J, Lantieri O, Lanzani C, Launer LJ, Lecoeur C, Terho L, Lettre G, Liu J, Lokki ML, Lorentzon M, Luben RN, Ludwig B, MAGIC, Manunta P, Marek D, Marre M, Martin NG, McArdle WL, McCarthy A, McKnight B, Meitinger T, Melander O, Meyre D, Midthjell K, Montgomery GW, Morken MA, Morris AP, Mulic R, Ngwa JS, Nelis M, Neville MJ, Nyholt DR, O'Donnell CJ, O'Rahilly S, Ong KK, Oostra B, Paré G, Parker AN, Perola M, Pichler I, Pietiläinen KH, Platou CG, Polasek O, Pouta A, Rafelt S, Raitakari O, Rayner NW, Ridderstråle M, Rief W, Ruokonen A, Robertson NR, Rzehak P, Salomaa V, Sanders AR, Sandhu MS, Sanna S, Saramies J, Savolainen MJ, Scherag S, Schipf S, Schreiber S, Schunkert H, Silander K, Sinisalo J, Siscovick DS, Smit JH, Soranzo N, Sovio U, Stephens J, Surakka I, Swift AJ, Tammesoo ML, Tardif JC, Teder-Laving M, Teslovich TM, Thompson JR, Thomson B, Tönjes A, Tuomi T, van Meurs JB, van Ommen GJ, Vatin V, Viikari J, Visvikis-Siest S, Vitart V, Vogel CI, Voight BF, Waite LL, Wallaschofski H, Walters GB, Widen E, Wiegand S, Wild SH, Willemsen G, Witte DR, Witteman JC, Xu J, Zhang Q, Zgaga L, Ziegler A, Zitting P, Beilby JP, Farooqi IS, Hebebrand J, Huikuri HV, James AL, Kähönen M, Levinson DF, Macciardi F, Nieminen MS, Ohlsson C, Palmer LJ, Ridker PM, Stumvoll M, Beckmann JS, Boeing H, Boerwinkle E, Dorret I B, Caulfield MJ, Chanock SJ, Collins FS, Cupples LA, Smith GD, Erdmann J, Froguel P, Grönberg H, Gyllenstein U, Hall P, Hansen T, Harris TB, Hattersley AT, Hayes RB, Heinrich J, Hu FB, Hveem K, Illig T, Jarvelin MR, Kaprio J, Karpe F, Khaw KT, Kiemeny LA, Krude H, Laakso M, Lawlor DA, Metspalu A, Munroe PB, Ouwehand WH, Pedersen O, Penninx BW, Peters A, Pramstaller PP, Quertermous T, Reinehr T, Rissanen A, Rudan I, Samani NJ, Schwarz PE, Shuldiner AR, Spector TD, Tuomilehto J, Uda M, Uitterlinden A, Valle TT, Wabitsch M, Waeber G, Wareham NJ, Watkins H, McCarroll SA, Shaun P, Eric E S, Peter M V, Assimes TL, Borecki IB, Deloukas P, Fox CS, Groop LC, Haritunians T, Hunter DJ, Kaplan RC, Mohlke KL, O'Connell JR, Peltonen L, Schlessinger D, Strachan DP, van Duijn CM, Barroso H, Boehnke M, Stefansson K, North KE, McCarthy MI, Hirschhorn JN, Ingelsson E, Loos RJ, Nica AC, Parts L, Glass D, Nisbet J, Barrett A, Sekowska M, Travers M, Potter S, Grundberg E, Small K, Hedman ÅK, Bataille V, Bell JT, Surdulescu G, Dimas AS, Ingle C, Nestle FO, di Meglio P, Min JL, Wilk A, Hammond CJ, Hassanali N, Yang TP, Montgomery SB, O'Rahilly S, Lindgren CM, Zondervan KT, Soranzo N, Barroso I, Durbin R, Ahmadi K, Deloukas P, McCarthy MI, Dermitzakis ET, Spector TD, Schunkert H, König IR, Kathiresan S, Reilly MP, Assimes TL, Holm H, Preuss M, Stewart AF, Barbalic M, Gieger C, Absher D, Aherrahrou Z, Allayee H, Altshuler D, Anand SS, Andersen K, Anderson JL, Ardissino D, 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, Cichon S, Codd V, Davies RW, Dedoussis G, Dehghan A, Demissie S, Devaney JM, Diemert P, Do R, Doering A, Eifert S, El Mokhtari NE, Ellis SG, Elosua R, Engert JC, Epstein SE, de Faire U, Fischer M, Folsom AR, Freyer J, Gigante B, Girelli D, Gretarsdottir S, Gudnason V, Gulcher JR, Halperin E, Hammond N, Hazen SL, Hofman A, Horne BD, Illig T, Iribarren C, Jones GT, Jukema JW, Kaiser MA, Kaplan LM, Kastelein JJ, Khaw KT, Knowles JW, Kolovou G, Kong A, Laaksonen R, Lambrechts D, Leander K, Lettre G, Li M, Lieb W, 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, Muhlestein JB, Münzel T, Musunuru K, Nahrstaedt J, Nelson CP, Nöthen MM, Olivieri O, Patel RS, Patterson CC, Peters A, Peyvandi F, 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 WH, Tennstedt S, Thorgeirsson G, Thorleifsson G, Tomaszewski M, Uitterlinden AG, van Rij AM, Voight BF, Wareham NJ, Wells GA, Wichmann HE, Wild PS, Willenborg C, Wittman JC, 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, Nilesh J S. 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 Oct;60(10):2624-34.
72. Santini V, Girelli D, Sanna A, **Martinelli N**, Duca L, Camprostrini N, Cortelezzi A, Corbella M, Bosi A, Reda G, Olivieri O, Cappellini MD. Hepcidin levels and their determinants in different types of myelodysplastic syndromes. *PLoS One*. 2011;6(8):e23109.
73. **Martinelli N**, Micaglio R, Consoli L, Guarini P, Grison E, Pizzolo F, Friso S, Trabetti E, Pignatti PF, Corrocher R, Olivieri O, 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. *Exp Diabetes Res*. 2012;2012:231502. Epub 2011 Sep 22.
74. IBC 50K CAD Consortium. Large-scale gene-centric analysis identifies novel variants for coronary artery disease. Collaborators: Butterworth AS, Braund PS, Farrall M, Hardwick RJ, Saleheen D, Peden JF, Soranzo N, Chambers JC, Sivapalaratnam S, Kleber ME, Keating B, Qasim A, Klopp N, Erdmann J, Assimes TL, Ball SG, Balmforth AJ, Barnes TA, Basart H, Baumert J, Bezzina CR, Boerwinkle E, Boehm BO, Brocheton J, Bugert P, Cambien F, Clarke R, Codd V, Collins R, Couper D, Cupples LA, de Jong JS, Diemert P, Ejebe K, Elbers CC, Elliott P, Fornage M, Franzosi MG, Frossard P, Garner S, Goel A, Goodall AH, Hengstenberg C, Hunt SE, Kastelein JJ, Klungel OH, Klüter H, Koch K, König IR, Kooner AS, Laaksonen R, Lathrop M, Li M, Liu K, McPherson R, Musameh MD, Musani S, Nelson CP, O'Donnell CJ, Ongen H, Papanicolaou G, Peters A, Peters BJ, Potter S, Psaty BM, Qu L, Rader DJ, Rasheed A, Rice C, Scott J, Seedorf U, Sehmi JS, Sotoodehnia N, Stark K, Stephens J, van der Schoot CE, van der Schouw YT, Thorsteinsdottir U, Tomaszewski M, van der Harst P, Vasani RS, Wilde AA, Willenborg C, Winkelmann BR, Zaidi M, Zhang W, Ziegler A, de Bakker PI, Koenig W, März W, Trip MD, Reilly MP, Kathiresan S, Schunkert H, Hamsten A, Hall AS, Kooner JS, Thompson SG, Thompson JR, Deloukas P, Ouwehand WH, Watkins H, Danesh J, Samani NJ, Barnes T, Rafelt S, Codd V, Tomaszewski M, Ouwehand WH, Bruinsma N, Dekker LR, Henriques JP, Koch KT, de Winter RJ, Alings M, Allaart CF, Gorgels AP, Verheugt FW, Braund PS, Thompson JR, Samani NJ, Mueller M, Meisinger C, DerOhannessian S, Mehta NN, Ferguson J, Hakonarson H, Matthai W, Wilensky R, Hopewell JC, Parish S, Linksted P, Notman J, Gonzalez H, Young A, Ostley T, Munday A, Goodwin N, Verdon V, Shah S, Cobb L, Edwards C, Mathews C, Gunter R, Benham J, Davies C, Cobb M, Cobb L, Crowther J, Richards A, Silver M, Tochlin S, Mozley S, Clark S, Radley M, Koureliias K, Silveira A, Söderholm B, Olsson P, Barlera S, Tognoni G, Rust S, Assmann G, Heath S, Zelenika D, Gut I, Green F, Farrall M, Peden J, Goel A, Ongen H, Franzosi MG, Lathrop M, Seedorf U, Clarke R, Collins R, Hamsten A, Watkins H, Aly A, Anner K, Björklund K, Blomgren G, Cederschiöld B, Danell-Toverud K, Eriksson P, Grundstedt U, Hamsten A, Heinonen M, Hellénus ML, van't Hooft F, Husman K, Lagercrantz J, Larsson A, Larsson M, Mossfeldt M, Mälarstig A,

Olsson G, Sabater-Lleal M, Sennblad B, Silveira A, Strawbridge R, Söderholm B, Öhrvik J, Zaman KS, Mallick NH, Azhar M, Samad A, Ishaq M, Shah N, Samuel M, Schunkert H, König IR, Kathiresan S, Reilly M, Assimes TL, Holm H, Preuss M, Stewart AF, Barbalic M, Gieger C, Absher D, Aherrahrou Z, Allayee H, Altshuler D, Anand S, Andersen K, Anderson JL, Ardissino D, Ball SG, Balmforth AJ, Barnes TA, Becker LC, Becker DM, Berger K, Bis JC, Boekholdt SM, Boerwinkle E, Braund PS, Brown MJ, Burnett MS, Buyschaert I, Carlquist JF, Chen L, Codd V, Davies RW, Dedoussis G, Dehghan A, Demissie S, Devaney J, Do R, Doering A, El Mokhtari NE, Ellis SG, Elosua R, Engert JC, Epstein S, de Faire U, Fischer M, Folsom AR, Freyer J, Gigante B, Girelli D, Gretarsdottir S, Gudnason V, Gulcher JR, Tennstedt S, Halperin E, Hammond N, Hazen SL, Hofman A, Horne BD, Illig T, Iribarren C, Jones GT, Jukema JW, Kaiser MA, Kaplan LM, Kastelein JJ, Khaw KT, Knowles JW, Kolovou G, Kong A, Laaksonen R, Lambrechts D, Leander K, Li M, Lieb W, Diemert P, Lettre G, 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, Muhlestein JB, 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, Roosendaal FR, Rubin D, Salomaa V, Sampietro ML, Sandhu MS, Schadt E, Schäfer A, Schillert A, Schreiber S, Schrezenmeir J, Schwartz SM, Siscovick DS, Sivanathan M, Sivapalaratnam S, Smith AV, Smith TB, Snoep JD, Soranzo N, Spertus JA, Stark K, Stefansson K, Stirrups K, Stoll M, Tang WH, Thorgeirsson G, Thorleifsson G, Tomaszewski M, Uitterlinden AG, van Rij AM, Voight BF, Wareham NJ, AWells G, Wichmann HE, Willenborg C, Wittteman JC, Wright BJ, Ye S, Ziegler A, Cambien F, Goodall AH, Cupples LA, Quertermous T, März W, Hengstenberg C, Blankenberg S, Ouwehand WH, Hall AS, Deloukas P, Thorsteinsdottir U, Roberts R, Thompson JR, O'Donnell CJ, McPherson R, Erdmann J, Samani NJ, Onland-Moret NC, van Setten J, de Bakker PI, Verschuren WM, Boer JM, Wijmenga C, Hofker MH, Maitland-van der Zee AH, de Boer A, Grobbee DE, Attwood T, Belz S, Braund P, Cambien F, Cooper J, Crisp-Hihn A, Diemert P, Deloukas P, Foad N, Erdmann J, Goodall AH, Gracey J, Gray E, Gwilliams R, Heimerl S, Hengstenberg C, Jolley J, Krishnan U, Lloyd-Jones H, Lugauer I, Lundmark P, Maouche S, Moore JS, Muir D, Murray E, Nelson CP, Neudert J, Niblett D, O'Leary K, Ouwehand WH, Pollard H, Rankin A, Rice CM, Sager H, Samani NJ, Sambrook J, Schmitz G, Scholz M, Schroeder L, Schunkert H, Syvannen AC, Tennstedt S, Wallace C. *PLoS Genet.* 2011 Sep;7(9):e1002260. Epub 2011 Sep 22.

75. 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. *J Med Genet.* 2012 Mar;49(3):192-9.
76. **Martinelli N**, Girelli D, Cigolini D, Sandri M, Ricci G, Rocca G, 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. Epub 2012 Apr 11.
77. **Martinelli N**, Busti F, Girelli D, Olivieri O. DISHphagia: An Unusual Cause of Dysphagia. *J Clin Endocrinol Metab.* 2012;97(8):2573-4.
78. 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, Schrezenmeier 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;380(9841):572-80.
79. Camprostrini N, Traglia M, **Martinelli N**, Corbella M, Cocca M, Manna D, Castagna A, Masciullo C, Silvestri L, Olivieri O, Toniolo D, Camaschella C, Girelli D. Serum levels of the hepcidin-20 isoform in a large general population: the Val Borbera study. *J Proteomics*. 2012 Dec 5;76 Spec No.:28-35.
80. **Martinelli N**, Traglia M, Camprostrini 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, Girelli D. Increased serum hepcidin levels in subjects with the metabolic syndrome: a population study. *PLoS One*. 2012;7(10):e48250.
81. Friso S, Udali S, Guarini P, Pellegrini C, Pattini P, Moruzzi S, Girelli D, Pizzolo F, **Martinelli N**, Corrocher R, Olivieri O, Choi SW. Global DNA hypomethylation in peripheral blood mononuclear cells as a biomarker of cancer risk. *Cancer Epidemiol Biomarkers Prev*. 2013;22(3):348-55.
82. **Martinelli N**, Consoli L, Girelli D, Grison E, Corrocher R, Olivieri O. Paraoxonases: ancient substrate hunters and their evolving role in ischemic heart disease. *Adv Clin Chem*. 2013;59:65-100.
83. **Martinelli N**, García-Heredia A, Roca H, Aranda N, Arija V, Mackness B, Mackness M, Busti F, Aragonès G, Pedro-Botet J, Pedica F, Cataldo I, Marsillach J, Joven J, Girelli D, Camps J. Paraoxonase-1 status in patients with hereditary hemochromatosis. *J Lipid Res*. 2013;54(5):1484-92.
84. 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;521(1):78-81.
85. **Martinelli N**, Olivieri O, Girelli D. Air particulate matter and cardiovascular disease: A narrative review. *Eur J Intern Med*. 2013 Jun;24(4):295-302.
86. 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. *Arterioscler Thromb Vasc Biol.* 2013 Dec;33(12):2909-14.
87. 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. *J Am Heart Assoc.* 2013 Nov 15;2(6):e000440.
 88. 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 JJ, 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. *Am J Hum Genet.* 2014 Feb 6;94(2):223-32.
 89. Busti F, Camprostrini N, **Martinelli N**, Girelli D. Iron deficiency in the elderly population, revisited in the hepcidin era. *Front Pharmacol.* 2014 Apr 23;5:83. ISSN: 1663-9812, doi: 10.3389/fphar.2014.00083.
 90. 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 CAD and MI in the LRP8 Gene. *Circ Cardiovasc Genet.* 2014 Aug;7(4):514-20. doi: 10.1161/CIRCGENETICS.113.000321.
 91. 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, Konig 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. *N Engl J Med.* 2014 Jul 3;371(1):22-31. doi: 10.1056/NEJMoa1307095.
 92. 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, vol. 9 Suppl, p. 25-31, ISSN: 1970-9366.

93. Matteazzi T, **Martinelli N**, Olivieri O, Tavella D, Girelli D. Incidentally Found Transient and Asymptomatic ST-Elevation: A Diagnostic Dilemma. *Journal of Medical Cases* 2014, vol. 5, p. 477-481, ISSN: 1923-4155.
94. Tosi F, Sartori F, Guarini P, Olivieri O, **Martinelli N**. Delta-5 and delta-6 desaturases: crucial enzymes in polyunsaturated Fatty Acid-related pathways with pleiotropic influences in health and disease. *Adv Exp Med Biol.* 2014;824:61-81. doi: 10.1007/978-3-319-07320-0_7.
95. 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. *Thromb Haemost.* 2015 Mar 3;113(3):655-63.
96. Do R, Stitzel NO, Won HH, Jørgensen AB, Duga S, Merlini PA, 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.* 2015 Feb 5;518(7537):102-6.
97. Locke AE, Kahali B, Berndt SI, Justice AE, Pers TH, Day FR, Powell C, Vedantam S, Buchkovich ML, Yang J, Croteau-Chonka DC, Esko T, Fall T, Ferreira T, Gustafsson S, Kutalik Z, Luan J, Mägi R, Randall JC, Winkler TW, Wood AR, Workalemahu T, Faul JD, Smith JA, Hua Zhao J, Zhao W, Chen J, Fehrmann R, Hedman ÅK, Karjalainen J, Schmidt EM, Absher D, Amin N, Anderson D, Beekman M, Bolton JL, Bragg-Gresham JL, Buyske S, Demirkan A, Deng G, Ehret GB, Feenstra B, Feitosa MF, Fischer K, Goel A, Gong J, Jackson AU, Kanoni S, Kleber ME, Kristiansson K, Lim U, Lotay V, Mangino M, Mateo Leach I, Medina-Gomez C, Medland SE, Nalls MA, Palmer CD, Pasko D, Pechlivanis S, Peters MJ, Prokopenko I, Shungin D, Stančáková A, Strawbridge RJ, Ju Sung Y, Tanaka T, Teumer A, Trompet S, van der Laan SW, van Setten J, Van Vliet-Ostaptchouk JV, Wang Z, Yengo L, Zhang W, Isaacs A, Albrecht E, Ärnlöv J, Arscott GM, Attwood AP, Bandinelli S, Barrett A, Bas IN, Bellis C, Bennett AJ, Berne C, Blagieva R, Blüher M, Böhringer S, Bonnycastle LL, Böttcher Y, Boyd HA, Bruinenberg M, Caspersen IH, Ida Chen YD, Clarke R, Daw EW, de Craen AJ, Delgado G, Dimitriou M, Doney AS, Eklund N, Estrada K, Eury E, Folkersen L, Fraser RM, Garcia ME, Geller F, Giedraitis V, Gigante B, Go AS, Golay A, Goodall AH, Gordon SD, Gorski M, Grabe HJ, Grallert H, Grammer TB, Gräßler J, Grönberg H, Groves CJ, Gusto G, Haessler J, Hall P, Haller T, Hallmans G, Hartman CA, Hassinen M, Hayward C, Heard-Costa NL, Helmer Q, Hengstenberg C, Holmen O, Hottenga JJ, James AL, Jeff JM, Johansson Å, Jolley J, Juliusdottir T, Kinnunen L, Koenig W, Koskenvuo M, Kratzer W, Laitinen J, Lamina C, Leander K, Lee NR, Lichtner P, Lind L, Lindström J, Sin Lo K, Lobbens S, Lorbeer R, Lu Y, Mach F, Magnusson PK, Mahajan A, McArdle WL, McLachlan S, Menni C, Merger S, Mihailov E,

Milani L, Moayyeri A, Monda KL, Morken MA, Mulas A, Müller G, Müller-Nurasyid M, Musk AW, Nagaraja R, Nöthen MM, Nolte IM, Pilz S, Rayner NW, Renstrom F, Rettig R, Ried JS, Ripke S, Robertson NR, Rose LM, Sanna S, Scharnagl H, Scholtens S, Schumacher FR, Scott WR, Seufferlein T, Shi J, Vernon Smith A, Smolonska J, Stanton AV, Steinthorsdottir V, Stirrups K, Stringham HM, Sundström J, Swertz MA, Swift AJ, Syvänen AC, Tan ST, Tayo BO, Thorand B, Thorleifsson G, Tyrer JP, Uh HW, Vandenput L, Verhulst FC, Vermeulen SH, Verweij N, Vonk JM, Waite LL, Warren HR, Waterworth D, Weedon MN, Wilkens LR, Willenborg C, Wilsgaard T, Wojczynski MK, Wong A, Wright AF, Zhang Q; LifeLines Cohort Study, Brennan EP, Choi M, Dastani Z, Drong AW, Eriksson P, Franco-Cereceda A, Gådin JR, Gharavi AG, Goddard ME, Handsaker RE, Huang J, Karpe F, Kathiresan S, Keildson S, Kiryluk K, Kubo M, Lee JY, Liang L, Lifton RP, Ma B, McCarroll SA, McKnight AJ, Min JL, Moffatt MF, Montgomery GW, Murabito JM, Nicholson G, Nyholt DR, Okada Y, Perry JR, Dorajoo R, Reinmaa E, Salem RM, Sandholm N, Scott RA, Stolk L, Takahashi A, Tanaka T, Van't Hooft FM, Vinkhuyzen AA, Westra HJ, Zheng W, Zondervan KT; ADIPOGen Consortium; AGEN-BMI Working Group; CARDIOGRAMplusC4D Consortium; CKDGen Consortium; GLGC; ICBP; MAGIC Investigators; MuTHER Consortium; MIGen Consortium; PAGE Consortium; ReproGen Consortium; GENIE Consortium; International Endogene Consortium, Heath AC, Arveiler D, Bakker SJ, Beilby J, Bergman RN, Blangero J, Bovet P, Campbell H, Caulfield MJ, Cesana G, Chakravarti A, Chasman DI, Chines PS, Collins FS, Crawford DC, Cupples LA, Cusi D, Danesh J, de Faire U, den Ruijter HM, Dominiczak AF, Erbel R, Erdmann J, Eriksson JG, Farrall M, Felix SB, Ferrannini E, Ferrières J, Ford I, Forouhi NG, Forrester T, Franco OH, Gansevoort RT, Gejman PV, Gieger C, Gottesman O, Gudnason V, Gyllenstein U, Hall AS, Harris TB, Hattersley AT, Hicks AA, Hindorf LA, Hingorani AD, Hofman A, Homuth G, Hovingh GK, Humphries SE, Hunt SC, Hyppönen E, Illig T, Jacobs KB, Jarvelin MR, Jöckel KH, Johansen B, Jousilahti P, Jukema JW, Jula AM, Kaprio J, Kastelein JJ, Keinanen-Kiukkaanniemi SM, Kiemenev LA, Knekt P, Kooner JS, Kooperberg C, Kovacs P, Kraja AT, Kumari M, Kuusisto J, Lakka TA, Langenberg C, Le Marchand L, Lehtimäki T, Lyssenko V, Männistö S, Marette A, Matise TC, McKenzie CA, McKnight B, Moll FL, Morris AD, Morris AP, Murray JC, Nelis M, Ohlsson C, Oldehinkel AJ, Ong KK, Madden PA, Pasterkamp G, Peden JF, Peters A, Postma DS, Pramstaller PP, Price JF, Qi L, Raitakari OT, Rankinen T, Rao DC, Rice TK, Ridker PM, Rioux JD, Ritchie MD, Rudan I, Salomaa V, Samani NJ, Saramies J, Sarzynski MA, Schunkert H, Schwarz PE, Sever P, Shuldiner AR, Sinisalo J, Stolk RP, Strauch K, Tönjes A, Trégouët DA, Tremblay A, Tremoli E, Virtamo J, Vohl MC, Völker U, Waeber G, Willemsen G, Witteman JC, Zillikens MC, Adair LS, Amouyel P, Asselbergs FW, Assimes TL, Bochud M, Boehm BO, Boerwinkle E, Bornstein SR, Bottinger EP, Bouchard C, Cauchi S, Chambers JC, Chanock SJ, Cooper RS, de Bakker PI, Dedoussis G, Ferrucci L, Franks PW, Froguel P, Groop LC, Haiman CA, Hamsten A, Hui J, Hunter DJ, Hveem K, Kaplan RC, Kivimaki M, Kuh D, Laakso M, Liu Y, Martin NG, März W, Melbye M, Metspalu A, Moebus S, Munroe PB, Njølstad I, Oostra BA, Palmer CN, Pedersen NL, Perola M, Pérusse L, Peters U, Power C, Quertermous T, Rauramaa R, Rivadeneira F, Saaristo TE, Saleheen D, Sattar N, Schadt EE, Schlessinger D, Slagboom PE, Snieder H, Spector TD, Thorsteinsdottir U, Stumvoll M, Tuomilehto J, Uitterlinden AG, Uusitupa M, van der Harst P, Walker M, Wallaschofski H, Wareham NJ, Watkins H, Weir DR, Wichmann HE, Wilson JF, Zanen P, Borecki IB, Deloukas P, Fox CS, Heid IM, O'Connell JR, Strachan DP, Stefansson K, van Duijn CM, Abecasis GR, Franke L, Frayling TM, McCarthy MI, Visscher PM, Scherag A, Willer CJ, Boehnke M, Mohlke KL,

- Lindgren CM, Beckmann JS, Barroso I, North KE, Ingelsson E, Hirschhorn JN, Loos RJ, Speliotes EK. Collaborators: Deloukas P, ... **Martinelli N**, ... Murray A. Genetic studies of body mass index yield new insights for obesity biology. *Nature*. 2015 Feb 12;518(7538):197-206.
98. Dolcino M, Puccetti A, Barbieri A, Bason C, Tinazzi E, Ottria A, Patuzzo G, **Martinelli N**, Lunardi C. Infections and autoimmunity: role of human cytomegalovirus in autoimmune endothelial cell damage. *Lupus*. 2015 Apr;24(4-5):419-32.
99. Myocardial Infarction Genetics and CARDIoGRAM Exome Consortia Investigators. Stitzel NO, Stirrups KE, Masca NG, Erdmann J, Ferrario PG, König IR, Weeke PE, Webb TR, Auer PL, Schick UM, Lu Y, Zhang H, Dube MP, Goel A, Farrall M, Peloso GM, Won HH, Do R, van Iperen E, Kanoni S, 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 CM, El-Mokhtari NE, Franke A, Gottesman O, 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, Müller-Nurasyid M, Nikpay M, Olivieri O, Perreault LP, AlQarawi A, Robertson NR, Akinsanya KO, Reilly DF, Vogt TF, Yin W, Asselbergs FW, Kooperberg C, Jackson RD, Stahl E, Strauch K, Varga TV, Waldenberger M, Zeng L, Kraja AT, Liu C, Ehret GB, Newton-Cheh C, Chasman DI, Chowdhury R, Ferrario M, Ford I, Jukema J, Kee F, Kuulasmaa K, Nordestgaard BG, Perola M, Saleheen D, Sattar N, Surendran P, Tregouet D, Young R, Howson JM, Butterworth AS, Danesh J, Ardissino D, Bottinger EP, Erbel R, Franks PW, Girelli D, Hall AS, Hovingh G, 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, Kathiresan S, Deloukas P, Samani NJ, Schunkert H. Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. *N Engl J Med*. 2016 Mar 24;374(12):1134-44.
100. **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. *J Thromb Haemost*. 2016 Apr;14(4):655-66.
101. Moruzzi S, Udali S, Ruzzenente A, Guglielmi A, Guarini P, **Martinelli N**, Conci S, Mazzi F, Pattini P, Tammen SA, Olivieri O, Pizzolo F, Choi SW, Friso S. The RFC1 80G>A, among Common One-Carbon Polymorphisms, Relates to Survival Rate According to DNA Global Methylation in Primary Liver Cancers. *PLoS One*. 2016 Dec 9;11(12):e0167534. doi: 10.1371/journal.pone.0167534. eCollection 2016.
102. 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, Provost 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. *J Am Coll Cardiol*. 2017 Feb 21;69(7):823-836. doi: 10.1016/j.jacc.2016.11.056.
103. 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. *Eur J Intern Med*. 2017 Jun;41:10-17. doi:10.1016/j.ejim.2017.03.019.
104. 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. *Thromb Res*. 2017 Jul;155:16-22. doi: 10.1016/j.thromres.2017.04.021.
105. 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, Svingen 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 N**, Leisherer 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 Endocrinol*. 2017 Jul;5(7):534-543. doi: 10.1016/S2213-8587(17)30096-7.
106. **Martinelli N**, Marcolini L. Without Headache: Fever of Unknown Cause Due to Giant Cell Arteritis. *J Clin Rheumatol*. 2018 Jan;24(1):38-39. doi: 10.1097/RHU.0000000000000528.
107. Moruzzi S, Guarini P, Udali S, Ruzzenente A, Guglielmi A, Conci S, Pattini P, **Martinelli N**, Olivieri O, Tammen SA, Choi SW, Friso S. One-carbon genetic variants and the role of MTHFD1 1958G>A in liver and colon cancer risk according to global DNA methylation. *PLoS One*. 2017 Oct 2;12(10):e0185792. doi: 10.1371/journal.pone.0185792.

LETTERS

1. 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.
2. Trabetti E, Biscuola M, Cavallari U, Malerba G, Pasquali A, Girelli D, Olivieri O, **Martinelli N**, Corrocher R, Pignatti PF. Reply to Novelli. *Eur J Hum Genet.* 2006;14:895.
3. **Martinelli N**, Carleo P, Girelli D, and Olivieri O. Response to Letter Regarding Article, “An Unusual Heart Failure: Cardiac Amyloidosis Due to Light Chain Myeloma” *Circulation.* 2011;124:e535.

BOOKS AND OTHER PUBLICATIONS

- Coauthor of the book “Diagnostic Dilemmas. Images in Endocrinology – Second Edition”, Endocrine Press, Editor Leonard Wartofsky, 2013, ISBN: 978-1-936704-15-6.
- Coauthor of the publication SIPREC (Società Italiana per la Prevenzione Cardiovascolare) 2013, “Inquinamento atmosferico e malattia cardiovascolare” (Air pollution and cardiovascular disease).
- Coauthor of the book “SIMI Handbook Terapia Medica” (Sezione 10 – Ematologia) – 2018 Edra S.p.A.

CONGRESS COMMUNICATIONS

* = abstracts published on International Journals reviewed on Current Contents

= oral presentations at International Congresses

1. Faccini G, Girelli D, Pizzolo F, Olivieri O, Stranieri C, Russo C, **Martinelli N**, Zaia B, Zenari ML, Gerani C, Bertozzo L, Pignatti PF, Corrocher R. G070 “Genetic and environmental determinants of hyperhomocysteinemia in subjects with angiographically proven coronary artery disease”. Biochimica Clinica SIBioC 2000, 32° Congresso Nazionale Società Italiana di Biochimica Clinica e Biologia Molecolare Clinica, Rimini, Palacongressi 12-15 settembre 2000.
2. Girelli D, **Martinelli N**, Pizzolo F, Olivieri C, Friso S, Stranieri C, Russo C, Zaia B, Faccini G, Pignatti PF, Corrocher R. Abstract 2773, Poster Board-Session 237-III, “Plasma levels of homocysteine as a function of a strong and graded gene-environmental interaction between the MTHFR C677T mutation and folate status. Implications for the risk of coronary artery disease” American Society of Hematology, Forty-second annual meeting, San Francisco, California, December 1-5, 2000.
3. # **Martinelli N**, Girelli D, Pizzolo F, Olivieri C, Friso S, Stranieri C, Trabetti E, Tinazzi E, Faccini G, Pignatti PF, Corrocher R. 199, “The MTHFR/folate/homocysteine connection as a model of graded gene-environmental interaction with possible implications for the risk of coronary artery disease” Homocysteine Metabolism 3rd International Conference, Sorrento, Italy, 1-5 luglio 2001.
4. Pizzolo F, **Martinelli N**, Olivieri C, Friso S, Stranieri C, Trabetti E, Russo C, Tinazzi E, Faccini G, Pignatti PF, Corrocher R, Girelli D. P3053 “MTHFR C677T genotype-specific threshold values of folate status able to induce mild hyperhomocysteinemia. A model of gene-environmental interaction with implications for the risk of coronary artery disease” XVIII Congress The International Society on Thrombosis and Haemostasis, ISTH Paris 2001 July 6-12.
5. Pacor ML, Di Lorenzo G, Biasi D, **Martinelli N**, Corrocher R. 27, “Montelukast as a treatment for seasonal allergic rhinitis” European Asthma Congress, Moscow, Russia, September 9-12, 2001.
6. * Pacor ML, Di Lorenzo G, Lombardo G, **Martinelli N**, Corrocher R. 307, “Nickel sulphate intolerance in oral lichen planus” XXI Congress of the European Academy of Allergology and Clinical Immunology, Naples, Italy, 1-5 June 2002; *Allergy*, Supplement 73, Volume 57, 2002.
7. * Pacor ML, Di Lorenzo G, Biasi D, **Martinelli N**, Corrocher R. 307a, “Seronegative spondylarthropathy and food allergy” XXI Congress of the European Academy of Allergology and Clinical Immunology, Naples, Italy, 1-5 June 2002; *Allergy*, Supplement 73, Volume 57, 2002.
8. Caramaschi P, Biasi D, Carletto A, Perbellini L, Canestrini S, **Martinelli N**, Volpe A, Bambara LM. “Valutazioni termometriche in 8 pazienti affetti da sclerodermia in condizioni basali e dopo infusione di iloprost” XXXIX Congresso della Società Italiana di Reumatologia, cfr Reumatismo 2002; 54; 3 (Suppl. N. 2).
9. * Girelli D, Bozzini C, Ferraresi P, **Martinelli N**, Olivieri O, Manzato F, Bernardi F, Corrocher R. Polymorphisms in the factor VII gene promoter (-323A1A2 and-402GA) and the risk of myocardial infarction in patients with advanced coronary atherosclerosis. American Society of Hematology 2002. *Blood* 100: 1934 Part 1 NOV 16 2002.

10. * Scanavini D, Girelli D, Lunghi B, Legnani C, **Martinelli N**, Pinotti M, Palareti G, Bernardi F. Two polymorphisms (2120Met/Thr, 2194 Asp/Gly,) in the C2 domain of factor V are associated with reduced factor V levels. American Society of Hematology 2002. *Blood* 100: 1942 Part 1 NOV 16 2002.
11. *# Olivieri O, Pizzolo F, **Martinelli N**, Girelli D, Bassi A, Stranieri C, Trabetti E, Pignatti GF, Corrocher R. “Carriership of apolipoprotein CIII –455C gene variant strongly increases the coronary artery disease risk associated with the metabolic syndrome”. ESCI “The pathophysiology of diseases: from bench to bedside” 37th Annual Scientific Meeting, 2-5 April 2003. *European Journal of Clinical Investigation* 2003; 33 Suppl. 1: 1-22 (11).
12. * **Martinelli N**, Friso S, Girelli D, Olivieri O, Pizzolo F, Bozzini C, Lotto V, Faccini G, Tinazzi E, Beltrame F, Selhub J, Corrocher R. “Low vitamin B6, markers of inflammation, and risk of coronary artery disease” ESCI “The pathophysiology of diseases: from bench to bedside” 37th Annual Scientific Meeting, 2-5 April 2003. *European Journal of Clinical Investigation* 2003; 33 Suppl. 1: 1-22 (12).
13. * Bozzini C, Girelli D, Ferraresi P, **Martinelli N**, Olivieri O, Friso S, Villa G, Manzato F, Bernardi F, Corrocher R. “Factor VII polymorphisms and the risk of myocardial infarction in coronary atherosclerosis” ESCI “The pathophysiology of diseases: from bench to bedside” 37th Annual Scientific Meeting, 2-5 April 2003. *European Journal of Clinical Investigation* 2003; 33 Suppl. 1: 1-22 (69).
14. Bozzini C, Olivieri O, Villa G, **Martinelli N**, Bassi A, Pizzolo F, Friso S, Lotto V, Corrocher R, Girelli D. Determinants of serum ferritin in the metabolic syndrome. World Congress on Iron Metabolism “Bioiron 2003”, Bethesda Md, May 4-9, 2003.
15. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. “Levocetirizine as a treatment for perinneeal allergic rhinitis” Paris: XXII Congress of the European Academy of Allergology and Clinical Immunology 7-11 June 2003 (Abstract Book, page 77).
16. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. “Telithromycin in patients with adverse reactions to betalactams drugs” Paris: XXII Congress of the European Academy of Allergology and Clinical Immunology 7-11 June 2003 (Abstract Book, page 346-347).
17. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. “The role of probiotics in food allergy” Paris: XXII Congress of the European Academy of Allergology and Clinical Immunology 7-11 June 2003 (Abstract Book, page 398-399).
18. * Friso S, Girelli D, **Martinelli N**, Olivieri O, Pizzolo F, Bozzini C, Lotto V, Faccini G, Beltrame F, Selhub J, and R Corrocher. Low circulating vitamin B₆ markers of inflammation, and risk of coronary artery disease. XIX Congress of The International Society on Thrombosis and Haemostasis, Birmingham, UK, July 12-18 2003. *Journal of Thombosis and Haemostasis*, Suppl. July 2003.
19. * Bozzini C, Corrocher R, Girelli D, Ferraresi P, **Martinelli N**, Olivieri O, Friso S, Villa G, Pizzolo F, Manzato F, Bernardi F. Factor VII polymorphisms and the risk of myocardial infarction in coronary atherosclerosis. Abstract number: P0471. XIX Congress of The International Society on Thrombosis and Haemostasis, Birmingham, UK, July 12-18 2003. *Journal of Thombosis and Haemostasis*, Suppl. July 2003.
20. * Lunghi B, Girelli D, Scanavini D, Grandini A, **Martinelli N**, Bernardi F. Modulation of factor V levels in plasma by intragenic polymorphisms. Abstract number: OC311. XIX Congress of The International Society on

Thrombosis and Haemostasis, Birmingham, UK, July 12-18 2003. *Journal of Thrombosis and Haemostasis*, Suppl. July 2003.

21. Caramaschi P, **Martinelli N**, Biasi D, Carletto A, Faccini G, Volpe A, Ferrari M, Scambi C, Bertozzo L, Bonetto MG, Bambara LM. M125, "Severity of lung impairment in scleroderma is related to homocysteine plasma concentration" Biochimica Clinica SIBioC 2003, 35° Congresso Nazionale Società Italiana di Biochimica Clinica e Biologia Molecolare Clinica, Firenze, Palazzo dei Congressi e Palazzo degli Affari 14-17 ottobre 2003.
22. Faccini G, Girelli D, **Martinelli N**, Friso S, Olivieri O, Stranieri C, Tinazzi E, Guarini P, Gerani C, Poffè R, Pizzolo F, Pignatti PF, Corrocher R. M126, "The interaction between MTHFR 677C→T genotype and folate status is a determinant of coronary atherosclerosis risk" Biochimica Clinica SIBioC 2003, 35° Congresso Nazionale Società Italiana di Biochimica Clinica e Biologia Molecolare Clinica, Firenze, Palazzo dei Congressi e Palazzo degli Affari 14-17 ottobre 2003.
23. * Girelli D, Bozzini C, Olivieri O, Villa G, **Martinelli N**, Pizzolo F, Friso S, Lotto V, Bassi A, Corrocher R. Determinants of serum ferritin and prevalence of iron overload in the Metabolic (Insulin Resistance) Syndrome. American Society of Hematology 2003. *Blood* 102: 3730 Part 2 NOV 16 2003
24. * **Martinelli N**, Girelli D, Olivieri O, Stranieri C, Trabetti E, Pizzolo F, Friso S, Cheng S, Grow MA, Pignatti PF, Corrocher R. Interaction between smoking and PON2 Ser311Cys polymorphism as determinant of the risk of myocardial infarction in patients with coronary atherosclerosis. (*American Journal of Human Genetics*, suppl. for the 53rd Annual Meeting of The American Society of Human Genetics, Los Angeles, California, November 4- 8, 2003).
25. * 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. (*American Journal of Human Genetics*, suppl. for the 53rd Annual Meeting of The American Society of Human Genetics, Los Angeles, California, November 4- 8, 2003).
26. Pacor ML, Di Lorenzo G, **Martinelli N**, Lombardo G, Corrocher G, Corrocher R. "Double-blind placebo-controlled challenge with nickel salts, in patients affected by recurrent aphthous stomatitis" 9th International Symposium on Immunological, Chemical and Clinical Problems of Food Allergy – Budapest/Hungary, 18-21 April 2004.
27. Pacor ML, Di Lorenzo G, **Martinelli N**, Biasi D, Corrocher R. "Probiotics and food allergy" 9th International Symposium on Immunological, Chemical and Clinical Problems of Food Allergy – Budapest/Hungary, 18-21 April 2004.
28. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. 278 "Levocetirizine as a treatment for perennial allergic rhinitis" XXIII EAACI Congress, 12-16 June 2004, Amsterdam.
29. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. 762 "Tacrolimus ointment 0.1% as treatment of nickel-induced allergic contact dermatitis" XXIII EAACI Congress, 12-16 June 2004, Amsterdam.
30. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. 972 "Food additives intolerance and persistent asthma" XXIII EAACI Congress, 12-16 June 2004, Amsterdam.

31. Pacor ML, Di Lorenzo G, **Martinelli N**, Mansueto P, Esposito-Pellitteri M, Ditta V, Leto Barone MS, Napoli N, Di Fede G, Rini GB, Corrocher R. “Orticaria cronica da additivi” 24° Congresso nazionale della Società Italiana di Allergologia ed Immunologia Clinica; Roma 4-7 maggio 2005.
32. Di Lorenzo G, Pacor ML , Mansueto P, Esposito-Pellitteri M, Ditta V, Lo Bianco C, Leto Barone MS, **Martinelli N**, Di Fede G, Rini GB. “Strategie terapeutiche mediche della poliposi nasale” 24° Congresso nazionale della Società Italiana di Allergologia ed Immunologia Clinica; Roma 4-7 maggio 2005.
33. Di Lorenzo G, Pacor ML , Mansueto P, Esposito-Pellitteri M, Ditta V, Lo Bianco C, Leto Barone MS, **Martinelli N**, Di Fede G, Rini GB. “I corticosteroidi topici” 24° Congresso nazionale della Società Italiana di Allergologia ed Immunologia Clinica; Roma 4-7 maggio 2005.
34. *# Friso S, Girelli D, Trabetti E, Olivieri O, Guarini P, Villa G, Pattini P, Pizzolo F, Bozzini C, **Martinelli N**, Pignatti PF, Corrocher R, Choi SW. Oral communication C044: “Interaction between folate and MTHFR 1298 A>C polymorphism on genomic DNA methylation” Homocysteine Metabolism 5th International Conference, Milano, Italy, June 26-30, 2005. *Haematologica reports*. Volume 1, No. 3, June 2005.
35. * **Martinelli N**, Girelli D, Olivieri O, Friso S, Pizzolo F, Faccini G, Bozzini C, Tenuti I, Lotto V, Villa G, Guarini P, Trabetti E, Pignatti PF, Mazzucco A, Corrocher R. Poster P028: “Hyperhomocysteinemia and mortality after coronary artery bypass grafting” Homocysteine Metabolism 5th International Conference, Milano, Italy, June 26-30, 2005. *Haematologica reports*. Volume 1, No. 3, June 2005.
36. * Pizzolo F, Girelli D, Friso S, Olivieri O, **Martinelli N**, Villa G, Bozzini C, Guarini P, Trabetti E, Corrocher R. Poster P043: “High levels of homocysteine are associated with small number of traditional cardiovascular risk factors in patients with similar degree of coronary atherosclerosis” Homocysteine Metabolism 5th International Conference, Milano, Italy, June 26-30, 2005. *Haematologica reports*. Volume 1, No. 3, June 2005.
37. **Martinelli N**, Di Lorenzo G, Corrocher G, Pradella P, Uxa L, Pacor M. 1014: “HLA phenotypes and food additives intolerance” World Allergy Congress, Munich, Germany, June 26 – July 1, 2005.
38. Pacor M, Di Lorenzo G, **Martinelli N**, Friso S, Corrocher G. 1157: “Efficacy of tacrolimus ointment in nickel sulphate allergic contact dermatitis” World Allergy Congress, Munich, Germany, June 26 – July 1, 2005.
39. *# Girelli D, **Martinelli N**, Olivieri O, Trabetti E, Pizzolo F, Bozzini C, Friso S, Villa G, Tenuti I, Cheng S, Lotto V, Pignatti PF, Bernardi F, Corrocher R. OR156: “Polymorphisms in the Hemostatic Pathway Genes and the Risk of Myocardial infarction in Patients with Advanced Coronary Artery Disease. Results from the Verona Heart Project” XXth International Society on Thrombosis and Haemostasis (ISTH) Congress, Sydney, Australia, August 6-12, 2005. *Journal of Thrombosis and Haemostasis* 2005; Volume 3, Supplement 1: OR156.
40. * **Martinelli N**, Girelli D, Lunghi B, Olivieri O, Scanavini D, Manzato F, Lotto V, Tenuti I, Bozzini C, Friso S, Pizzolo F, Corrocher R, Bernardi F. P0638: “Factor VIII:c Levels in Subjects with the Factor V R2 Polymorphism” XXth International Society on Thrombosis and Haemostasis (ISTH) Congress, Sydney, Australia, August 6-12, 2005. *Journal of Thrombosis and Haemostasis* 2005; Volume 3, Supplement 1: P0638.
41. # Tenuti T, **Martinelli N**, Girelli D, Olivieri O, Pizzolo F, Friso S, Bozzini C, Lotto V, Trabetti E, Pignatti PF, Corrocher R. “Interaction between PON2 polymorphism Ser₃₁₁Cys and smoking as a determinant of myocardial

- infarction risk: a Janus-faced polymorphism on the basis of environmental triggers?" 2nd International Conference on Paraoxonases Hajdúszoboszló, Hungary 7th-10th September, 2006
42. # **Martinelli N**, Girelli D, Olivieri O, Friso S, Pizzolo F, Tenuti I, Lotto V, Bozzini C, Trabetti E, Pignatti PF, Corrocher R. "Met₅₅Leu and Gln₁₉₂Arg PON1 polymorphisms and mortality after coronary artery by-pass grafting surgery" 2nd International Conference on Paraoxonases Hajdúszoboszló, Hungary 7th-10th September, 2006
 43. * **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, Girelli D. C134: "Hyperhomocysteinemia and mortality after coronary artery bypass grafting" XIX Congress of the Società Italiana per lo studio dell'Emostasi e della Trombosi (SISSET) Milan, Italy, September 14-17, 2006; *Haematologica – The Hematology Journal* 2006, Volume 91, supplement no. 2:42
 44. * 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 in Italy. An Angiography-Based Study. American Society of Hematology 2006, Orlando, Florida, December 9-12. *Blood* 108: Part 1 NOV 16 2006.
 45. * [Corrocher G](#), [Di Lorenzo G](#), [Mansueto P](#), [Martinelli N](#), [Esposito-Pellitteri M](#), [Lombardo G](#), [Corrocher R](#), [Pacor ML](#). Adults with moderate to severe desquamative gingivitis: A 4-week, randomized, single blind, clinical trial. Comparison of topical tacrolimus 0.1% in orabase with clobetasol 0.5% ointment. *Allergy* 62: 446-446 Suppl. 83, JUN 2007
 46. * [Pacor ML](#), [Mansueto P](#), [Martinelli N](#), [Esposito-Pellitteri M](#), [Lo Bianco C](#), [Leto-Barone M](#), [Ditta V](#), [D'Alcamo A](#), [Corrocher R](#), [Rini G](#), [Di Lorenzo G](#). Tacrolimus ointment in patients with allergic contact dermatitis to nickel sulphate. *Allergy* 62: 322-323 Suppl. 83, JUN 2007
 47. * [Pacor ML](#), [Mansueto P](#), [Martinelli N](#), [Esposito-Pellitteri M](#), [Ditta V](#), [Lo Bianco C](#), [Leto-Barone M](#), [Corrocher R](#), [Rini G](#), [D'Alcamo A](#), [Di Lorenzo G](#). Human leucocyte antigen class I and class II and chronic idiopathic urticaria associated with aspirin and/or NSAIDs hypersensitivity. *Allergy* 62: 315-315 Suppl. 83, JUN 2007
 48. * **Martinelli N**, Bassi A, Trabetti E, Girelli D, Pizzolo F, Friso S, Pignatti PF, Corrocher R, Olivieri O. Reduced Apo C-III and Apo E concentrations but paradoxical increase of Apo C-III/Apo E ratio in E4 individuals. A link with metabolic syndrome. P03-70, 76th Annual Congress of European Atherosclerosis Society, Helsinki 2007, June 10-13. *Atherosclerosis Supplements*, Vol. 8 No. 1, June 2007, Page 35
 49. *# **Martinelli N**, Girelli D, Guarini P, Malerba G, Illig T, Trabetti E, Friso S, Pizzolo F, Bozzini C, Schaeffer L, Heinrich J, Pignatti PF, Corrocher R, Olivieri O. Increased arachidonic/linoleic ratio and a polygenic model of desaturase polymorphisms are associated with increased risk of coronary artery disease. O-M-031, XXIst Congress of the International Society of Thrombosis and Haemostasis, Geneva – 2007 July 6-12. *Journal of Thrombosis and Haemostasis* 2007; 5, Supplement 2.
 50. Corrocher G, Di Lorenzo G, **Martinelli N**, Corrocher R, Votzakis P, Pacor ML. Utility of montelukast in nickel-sensitive patients with chronic dermatitis. Postersession Focus Contact Dermatitis– 495. Barcelona 7-11 June 2008, XXVII Congress of the European Academy of Allergology and Clinical Immunology (EACI).

51. Corrocher G, Di Lorenzo G, **Martinelli N**, Mansueto P, Biasi D, Nocini P, Lombardo G, Fior A, Corrocher R, Bambara L, Gelio S, Pacor ML. Comparative effect of tacrolimus 0.1% ointment and clobetasol 0.05% ointment in patients with oral lichen planus. Postersession Patient Care, Education and Clinical Services – 731. Barcelona 7-11 June 2008, XXVII Congress of the European Academy of Allergology and Clinical Immunology (EACI).
52. Corrocher G, Di Lorenzo G, **Martinelli N**, Corrocher R, Votzakis P, Pacor ML. The role of probiotics in food allergy. Postersession Food Allergy I – 1178. Barcelona 7-11 June 2008, XXVII Congress of the European Academy of Allergology and Clinical Immunology (EACI).
53. Corrocher G, Di Lorenzo G, **Martinelli N**, Mansueto P, Gelio S, Biasi D, Bambara L, Corrocher R, Pacor ML. Safety of etoricoxib in subjects with history of adverse cutaneous reactions to ASA and/or non-steroidal anti-inflammatory drugs. Postersession NSAIDS Intolerance – 1623. Barcelona 7-11 June 2008, XXVII Congress of the European Academy of Allergology and Clinical Immunology (EACI).
54. Corrocher G, Di Lorenzo G, **Martinelli N**, Corrocher R, Votzakis P, Pacor ML. Food additive intolerance and persistent asthma. Postersession Genetic and Environmental Risk Factors of Asthma – 1676. Barcelona 7-11 June 2008, XXVII Congress of the European Academy of Allergology and Clinical Immunology (EACI).
55. # **Martinelli N**, Girelli D, Olivieri O, Guarini P, Bassi A, Trabetti E, Friso S, Pizzolo F, Bozzini C, Tenuti I, Schiavon R, Pignatti PF, Corrocher R. Novel serum paraoxonase assays are associated with coronary artery disease. 3rd International Conference on Paraoxonases, September 7-10, 2008, Los Angeles, California, USA.
56. **Martinelli N**, Khersonsky O, Tawfik DS, Guarini P, Girelli D, Olivieri O, Bassi A, Trabetti E, Gaidukov L, Friso S, Pizzolo F, Annarumma L, Schiavon R, Pignatti PF, Corrocher R. PON1 activities in metabolic syndrome and risk of coronary artery disease. 3rd International Conference on Paraoxonases, September 7-10, 2008, Los Angeles, California, USA.
57. * Girelli D, **Martinelli N**, Castagna A, Camprostrini N, Guarini P, Friso S, Pizzolo F, Busti F, Annarumma L, Corrocher R, Olivieri O. Elevated D-dimer levels are associated with coronary artery disease and cardiovascular death in an angiographically-studied population. *Journal of Thrombosis and Haemostasis* 2009; Volume 7, Supplement 2: Abstract PP-MO-342. XXII Congress of the International Society on Thrombosis and Haemostasis, July 11-16, 2009, Boston, MA, USA.
58. *# **Martinelli N**, Lunghi B, Girelli D, Pinotti M, Marchetti G, Bisi M, Olivieri O, Manzato F, Corrocher R, Bernardi F. A common polymorphism in low-density lipoprotein receptor gene is a predictor of factor VIII activity levels and is associated with coronary artery disease. *Journal of Thrombosis and Haemostasis* 2009; Volume 7, Supplement 2: Abstract OC-TH-028. XXII Congress of the International Society on Thrombosis and Haemostasis, July 11-16, 2009, Boston, MA, USA.
59. *# **Martinelli N**, Girelli D, Friso S, Pizzolo F, Guarini P, Bassi A, Guidi G, Corrocher R, Olivieri O. High plasma apolipoprotein C-III levels predict total and cardiovascular mortality in patients with angiographically defined coronary artery disease. *Journal of Thrombosis and Haemostasis* 2009; Volume 7, Supplement 2: Abstract OC-TH-030. XXII Congress of the International Society on Thrombosis and Haemostasis, July 11-16, 2009, Boston, MA, USA.
60. * **Martinelli N**, Olivieri O, Camprostrini N, Castagna A, Friso S, Pizzolo F, Guarini P, Annarumma L, Busti F, Corrocher R, Girelli D. Association of endogenous thrombin potential (ETP) with coronary artery disease. An

angiography-based study. *Journal of Thrombosis and Haemostasis* 2009; Volume 7, Supplement 2: Abstract PP-TH-347. XXII Congress of the International Society on Thrombosis and Haemostasis, July 11-16, 2009, Boston, MA, USA.

61. * **Martinelli N**, Olivieri O, Campostrini N, Castagna A, Zaninotto F, Friso S, Pizzolo F, Guarini P, Annarumma L, Busti F, Corrocher R, Girelli D. Association of endogenous thrombin potential (ETP) with coronary artery disease. An angiography-based study. *Internal and Emergency Medicine*, S9, Volume 4 – Supplemento – Ottobre 2009, 110° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 24-27 ottobre 2009.
62. * Girelli D, **Martinelli N**, Olivieri O, Castagna A, Campostrini N, Zaninotto F, Guarini P, Friso S, Pizzolo F, Busti F, Annarumma L, Corrocher R. Elevated D-dimer levels are associated with coronary artery disease and cardiovascular death in an angiographically-studied population. *Internal and Emergency Medicine*, *Internal and Emergency Medicine*, S9, Volume 4 – Supplemento – Ottobre 2009, 110° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 24-27 ottobre 2009.
63. * **Martinelli N**, Lunghi B, Girelli D, Pinotti M, Marchetti G, Bisi M, Olivieri O, Corrocher R, Bernardi F. A common polymorphism in low-density lipoprotein receptor gene is a predictor of factor VIII activity levels and is associated with coronary artery disease. *Internal and Emergency Medicine*, S25, Volume 4 – Supplemento – Ottobre 2009, 110° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 24-27 ottobre 2009.
64. * **Martinelli N**, Girelli D, Friso S, Pizzolo F, Guarini P, Lotto V, Corrocher R, Olivieri O. High plasma apolipoprotein C-III levels predict total and cardiovascular mortality in patients with angiographically defined coronary artery disease. *Internal and Emergency Medicine*, S140, n. 197, Volume 4 – Supplemento – Ottobre 2009, 110° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 24-27 ottobre 2009.
65. Di Lorenzo G, Pacor ML, Mansueto P, **Martinelli N**, Rizzo M, Leto-Barone MS, D'Alcamo A, Politi D, Pepe I, Rini GB, Ditto AM. Evaluation of serum-specific IgE/total IgE ratio in predicting clinical response to allergen specific immunotherapy. 222, XXI World Allergy Congress, December 6-10, 2009 – Buenos Aires, Argentina.
66. Di Lorenzo G, Pacor ML, Mansueto P, Ditta V, **Martinelli N**, Leto-Barone MS, D'Alcamo A, Politi D, Pepe I, La Piana S, Caruso C, Rini GB. Receiver-operating characteristic (ROC) curves: a tool for evaluating the clinical usefulness of eosinophil counts in nasal fluid. 224, XXI World Allergy Congress, December 6-10, 2009 – Buenos Aires, Argentina.
67. Pacor ML, Di Lorenzo G, **Martinelli N**, Corrocher R. The role of probiotics in food allergy. 496, XXI World Allergy Congress, December 6-10, 2009 – Buenos Aires, Argentina.
68. Corrocher G, Di Lorenzo G, **Martinelli N**, Pacor ML. Nickel sulphate intolerance in oral lichen planus. 498, XXI World Allergy Congress, December 6-10, 2009 – Buenos Aires, Argentina.
69. Pacor ML, Corrocher G, Di Lorenzo G, **Martinelli N**, Votzakis P, Corrocher R. Efficacy of treatment with montelukast in patients with asthma due to food additives. 882, XXI World Allergy Congress, December 6-10, 2009 – Buenos Aires, Argentina.

70. Pacor ML, Corrocher G, Di Lorenzo G, **Martinelli N**. Double-blind placebo-controlled challenge with nickel salts in patients affected by recurrent aphthous stomatitis. 883, XXI World Allergy Congress, December 6-10, 2009 – Buenos Aires, Argentina.
71. *# **Martinelli N**, Lunghi B, Girelli D, Pinotti M, Marchetti G, Bisi M, Manzato F, Corrocher R, Olivieri O, Bernardi F. A common polymorphism in LDL-receptor gene is a predictor of factor VIII activity and is associated with coronary artery disease. *Atherosclerosis Supplements*, Vol 11, Abstract 850 - Workshop: Biology of lipoprotein receptors – 78th European Atherosclerosis Society Congress, June 20-23, 2010, Hamburg, Germany.
72. * **Martinelli N**, Annarumma L, Girelli D, Malerba G, Pizzolo F, Friso S, Consoli L, Illig T, Pignatti PF, Corrocher R, Olivieri O. Serum uric acid, but not rs7442295 polymorphism of SCL2A9 gene, predicts total and cardiovascular mortality in severe coronary artery disease. *Atherosclerosis Supplements*, Vol 11, Abstract 857 - Poster Session 21.06.2010 17:30-20:30h – 78th European Atherosclerosis Society Congress, June 20-23, 2010, Hamburg, Germany.
73. *# **Martinelli N**, Annarumma L, Girelli D, Malerba G, Pizzolo F, Friso S, Consoli L, Illig T, Pignatti PF, Corrocher R, Olivieri O. Serum uric acid, but not rs7442295 polymorphism of SCL2A9 gene, predicts total and cardiovascular mortality in advanced coronary artery disease. OC375, A8, *Pathophysiol Haemost Thromb 37 (suppl.1)* (2009-2010). 21st International Congress on Thrombosis, July 6-9, 2010, Milan, Italy.
74. # **Martinelli N**, Girelli D, Trabetti E, Malerba G, Consoli L, Micaglio R, Friso S, Pizzolo F, Pignatti PF, Corrocher R, Olivieri O. PON2 Ser311Cys polymorphism is a predictor of total and cardiovascular mortality in patients with angiographically confirmed coronary artery disease. 4th International Conference on Paraoxonases, September 7-10, 2010, La Pineda, Vilaseca, Catalonia, Spain.
75. **Martinelli N**, Marsillach J, Busti F, Campostrini N, Castagna A, Maestre-Martinez C, Folch A, Joven J, Capelli P, Cataldo I, Olivieri O, Girelli D, Camps J. Altered paraoxonase expression in patients with genetic haemochromatosis. 4th International Conference on Paraoxonases, September 7-10, 2010, La Pineda, Vilaseca, Catalonia, Spain.
76. Consoli L, **Martinelli N**, Girelli D, Micaglio R, Trabetti E, Malerba G, Friso S, Pizzolo F, Pignatti PF, Corrocher R, Olivieri O. PON2 Ser311Cys polymorphism is a predictor of total and cardiovascular mortality in patients with angiographically proven coronary artery disease. Comunicazione orale per malattie cardiovascolari. 111° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 16-19 ottobre 2010, Rome Cavalieri.
77. Busti F, **Martinelli N**, Marsillach J, Campostrini N, Castagna A, Maestre-Martinez C, Folch A, Joven J, Capelli P, Cataldo I, Olivieri O, Camps J, Girelli D. Altered paraoxonase expression in patients with genetic haemochromatosis. *Gastroenterologia ed Epatologia 1 poster n.71*. 111° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 16-19 ottobre 2010, Rome Cavalieri.
78. Friso S, Lotto V, Choi SW, Pizzolo F, Girelli D, Guarini P, Udali S, Pattini P, **Martinelli N**, Corrocher R, Olivieri O. Reduced genomic DNA methylation in peripheral mononuclear cells as an index for the occurrence of cancer disease. *Ematologia poster n. 22*. 111° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 16-19 ottobre 2010, Rome Cavalieri.

79. Pizzolo F, Blom HJ, Choi SW, Girelli D, Guarini P, **Martinelli N**, Stanzial AM, Corrocher R, Olivieri O, Friso S. Ematologia poster n. 27. 111° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 16-19 ottobre 2010, Rome Cavalieri.
80. Annarumma L, **Martinelli N**, Girelli D, Consoli L, Malerba G, Pizzolo F, Friso S, Illig T, Pignatti PF, Corrocher R, Olivieri O. Serum uric acid, but not rs7442295 polymorphism of SCL2A9 gene, predicts total and cardiovascular mortality in severe coronary artery disease. Malattie cardiovascolari 1 poster n. 76. 111° Congresso Nazionale della Società Italiana di Medicina Interna (SIMI), Roma, 16-19 ottobre 2010, Rome Cavalieri.
81. **Martinelli N**, Girelli D, Trabetti E, Malerba G, Consoli L, Micaglio R, Friso S, Pizzolo F, Pignatti PF, Corrocher R, Olivieri O. PON2 Ser311Cys polymorphism is a predictor of total and cardiovascular mortality in patients with angiographically proven coronary artery disease. Comunicazione orale per Infiammazione e Trombosi. XXI Congresso Nazionale Siset (Società Italiana per lo Studio dell'Emostasi e della Trombosi), Bologna, 28-31 ottobre 2010, Palazzo dei Congressi.
82. * Santini V., Girelli D., Sanna A., **Martinelli N.**, Duca L., Campostrini N., Cortelezzi A., Corbella M., Bosi A., Reda G., Cappellini MD. Hcpidin levels and their determinants in different types of Myelodysplastic Syndromes. Blood 2010, Volume 116(21), 1725-1726. 52nd Annual Meeting of the American Society of Hematology (ASH), December 4-7, 2010, Orlando, Florida.
83. * **Martinelli N**, Cigolini D, Sandri M, Girelli D, Ricci G, Rocca G, Olivieri O. Emergency department access rate for venous thromboembolism, cardiovascular and pulmonary disease in relationship with the coarse and fine particulate matter air pollution. Journal of Thrombosis and Haemostasis 2011; Volume 9, Supplement 2: P-MO-319. XXIII Congress of the International Society on Thrombosis and Haemostasis, July 23-28, 2011, Kyoto, Japan.
84. * **Martinelli N**, Girelli D, Grison E, Consoli L, Micaglio R, Trabetti E, Malerba G, Friso S, Pizzolo F, Pignatti PF, Corrocher R, Olivieri O. PON2 Ser311Cys polymorphism is a predictor of total and cardiovascular mortality in patients with angiographically confirmed coronary artery disease. Journal of Thrombosis and Haemostasis 2011; Volume 9, Supplement 2: P-MO-339. XXIII Congress of the International Society on Thrombosis and Haemostasis, July 23-28, 2011, Kyoto, Japan.
85. * **Martinelli N**, Consoli L, Annarumma L, Malerba G, Pizzolo F, Friso S, Illig T, Pignatti PF, Corrocher R, Girelli D, Olivieri O. Serum uric acid, but not rs7442295 polymorphism of SCL2A9 gene, predicts total and cardiovascular mortality in severe coronary artery disease. Journal of Thrombosis and Haemostasis 2011; Volume 9, Supplement 2: P-WE-409. XXIII Congress of the International Society on Thrombosis and Haemostasis, July 23-28, 2011, Kyoto, Japan.
86. *# **Martinelli N**, Olivieri O, Guarini P, Friso S, Pizzolo F, Consoli L, Micaglio R, Busti F, Girelli D. Genetic risk score from GWA studies is strongly associated with angiographically-defined coronary artery disease, but not with mortality in the setting of secondary prevention. Journal of Thrombosis and Haemostasis 2011; Volume 9, Supplement 2: O-TH-144. XXIII Congress of the International Society on Thrombosis and Haemostasis, July 23-28, 2011, Kyoto, Japan.

87. # **Martinelli N.** FADS genotypes beyond lipid metabolism: potential link with inflammation pathways and coronary artery disease. Invited presentation at the 5th Congress of the International Society of Nutrigenetics and Nutrigenomics (ISNN), October 16-18, 2011, Beijing, China.
88. *#**Martinelli N.**, Traglia M., Campostrini N., Biino G., Previtali S., Corbella M., Sala C., Busti F., Masciullo C., Manna D., Buetti I., Pistis G., Olivieri O., Toniolo D., Camaschella C., Girelli D. Serum hepcidin levels correlate with phenotypes of the metabolic syndrome at population level. *Blood* 2011, 118 (21), 164-164. 53rd ASH Annual Meeting and Exposition, December 10-13, 2011, San Diego, CA, USA.
89. **Martinelli N.**, Girelli D., Guarini G., Micaglio R., Consoli L., Tosi F., Pizzolo F., Friso S., Corrocher R., Olivieri O. PON1 activity and markers of coagulation pathway: no association with thrombin generation parameters, but an inverse correlation with D-dimer levels. Fifth International Conference on Paraoxonases, July 15-18, 2012, The Ohio State University, Columbus, Ohio, USA.
90. Consoli L., **Martinelli N.**, Micaglio R., Guarini P., Friso S., Pizzolo F., Campostrini N., Girelli D., Olivieri O. PON1 activity and coagulation biomarkers: no association with thrombin generation parameters, but an inverse correlation with d-dimer plasma concentration. P129, Siset 2012 – XXII CONGRESSO NAZIONALE Siset, October 4-6, 2012, Vicenza, Italy.
91. Micaglio R., **Martinelli N.**, Tosi F., Guarini P., Friso S., Pizzolo F., Consoli L., Campostrini N., Olivieri O., Girelli D. Endogenous thrombin potential, but not d-dimer concentration, is associated with coronary artery disease independently of traditional risk factors, including inflammatory markers. P131, Siset 2012 – XXII CONGRESSO NAZIONALE Siset, October 4-6, 2012, Vicenza, Italy.
92. Consoli L., **Martinelli N.**, Micaglio R., Guarini P., Friso S., Pizzolo F., Campostrini N., Girelli D., Olivieri O. PON1 activity and coagulation biomarkers: no association with thrombin generation parameters, but an inverse correlation with d-dimer plasma concentration. 113° CONGRESSO NAZIONALE della Società Italiana di Medicina Interna (SIMI), 20 - 22 ottobre 2012, Roma, Italy.
93. Micaglio R., **Martinelli N.**, Tosi F., Guarini P., Friso S., Pizzolo F., Consoli L., Campostrini N., Olivieri O., Girelli D. Endogenous thrombin potential, but not d-dimer concentration, is associated with coronary artery disease independently of traditional risk factors, including inflammatory markers. 113° CONGRESSO NAZIONALE della Società Italiana di Medicina Interna (SIMI), 20 - 22 ottobre 2012, Roma, Italy.
94. *#**Guarini P.**, Udali S., Pattini P., Moruzzi S., Girelli D., Pizzolo F., **Martinelli N.**, Olivieri O., Choi SW., Friso S. Global DNA hypomethylation in peripheral blood mononuclear cells as a biomarker of cancer risk. *FASEB Journal* 2013, Vol. 27, Meeting Abstract 248.1. Joint Annual Meeting of the ASPET/BPS at Experimental Biology (EB), April 20-24, 2013, Boston, MA, USA.
95. * Tosi F., **Martinelli N.**, Baroni M., Guarini P., Udali S., Branchini A., Woodhams B., Bernardi F., Olivieri O. “Activated Factor VII: antithrombin complex plasma concentration in subjects with or without angiographically demonstrated coronary artery disease and myocardial infarction”. *Journal of Thrombosis and Haemostasis* 2013; Volume 11, Supplement S2. PA 1.11-1. XXIV Congress of the International Society on Thrombosis and Haemostasis (ISTH), July 1-4, 2013, Amsterdam, Nederland.
96. *# **Martinelli N.**, Girelli D., Baroni M., Guarini P., Tosi F., Pattini P., Woodhams B., Bernardi F., Olivieri O. Activated Factor VII. Antithrombin Complex plasma concentration is an independent predictor of total and cardiovascular mortality in patients with angiographically demonstrated coronary artery disease. *Journal of*

Thrombosis and Haemostasis 2013; Volume 11, Supplement S2. AS 26.2 XXIV Congress of the International Society on Thrombosis and Haemostasis (ISTH), July 1-4, 2013, Amsterdam, Nederland.

97. * Manna D., Zamperin G., Corbella M., Zaninotto F., Badar S., Bozzini P., **Martinelli N.**, Ferrarini A., Giorgetti A., Olivieri O., Delledonne M., Girelli D. Next generation targeted deep sequencing of hemochromatosis genes in iron overload patients: a pilot study. American Journal of Hematology 2013, 88 (5), E218-E219. Fifth Meeting of the International BioIron Society, April 14-18, 2013, London, UK.
98. Sartori F., **Martinelli N.**, Olivieri O., Girelli D. Fever of unknown origin in a patient with diffuse atherosclerotic vascular disease and thoracic aortic graft: from diagnosis to therapeutic approach. 114° CONGRESSO NAZIONALE della Società Italiana di Medicina Interna (SIMI), 26-28 Ottobre 2013, Roma, Italy.
99. * **Martinelli N.**, Girelli D., Baroni M., Guarini P., Tosi F., Pattini P., Woodhams B., Bernardi F., Olivieri O. Activated Factor VII–Antithrombin Complex Plasma Concentration Is An Independent Predictor Of Total and Cardiovascular Mortality In Patients With Coronary Artery Disease and Its Prognostic Significance Is Improved By Using Factor VII Genotype-Specific Threshold Levels. Blood 2013 122:2339. 55th America Society of Hematology (ASH) Annual Meeting and Exposition, December 7-10, 2013, New Orleans, LA, USA.
100. * **Martinelli N.**, Traglia M., Busti F., Sirtori M., Campostrini N., Sala C., Biino G., Masciullo C., Corbella M., Manna D., Pistis G., Castagna A., Olivieri O., Toniolo D., Camaschella C., Girelli D. Iron Status Independently Associates With Bone Mineral Density At Population Level. Insights From The Val Borbera Study. Blood 2013 122:4672. 54 th America Society of Hematology (ASH) Annual Meeting and Exposition, December 7-10, 2013, New Orleans, LA, USA.
101. *# **Martinelli N.**, Girelli D, Baroni M, Guarini P, Tosi F, Lunghi B, Woodhams B, Bernardi F, Olivieri O. Activated factor VII–antithrombin complex plasma concentration is a predictor of total and cardiovascular mortality in patients with coronary artery disease and its prognostic significance is improved by using factor VII genotype-specific threshold levels. 23rd Biennial International Congress on Thrombosis, MLTD Congress, May 14-17, Valencia, Spain.
102. * 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. 23rd Biennial International Congress on Thrombosis, MLTD Congress, May 14-17, Valencia, Spain.
103. *# **Martinelli N**, Girelli D, Tosi F, Sartori F, Marchetti G, Corrocher R, Bernardi F, Olivieri O. High neutrophil and basophil blood counts are associated with increased factor II plasma coagulant activity and may be predictors of mortality in patients with stable coronary artery disease. XXV Congress of the International Society on Thrombosis and Haemostasis (ISTH), June 20-25, 2015, Toronto, Canada.
104. * Sartori F, Tosi F, Lunghi B, Baroni M, Branchini A, Woodhams B, Girelli D, Olivieri O, Bernardi F, **Martinelli N**. Tissue factor and factor VII gene polymorphisms influencing FVIIa-AT plasma concentration are not uniformly associated with mortality in patients with stable coronary artery disease. XXV Congress of the International Society on Thrombosis and Haemostasis (ISTH), June 20-25, 2015, Toronto, Canada.
105. * Baroni M, Branchini A, Tosi F, Sartori F, Campioni M, Puzzo F, Woodhams B, Girelli D, Olivieri O, Bernardi F, **Martinelli N**. High plasma concentration of activated factor VII-antithrombin complex is

associated with an enhanced thrombin generation. XXV Congress of the International Society on Thrombosis and Haemostasis (ISTH), June 20-25, 2015, Toronto, Canada.

106. *# Sartori F, Lunghi B, Tosi F, Scalet D, Baroni M, Marchetti G, Woodhams B, Girelli D, Olivieri O, Bernardi F, **Martinelli N**. Genetic determinants of activated factor VII-antithrombin complex plasma concentration include tissue factor, factor VII and endothelial protein C receptor gene variants. XXV Congress of the International Society on Thrombosis and Haemostasis (ISTH), June 20-25, 2015, Toronto, Canada.
107. * Speziali G, Cecconi D, **Martinelli N**, Olivieri O, Castagna A, Guarini P. Myristic acid plasma levels are strongly correlated with triglyceride and apolipoprotein C-III plasma concentration in a cohort of subjects with or without coronary artery disease. 84th Congress of the European Atherosclerosis Society, May 29 – June 1, 2016, Innsbruck, Austria. *Atherosclerosis*, Vol. 252, e119, doi: 10.1016/j.atherosclerosis.2016.07.633
108. * Chiariello C, Castagna A, **Martinelli N**, Guarini P, Manfredi M, Ranzato E, Martinotti S, Marengo E, Cecconi D, Olivieri O. (2016). Apolipoprotein C-III glycoforms correlate heterogeneously with plasma lipid profile in subjects with coronary artery disease. 84th Congress of the European Atherosclerosis Society, May 29 – June 1, 2016, Innsbruck, Austria. *Atherosclerosis*, vol. 252, e100, doi: 10.1016/j.atherosclerosis.2016.07.568
109. # **Martinelli N**, Girelli D, Tosi F, Sartori F, Marchetti G, Corrocher R, Bernardi F, Luciani GB, Faggian G, Olivieri O. High neutrophil and basophil blood cell counts are associated with increased factor II plasma coagulant activity and may predict total and cardiovascular mortality in patients with stable coronary artery disease. Symposium of the International Atherosclerosis Society – Anitschkow Days, June 2-4, 2016, St. Petersburg, Russia.
110. * Tosi T, Speziali G, Cecconi D, Guarini P, Castagna A, Stefanoni F, Olivieri O, **Martinelli N**. Myristic acid plasma levels are strongly correlated with triglyceride and apolipoprotein C-III plasma concentration in a cohort of subjects with or without coronary artery disease. Oral presentation. 117° Congresso della Società Italiana di Medicina Interna (SIMI). Roma, 14-16 ottobre 2016. *Intern Emerg Med* 2016; 11(Suppl):S22-23.
111. * Stefanoni F, Chiariello C, Castagna A, Guarini P, Tosi F, Manfredi M, Ranzato E, Martinotti S, Marengo E, Cecconi D, **Martinelli N**, Olivieri O. Apolipoprotein C-III glycoforms correlate heterogeneously with plasma lipid profile in subjects with coronary artery disease. Poster 339. 117° Congresso della Società Italiana di Medicina Interna (SIMI). Roma, 14-16 ottobre 2016. *Intern Emerg Med* 2016; 11(Suppl):S179-180.
112. * Stefanoni F, Baroni M, Lunghi B, Castagna A, Ziliotto N, Tosi F, Minguzzi D, Udali S, Woodhams B, Girelli D, Olivieri O, **Martinelli N**, Bernardi F. High plasma concentration of activated factor VII-antithrombin complex is associated with an increased activated factor X generation. XXVI Congress of the International Society on Thrombosis and Haemostasis (ISTH), July 8-13, 2017, Berlin, Germany.
113. * Stefanoni F, Castagna A, Baroni M, Tosi F, Poli G, Lunghi B, Gaino S, Woodhams B, Lippi G, Girelli D, Olivieri O, Bernardi F, **Martinelli N**. A time-course analysis of activated factor VII-antithrombin complex plasma concentration in the follow-up of patients with angiographically-demonstrated coronary artery disease. XXVI Congress of the International Society on Thrombosis and Haemostasis (ISTH), July 8-13, 2017, Berlin, Germany.
114. *# **Martinelli N**, Tosi F, Baroni M, Castagna A, Stefanoni F, Pizzolo F, Bassi A, Pattini P, Lunghi B, Girelli D, Woodhams B, Bernardi F, Olivieri O. Apolipoprotein C-III is a predictor of activated factor VII-

antithrombin complex levels: a new link between plasma lipids and coagulation pathway. XXVI Congress of the International Society on Thrombosis and Haemostasis (ISTH), July 8-13, 2017, Berlin, Germany.

115. Tosi F, Stefanoni F, Baroni M, Lunghi B, Castagna A, Ziliotto N, Minguzzi D, Udali S, Woodhams B, Girelli D, Olivieri O, Bernardi F, **Martinelli N**. High plasma concentration of activated factor VII-antithrombin complex is associated with an increased activated factor X generation. Oral presentation. 118° Congresso della Società Italiana di Medicina Interna (SIMI). Roma, 27-29 ottobre 2017.
116. Stefanoni F, Tosi F, Baroni M, Castagna A, Pizzolo F, Bassi A, Pattini P, Croce J, Lunghi B, Girelli D, Woodhams B, Bernardi F, Olivieri O, **Martinelli N**. Apolipoprotein C-III is a predictor of activated factor VII-antithrombin complex levels: a new link between plasma lipids and coagulation pathway. Oral presentation. 118° Congresso della Società Italiana di Medicina Interna (SIMI). Roma, 27-29 ottobre 2017.
117. Stefanoni F, Castagna A, Baroni M, Tosi F, Poli G, Lunghi B, Gaino S, Woodhams B, Lippi G, Girelli D, Olivieri O, Bernardi F, **Martinelli N**. A time-course analysis of activated factor VII-antithrombin complex plasma concentration in the follow-up of patients with angiographically-demonstrated coronary artery disease. Oral presentation. 118° Congresso della Società Italiana di Medicina Interna (SIMI). Roma, 27-29 ottobre 2017.