

George Papanikolaou

Education

Doctorate of Philosophy (PhD), Genetic Basis of Hereditary Hemochromatosis in Greeks, First Department of Medicine, School of Medicine University of Athens, Athens 2003.

Specialist in Internal Medicine, Department of Pathophysiology & First Department of Medicine, School of Medicine, University of Athens, Athens 2001.

Medical Degree, School of Medicine, Democritian University of Thrace, 1991.

Areas of research

Iron metabolism in humans. Genetics of iron metabolism diseases and hereditary anemias.

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Bibliography (7 out of 21)

1. Gkouvatsos K, Papanikolaou G, Pantopoulos K. Regulation of iron transport and the role of transferrin. *Biochim Biophys Acta*. 2011 Nov 4.
2. Kattamis A, Papassotiriou I, Palaiologou D, Apostolakou F, Galani A, Ladis V, Sakellaropoulos N, Papanikolaou G. The effects of erythropoietic activity and iron burden on hepcidin expression in patients with thalassemia major. *Haematologica*. 2006 Jun;91(6):809-12.
3. Papanikolaou G, Chandrinou H, Bouzas E, Contopoulos-Ioannidis D, Kalotychou V, Prentzas K, Lilakos K, Asproudis I, Palaiologou D, Premetis E, Papassotiriou I, Sakellaropoulos N. Hereditary hyperferritinemia cataract syndrome in three unrelated families of western Greek origin caused by the C39 > G mutation of L-ferritin IRE. *Blood Cells Mol Dis*. 2006 Jan-Feb;36(1):33-40.
4. Papanikolaou G, Samuels ME, Ludwig EH, MacDonald ML, Franchini PL, Dube MP, Andres L, MacFarlane J, Sakellaropoulos N, Politou M, Nemeth E, Thompson J, Risler JK, Zaborowska C, Babakaiff R, Radomski CC, Pape TD, Davidas O, Christakis J, Brissot P, Lockitch G, Ganz T, Hayden MR, Goldberg YP. Mutations in HFE2 cause iron overload in chromosome 1q-linked juvenile hemochromatosis. *Nat Genet*. 2003 Nov 30.
5. Roetto A*, Papanikolaou G*, Politou M, Alberti F, Girelli D, Christakis J, Loukopoulos D, Camaschella C. Mutant antimicrobial peptide hepcidin is associated with severe juvenile hemochromatosis. *Nat Genet*. 2003 Jan;33(1):21-2
 - These authors contributed equally to this work
6. Papanikolaou G, Tzilianos M, Christakis JI, Bogdanos D, Tsimirika K, MacFarlane J, Goldberg YP, Sakellaropoulos N, Ganz T, Nemeth E. Hepcidin in iron overload disorders. *Blood*. 2005 May 15;105(10):4103-5.
7. Papanikolaou G, Politou M, Terpos E, Fourlemadis S, Sakellaropoulos N, Loukopoulos D. Hereditary hemochromatosis: HFE mutation analysis in Greeks reveals genetic heterogeneity. *Blood Cells Mol Dis*. 2000 Apr;26(2):163-8.

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Σπουδές

Διδακτορική διατριβή, Γενετική βάση της Κληρονομικής Αιμοχρωμάτωσης στον Ελληνικό Πληθυσμό, Ερευνητικό Εργαστήριο Α' Παθολογικής Κλινικής, Ιατρικής Σχολής Πανεπιστημίου Αθηνών, Αθήνα 2003.

Ειδικός Παθολόγος, Κλινική Παθολογικής Φυσιολογίας και Α' Παθολογική Κλινική Ιατρικής Σχολής Πανεπιστημίου Αθηνών, Αθήνα 2001.

Πτυχίο Ιατρικής Σχολής, Δημοκριτείου Πανεπιστημίου Θράκης, 1991.

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Κτίριο Γ, γραφείο 2

Ενδεικτικές βιβλιογραφικές αναφορές (7 από 21)

1. Gkouvatsos K, Papanikolaou G, Pantopoulos K. Regulation of iron transport and the role of transferrin. *Biochim Biophys Acta*. 2011 Nov 4.
 2. Kattamis A, Papassotiriou I, Palaiologou D, Apostolakou F, Galani A, Ladis V, Sakellaropoulos N, Papanikolaou G. The effects of erythropoietic activity and iron burden on hepcidin expression in patients with thalassemia major. *Haematologica*. 2006 Jun;91(6):809-12.
 3. Papanikolaou G, Chandrinou H, Bouzas E, Contopoulos-Ioannidis D, Kalotychou V, Prentzas K, Lilakos K, Asproudis I, Palaiologou D, Premetis E, Papassotiriou I, Sakellaropoulos N. Hereditary hyperferritinemia cataract syndrome in three unrelated families of western Greek origin caused by the C39 > G mutation of L-ferritin IRE. *Blood Cells Mol Dis*. 2006 Jan-Feb;36(1):33-40.
 4. Papanikolaou G, Samuels ME, Ludwig EH, MacDonald ML, Franchini PL, Dube MP, Andres L, MacFarlane J, Sakellaropoulos N, Politou M, Nemeth E, Thompson J, Risler JK, Zaborowska C, Babakaiff R, Radomski CC, Pape TD, Davidas O, Christakis J, Brissot P, Lockitch G, Ganz T, Hayden MR, Goldberg YP. Mutations in HFE2 cause iron overload in chromosome 1q-linked juvenile hemochromatosis. *Nat Genet*. 2003 Nov 30.
 5. Roetto A*, Papanikolaou G*, Politou M, Alberti F, Girelli D, Christakis J, Loukopoulos D, Camaschella C. Mutant antimicrobial peptide hepcidin is associated with severe juvenile hemochromatosis. *Nat Genet*. 2003 Jan;33(1):21-2
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6. Papanikolaou G, Tzilianos M, Christakis JI, Bogdanos D, Tsimirika K, MacFarlane J, Goldberg YP, Sakellaropoulos N, Ganz T, Nemeth E. Hepcidin in iron overload disorders. *Blood*. 2005 May 15;105(10):4103-5.
 7. Papanikolaou G, Politou M, Terpos E, Fourlemadis S, Sakellaropoulos N, Loukopoulos D. Hereditary hemochromatosis: HFE mutation analysis in Greeks reveals genetic heterogeneity. *Blood Cells Mol Dis*. 2000 Apr;26(2):163-8.

