Peristera Paschou, PhD, DABMG

Current Position: Assistant Professor of Population Genetics
Department of Molecular Biology and Genetics
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Education

2002-2005 **Diplomate of the American Board of Medical Genetics** (August 2005) - **Clinical Molecular Genetics Specialty**. Yale University School of Medicine, Department of Genetics - Medical Genetics Training Program

2002-2005 Postdoctoral Training, Yale University School of Medicine, Department of Genetics (Supervisor: Kenneth K. Kidd)

1999-2002 National University of Athens, **PhD in Human Genetics**

Thesis: "Molecular Determinants of the Etiology and Pathogenesis of Insulin Dependent Diabetes"

2001 Institut Pasteur, Paris, training visit - study of the genetics of Type 1 Diabetes Mellitus in Greek families

1999-2000 University of Oxford, "Wellcome Trust Centre for Human Genetics" – training in whole genome screening for the identification of disease susceptibility loci

1999 University of Turku – Genetic prediction of Type 1 Diabetes Mellitus

1997-1999 National University of Athens, Faculty of Nursing - MSc

Dissertation: "Genetic Counseling in Type 1 Diabetes Mellitus"

1992-1997 National University of Athens, Faculty of Nursing – BSc

Appointments

2011 Adjunct Investigator, National Institute of Child Health and Human Development, Bethesda, USA

2010-today Assistant Professor of Population Genetics, Democritus University of Thrace, Department of Molecular Biology and Genetics

2005-2010 Lecturer in Population Genetics, Democritus University of Thrace, Department of Molecular Biology and Genetics

2007 Visiting Scientist, Center for Neurobehavioral Genetics, Medical School, University of California Los Angeles, USA (October 2007)

2006 Visiting Specialist, Institute for Human Genetics, University of California San Francisco, USA (June-August, 2006)

2003-2005 Postdoctoral Fellow, Department of Genetics, Yale University School of Medicine, USA

2002-2003 Postdoctoral Associate, Department of Genetics, Yale University School of Medicine, USA

1999-2002 Research Associate, National University of Athens - European Cooperation Project: "Diabetes Prediction and Prevention - DIPP DEMO Project"

1997-1999 Research Associate, National University of Athens - European Cooperation Project: "Genomic map of Insulin Dependent Diabetes Mellitus (IDDM)"

Awards and scholarships

2014 ARISTEIA II – Excellence Award, co-funded by Greece and the European Union

2013 Best poster presentation award, 2013 National Conference of the Hellenic Association of Medical Geneticists, Athens, Greece

2010 Best platform presentation award, 2010 Hellenic Society for Biochemistry and Molecular Biology meeting, Alexandroupoli, Greece

2005 Hellenic Endocrine Society, 1st research grant award

2004 *Paschou et al. Am J Hum Genet 2004* – selected as one of the "Top Ten papers" in 2004 by the Centre of Excellence for Early Childhood Development in Canada

1999 "EURODIAB TIGER: EURope and DIAbetes – Type 1 Genetic Epidemiology Resource" – Training scholarship at the "Wellcome Trust Centre for Human Genetics", University of Oxford

Boards of scientific societies

2011-today **Chair** of the European Society for the Study of Tourette Syndrome (ESSTS)

2011-2012 **Treasurer** of the Board of Directors - Hellenic Association for Medical Genetics

Editorial boards

2009-today Academic Editor - Journal of Medical Genetics

2011-today Review Editor - Frontiers in Evolutionary and Population Genetics

2012-today Academic Editor - PLOS ONE

Funding

2014-2015 Principal Investigator – *"GENOMAP.GR:* A genomic reference map of Greece. Studying the structure and history of Greek sub-populations and the Hellenic diaspora.*"* – EXCELLENCE AWARD - ARISTEIA II – Co-funded by Greece and the European Union, NSRF - **€165,000**

2014-2015 Principal Investigator – *"TSGeneExpress:* Investigating the role of the histaminergic pathway in the etiology of Gilles de la Tourette Syndrome." – Greece-France Bilateral Cooperation Program – Co-funded by Greece and the European Union, NSRF - **€30,000**

2012-2016 Principal Investigator – *"TS-EUROTRAIN: Interdisciplinary training network for Tourette Syndrome; structuring European Training capacities for neurodevelopmental disorders."* – European Committee FP7-PEOPLE, Marie Curie Initial Training Network - **€3,000,000 – *http://ts-eurotrain.eu***

2012-2015 Principal Investigator – *"The genetic architecture of Type 2 Diabetes Mellitus in the Greek Population; Susceptibility, management, and prediction of complications"* – THALIS program, Co-funded by Greece and the European Union, NSRF - **€599,800 – *http://gr-diagenes.eu***

2011-2015 Work-Package Leader – "*European Multicentre Tics in Children Study*" – European Committee FP7-HEALTH, Cooperation - **€6,000,000 (EU contribution for Dr. Paschou's WP: €746,941) – *http://emtics.eu***

2010-2014 Principal Investigator – *"European Network for the Study of Gilles de la Tourette Syndrome"* – COST office – European Cooperation in Science and Technology - **€400,000 – *http://tourette-eu.org***

2009-2010 Principal Investigator – *"Genetics of Tourette Syndrome. The Southern and Eastern Europe initiative"* – Tourette Syndrome Association Research Grant Award - **$74,970 – *http://tsgenesee.mbg.duth.gr***

2008-2009 Principal Investigator – *"Genetics of Tourette Syndrome. The Southern and Eastern Europe initiative"* – Tourette Syndrome Association Research Grant Award - **$74,655**

2008-2012 Work-Package Deputy Leader – *"Strengthening regional bioresearch potential in Greece. Advanced performance at the Department of Molecular Biology and Genetics in Thrace"* – European Commission, Seventh Framework Program - **€1,000,000**

2004-2005 Principal Investigator – *"Fine mapping of 17q25 and other candidate susceptibility regions for Tourette Syndrome"* – Tourette Syndrome Association Research Grant Award **- $73,308**

2003-2004 Principal Investigator – *"Fine mapping of 17q25 as a candidate susceptibility region for Tourette Syndrome"* – Tourette Syndrome Association Fellowship Award - **$40,000**

Research interests

- Complex human traits, population genetics and genomics, mapping disease susceptibility loci across worldwide populations, whole genome studies, data analysis and algorithm development
    - Discerning ancestry-specific genetic risk in diverse populations
    - Genetic basis of childhood psychiatric disorders
    - Genetic basis of type 1 and type 2 diabetes mellitus
- Human population genetic structure, development of algorithms for the identification of population structure from genomewide data/ancestry informative markers, applications in genetic association studies and evolutionary genetics
- Linkage disequilibrium patterns across worldwide human populations, genomic architecture
- Clinical Molecular Genetics, Translational Genomics

Invited talks and platform presentations

1. *Opportunities and challenges for genomics research in Greece*. MIT Enterprise Forum Greece: Entrepreneurship and Innovation in Genomics and Biotechnology, Athens, Greece, 2013
2. *The genetic basis of Gilles de la Tourette Syndrome.* 2012 Annual Meeting of the European Society for the Study of TS, Catania, 2012.
3. *Investigating the genetic basis of Tourette Syndrome in European Populations. A multinational initiative.* World Congress for Psychiatric Genetics, Washington DC, 2011.
4. *The genetic structure of the Greek population in comparison with the European reference populations from the HapMap project.* Hellenic Society for Biochemistry and Molecular Biology, Alexandroupoli, 2010.
5. *The genetic basis of Gilles de la Tourette Syndrome.* XLIII Congress of Polish Psychiatrists, Poznan, Poland, 2010.
6. *Pan-European (and global) initiatives for the study of Tourette Syndrome*. 3rd meeting of the European Society for the Study of Tourette Syndrome, Dresden, Germany, 2009.
7. *An update on the genetics of Tourette Syndrome.* 2nd meeting of the European Society for the Study of Tourette Syndrome, Budapest, Hungary, 2009.
8. *Genetics of Gilles de la Tourette.* Sismanoglio General Hospital of Attica, Athens, Greece, 2009.
9. *Genetics of Gilles de la Tourette Syndrome.* 6th Panhellenic Conference of Child Psychiatry, Athens, Greece, 2009.
10. *Population structure via Principal Components Analysis*. University of California Los Angeles, Los Angeles, USA, 2007.

11. *PCA-correlated SNPs for structure identification in human worldwide populations*. Biomedical Research Foundation, Academy of Athens, Athens, Greece, 2007.
12. Paschou P, Mahoney M, Pakstis A, Kidd JR, Kidd KK, Drineas P. *Inter- and intrapopulation genotype reconstruction from tagging SNPs*. 56th Annual meeting of the American Society of Human Genetics, New Orleans, USA, 2006.
13. *Selection of genetic markers for complex trait association studies in worldwide populations*. 1st International Congress of Clinical and Molecular Genetics, Alexandroupoli, Greece, 2006.
14. *Studying Human Genetic Variation*. Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Alexandroupoli, Greece, 2005.
15. *Urea Cycle Disorders*. Clinical Genetics Rounds, Department of Genetics, Yale University, New Haven, USA, 2004.
16. *Genetic mapping of multifactorial disease*. Genetics Symposium, National University of Athens, Athens, Greece, 2000.

International cooperation research programs

2012-2016 Coordinator of TS-EUROTRAIN: Interdisciplinary training network for Tourette Syndrome; structuring European Training capacities for neurodevelopmental disorders." – Marie Curie Initial Training Network

2011-2015 Work package leader - «European Multicenter Tics in Children Study» FP7-HEALTH.

2010-2014 Chair of the "European Network for the Study of Gilles de la Tourette Syndrome" (Multidisciplinary consortium of investigators from 20 European countries – Funded by *COST – European Cooperation in Science and Technology*)

2009-today Steering Committee Member of the international research project «GGRI - Gilles de la Tourette Syndrome Genome Wide Association Study Replication Initiative» (PI: Prof. David Pauls, Harvard University Medical School, Funded by the *National Institute of Neurological Disorders and Stroke, USA*)

2008-today Coordinator of the international research project «Tourette Syndrome Genetics. The Southern and Eastern Europe Initiative» (Scientific network of investigators from seven European countries – Funded by the *Tourette Syndrome Association, USA*)

Scientific meetings – organizing committees

2014 Chair of the Program and Organizing Committee, Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, France, 2014 (http://tourette-eu.org)

2013 Chair of the Program and Organizing Committee, Annual Meeting of the European Society for the Study of Tourette Syndrome, Athens, Greece, 2013

2012 Chair of the Program and Organizing Committee, Annual Meeting of the European Society for the Study of Tourette Syndrome, Catania, Italy, 2012

2008 Program Committee Chair – International workshop «The Genetic basis of Gilles de la Tourette Syndrome», Athens, November 18, 2008

2001 Organizing Committee Member – 11th International Clinical Genetics Seminar:"The genetics of Diabetes Mellitus", Heraklion, June 9-14 2001.

Teaching

2006-today Supervisor of 12 senior year theses at the Dept. of Molecular Biology and Genetics, Democritus University of Thrace

2005-today Genetics I, undergraduate course, Dept. of Molecular Biology and Genetics, Democritus University of Thrace (fall 2005- 2007, spring 2008-2013)

2005-today Population and Evolutionary Genetics, undergraduate course, Dept. of Molecular Biology and Genetics, Democritus University of Thrace (spring 2005- 2008, fall 2009-2013)

PhD Committees

1. John Alexander, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (Supervisor)
2. Shanmukha Sampath, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (Supervisor)
3. Fotis Tsetsos, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (Supervisor)
4. Iordanis Karagiannidis, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (Supervisor)
5. Emanouela Vogiatzi, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (graduated in 2012) (Supervisor)
6. Eleni Liva, School of Medicine, National University of Athens, Greece (Supervisory Committee Member)
7. Matina Simeonidi, School of Medicine, National University of Athens, Greece (Supervisory Committee Member)
8. Penelope Mavromattidou, School of Medicine, Democritus University of Thrace, Greece (Committee Member)

9. Jamey Lewis, Dept. of Computer Science, Rensselaer Polytechnic Institute, USA (graduated in 2010) (Supervisory Committee Member)
10. Loukas Damianos, School of Medicine, Democritus University of Thrace, Greece (graduated in 2009) (Committee Member)
11. Chrysi Tsikrikoni, Dept. of Agricultural Development, Democritus University of Thrace, Greece (graduated in 2009) (Committee Member)
12. Asif Javed, Dept. of Computer Science, Rensselaer Polytechnic Institute, USA (graduated in 2008) (Supervisory Committee Member)

Publications in international journals

1. Tümer Z, Bertelsen B, Melchior L, Jensen L, Groth C, Glenthøj B, Rizzo R, Mol Debes N, Skov L, Brøndum-Nielsen K, **Paschou P**, Silahtaroglu A (2014). Intragenic deletions affecting two alternative transcripts of the *IMMP2L* gene in patients with Tourette syndrome. *European Journal of Human Genetics*, in press **(IF: 4.32)**
2. Hughey JR, **Paschou P**, Drineas P, Mastropaolo D, Lotakis DM, Navas PA, Michalodimitrakis M, Stamatoyannopoulos JA, Stamatoyannopoulos G (2013). A European Population in the Minoan Bronze Age Crete. *Nature Communications*, 4: 1861 **(IF: 10.01)**
3. Karagiannidis I, Dehning S, Sandor P, Tarnok Z, Rizzo R, Wolanczyk T, Madruga-Garrido M, Hebebrand J, Nöthen MM, Lehmkuhl G, Farkas L, Nagy P, Szymanska U, Anastasiou Z, Stathias V, Androutsos C, Tsironi V, Koumoula A, Barta C, Zill P, Mir P, Müller N, Barr C, **Paschou P** (2013). Support of the histaminergic hypothesis in Tourette syndrome: association of the histamine decarboxylase gene in a large sample of families. *J Med Genet* 50(11):760-764. (**IF: 5.70) Editor's choice**
4. **Paschou P** (2013). The genetic basis of Gilles de la Tourette Syndrome. *Neurosci Biobehav Rev*, 37(6):1026-39. **(IF: 9.44)**
5. Rickards HE, **Paschou P**, Rizzo R, Stern JS (2013). A brief history oft he European Society for the Study of Tourette Syndrome. *Behav Neurol*, 27(1):3-5. **(IF: 1.25)**
6. Stathias V, Sotiris G, Karagiannidis I, Bourikas G, Martinis G, Papazoglou D, Tavridou A, Papanas N, Maltezos E, Theodoridis M, Vargemezis V, Manolopoulos VG, Speed WC, Kidd JR, Kidd KK, Drineas P, **Paschou P** (2012). Exploring genomic structure differences and similarities between the Greek and European HapMap populations; implications for association studies. *Annals of Human Genetics*, 76(6): 472-483 **(IF: 2.21)**
7. **Paschou P**, Stylianopoulou E, Karagiannidis I, Rizzo R, Tarnok Z, Wolanczyk T, Hebebrand J, Nöthen MM, Lehmkuhl G, Farkas L, Nagy P, Szymanska U, Lykidis D, Androutsos C, Tsironi V, Koumoula A, Barta C, Klidonas S, Ypsilantis P, Simopoulos C, See T, Skavdis G, Grigoriou M (2012). Evaluation of the LIM homeobox genes LHX6 and LHX8 as candidates for Tourette Syndrome. *Genes Brain Behav,* 11 (4)*: 444-451* (**IF: 3.59)**

8. Karagiannidis I, Rizzo R, Tarnok Z, Wolanczyk T, Hebebrand J, Noethen MM, Lehmkuhl G, Farkas L, Nagy P, Barta C, Szymanska U, Panteloglou G, Miranda DM, Feng Y, Sandor P, Barr C, **Paschou P**. The most common worldwide haplotype across SLITRK1 is associated with Tourette Syndrome in a large sample of families. *Molecular Psychiatry* 17(7): 665-668 (**IF: 14.89)**

9. Iordanidou M, Paraskakis E, Tavridou A, **Paschou P**, Chatzimichael A, Manolopoulos VG (2012). G894T polymorphism of eNOS gene is a predictor of response to combination of inhaled corticosteroids with long-lasting β(2)-agonists in asthmatic children. *Pharmacogenomics* 13(12):1363-1372 **(IF: 3.85)**

10. Donnelly MP, **Paschou P**, Grigorenko E, Gurwitz D, Barta C, Lu RB, Zhukova OV, Kim JJ, Siniscalco M, New M, Li H, Kajuna S, Manolopoulos VG, Speed WC, Pakstis AJ, Kidd JR, Kidd KK (2012). A global view of the OCA2-HERC2 region and pigmentation. Human Genetics 131(5): (683-696) (**IF: 4.63)**

11. Javed A, Drineas P, Mahoney MW, **Paschou P** (2011). Efficient genomewide selection of PCA-correlated tSNPs for genotype imputation. *Annals of Human Genetics* 75(6):707-722 (**IF: 2.21)**

12. Lewis J, Abas Z, Dadousis C, Lykidis D, **Paschou P**, Drineas P (2011). Tracing Cattle Breeds With PCA-based Ancestry Informative SNPs. *PLoS ONE* 6(4):e18007. (**IF: 3.73**)

13. Müller-Vahl KR, Cath DC, Cavanna AE, Dehning S, Porta M, Robertson MM, Visser-Vandewalle V; ESSTS Guidelines Group (2011). European clinical guidelines for Tourette syndrome and other tic disorders. Part IV: deep brain stimulation. *Eur Child Adolesc Psychiatry* 20(4):209-217. (**IF: 3.69**)

14. Verdellen C, van de Griendt J, Hartmann A, Murphy T; ESSTS Guidelines Group (2011). European clinical guidelines for Tourette syndrome and other tic disorders. Part III: behavioural and psychosocial interventions. *Eur Child Adolesc Psychiatry* 20(4):197-207. (**IF: 3.69**)

15. Roessner V, Plessen KJ, Rothenberger A, Ludolph AG, Rizzo R, Skov L, Strand G, Stern JS, Termine C, Hoekstra PJ; ESSTS Guidelines Group (2011). European clinical guidelines for Tourette syndrome and other tic disorders. Part II: pharmacological treatment. *Eur Child Adolesc Psychiatry* 20(4):173-196. (**IF: 3.69)**

16. Cath DC, Hedderly T, Ludolph AG, Stern JS, Murphy T, Hartmann A, Czernecki V, Robertson MM, Martino D, Munchau A, Rizzo R; ESSTS Guidelines Group (2011). European clinical guidelines for Tourette syndrome and other tic disorders. Part I: assessment. *Eur Child Adolesc Psychiatry* 20(4):155-171. (**IF: 3.69**)

17. **Paschou P**, Lewis J, Javed A, Drineas P (2010). Ancestry informative markers for fine-scale individual assignment to worldwide populations. *Journal of Medical Genetics* 47, 835-847. (**IF: 5.70) Editor's choice**

18. Drineas P, Lewis J, **Paschou P.** Inferring Geographic Coordinates of Origin for Europeans using Small Panels of Ancestry Informative Markers. *PLoS ONE* 5(8): e11892. (**IF: 3.73**)

19. **Paschou P**, Kukuvitis A, Yavropoulou M, Dritsoula A, Giapoutzidis V, Anastasiou O, Kazakos K. Yovos JG (2010). Genetic variation in the visfatin (PBEF1/NAMPT) gene and type 2 diabetes in the Greek population. *Cytokine*, 51, 25-27. . (**IF: 2.51)**
20. Donnelly MP, **Paschou P**, Grigorenko E, Gurwitz D, Mehdi SQ, Kajuna SL, Barta C, Kungulilo S, Karoma NJ, Lu RB, Zhukova OV, Kim JJ, Comas D, Siniscalco M, New M, Li P, Li H, Manolopoulos VG, Speed WC, Rajeevan H, Pakstis AJ, Kidd JR, Kidd KK (2010). The distribution and most recent common ancestor of the 17q21 inversion in humans. *Am J Hum Genet* 86, 161-171. (**IF: 11.20)**
21. **Paschou P**, Drineas P, Lewis J, Nievergelt CM, Nickerson DA, Smith JD, Ridker PM, Chasman DI, Krauss RM, Ziv E (2008). Tracing sub-structure in the European American population with PCA-informative markers. *PLoS Genetics* 4:e1000114. (**IF: 8.51)**
22. **Paschou P**, Ziv E, Burchard EG, ChoudryS, Rodriguez-Cintron W, Mahoney MW, Drineas P (2007). PCA-correlated SNPs for structure identification in worldwide human populations*.* *PLoS Genetics* 3, e160. . (**IF: 8.51)**
23. **Paschou P**, Mahoney M, Pakstis A, Kidd JR, Kidd KK, Drineas P (2007). Inter- and intrapopulation genotype reconstruction from tagging SNPs. *Genome Research* 17, 96-107. (**IF: 14.39)**
24. **Paschou P**, Feng Y, Pakstis AJ, Speed WC, DeMille MM, Kidd JR, Jaghori B, Kurlan R, Pauls DL, Sandor P, Barr CL, Kidd KK (2004). Indications of linkage and association of Gilles de la Tourette syndrome in two independent family samples: 17q25 is a putative susceptibility region. *Am J Hum Genet* 75,545-560. (**IF: 11.20)**
25. Palmatier MA, Pakstis AJ, Speed W, **Paschou P**, Goldman D, Odunsi A, Okonofua F, Kajuna S, Karoma N, Kungulilo S, Grigorenko E, Zhukova OV, Bonne-Tamir B, Lu RB, Parnas J, Kidd JR, DeMille MM, Kidd KK (2004). COMT haplotypes suggest P2 promoter region relevance for schizophrenia. *Mol Psychiatry* 9, 859-870. **(IF: 14.89)**
26. **Paschou P**, Malamitsi A, Bozas E, Havarani B, Dokopoulou M, Bartsocas CS (2004). HLA alleles and Type 1 Diabetes in low disease incidence populations of Southern Europe; a comparison of Greeks and Albanians. *Journal of Pediatric Endocrinology and Metabolism* 17, 173-182. (**IF: 0.74)**
27. Hermann R, Bartsocas CS, Soltesz G, Vazeou A, **Paschou P**, Bozas E, Malamitsi-Puchner A, Simell O, Knip M, Ilonen J (2004). Genetic screening for individuals at high risk for type 1 diabetes in the general population using HLA Class II alleles as disease markers. A comparison between three European populations with variable rates of disease incidence. *Diabetes Metab Res Rev* 20,322-329. (**IF: 2.97)**
28. Ilonen J, Sjoroos M, Knip M, Veijola R, Simell O, Akerblom HK, **Paschou P**, Bozas E, Havarani B, Malamitsi-Puchner A, Thymelli J, Vazeou A, Bartsocas CS (2002). Estimation of genetic risk for type 1 diabetes. *Am J Med Genet* 115, 30-36. (**IF: 4.44)**

Total number of citations: 487 (Google Scholar)

Full papers published in proceedings of international conferences after peer review

1. Lewis J, Abas Z, Dadousis C, Lykidis D, **Paschou P**, Drineas P. Tracing The Origin Of Cattle Breeds With PCA-based Ancestry Informative SNPs. 9th World Congress on Genetics Applied to Live Stock Production, August 2010.
2. Javed A, **Paschou P**. Extracting tagging SNPs from genome-wide datasets. Data Mining for Biomedical Informatics, workshop held in conjunction with 7th SIAM Conference on Data Mining, April 2007.

Book chapters

1. **Paschou P**, Fernandez TV, Sharp F, Heiman GA, Hoekstra PJ. Genetic susceptibility and neurotransmitters in Tourette syndrome. Int Rev Neurobiol. 2013;112:155-177.
2. **Paschou P**, Hoekstra P, Heiman GA. Genetics of Tourette Syndrome. In LeDoux M. Movement Disorders, Elsevier (in press).
3. Vazaiou A, **Paschou P,** Bartsocas CS. Prediction of Type 1 Diabetes. In Melidonis A. Predicting Diabetes and its complications, p 21-62, Athens 2001 (in Greek).

Textbooks - scientific editing (Greek editions)

1. Scientific editor of Greek edition - iGenetics. A Mendelian Approach. P.J. Russell. Academic Publishing 2009
2. Scientific editor of Greek edition - Pharmacogenomics: Social, Ethical, and Clinical Dimensions. M.A. Rothstein. Parisianos Scientific Publishing 2008
3. Scientific editor of Greek edition - Evolution. N.H. Barton, D.E.G. Briggs, J.A. Eisen, D.B. Goldstein, N.H. Patel. Utopia Publishing (in press)

Abstracts presented at international conferences

1. Karagiannidis I, Potamianou H, Heiman G, Deng L, Xing J, Sun N, Nasello C, Sandor P, Barr C, **Paschou P**. Investigating the role of the Histidine Decarboxylase Gene in Tourette Syndrome etiology. . Annual Meeting of the American Society of Human Genetics, Washington, October 22-26, 2013
2. **Paschou P** and the Tourette Syndrome Genetics Southern and Eastern Europe Initiative. Pan-European Initiatives for the study of the genetics of Tourette Syndrome. XVIIIth World Congress on Psychiatric Genetics, Washington, September 10-14, 2011.
3. Horvath A, Alexandre RB, Saloustros E, Wassif C Manning A, **Paschou P**, Briasoulis P, Sigh S, Epstein J, Levi I, Neimela J, Oliveira JB, Carney JA, Porter FD, Stratakis CA. Tumor exome sequencing in patients with isolated bilateral Micronodular Adrenocortical Disease identifies pathogenic somatic and germline mutations. 12th International Congress of Human Genetics, Montreal, October 11-15, 2011.

4. Bowen BMP, Kosmaczewski S, Powers N, **Paschou P**, Speed WC, Gruen JR, Kidd KK. Haplotype Diversity and Linkage Disequilibrium of the Dyslexia Candidate Gene *DCDC2* in 90 Populations: Patterns for Alphabetic and Logographic Languages. 12th International Congress of Human Genetics, Montreal, October 11-15, 2011.
5. **Paschou P**, Karagiannidis I, Tsirigoti A, Stampoliou A, Papadopoulou V, Manolopoulos VG, Kidd JR, Kidd KK, Drineas P. Evaluation of the HapMap dataset as reference for the Greek population. 60th Annual Meeting of the American Society of Human Genetics, Washington, November 2-6, 2010
6. **Paschou P**, Lewis J, Drineas P. Accurate inference of individual ancestry geographic coordinates within Europe using small panels of genetic markers, 59th Annual Meeting of the American Society of Human Genetics, Honolulu, October 20-24, 2009.
7. **Paschou P**, Lewis J, Javed A, Drineas P. Using principal components analysis to identify candidate genes for natural selection, 58th Annual Meeting of the American Society of Human Genetics, Philadelphia, November 11-15, 2008.
8. **Paschou P**, Ziv E, Burchard EG, Choudry S, Rodriguez-Cintron W, Mahoney MW, Drineas P. PCA-correlated SNPs for structure identification in worldwide human populations. 57th Annual Meeting of the American Society of Human Genetics, San Diego, October 23-27, 2007.
9. **Paschou P**, Mahoney M, Pakstis A, Kidd JR, Kidd KK, Drineas P. Inter- and intrapopulation genotype reconstruction from tagging SNPs. 56th Annual Meeting of the American Society of Human Genetics, New Orleans, October 9-13, 2006.
10. Rivière JB, Díaz-Anzaldúa a, Joober R, Dion Y, Lespérance P, Richer F, Chouinard S, **Paschou P**, Rouleau GA. Replication of association between Tourette Syndrome and 17q25 in the French Canadian population. XIIIth World Congress of Psychiatric Genetics, Boston October 14-18, 2005.
11. **Paschou P**, Feng Y, Pakstis AJ, Speed WC, DeMille MM, Kidd JR, Jaghori B, Kurlan R, Pauls DL, Sandor P, Barr CL, Kidd KK. 17q25 is a candidate susceptibility region for TS: a study of two independent family samples. 54th Annual Meeting of the American Society of Human Genetics, Toronto, October 26-30, 2004.
12. **Paschou P**, Feng Y, Pakstis AJ, Speed WC, DeMille MM, Kidd JR, Jaghori B, Kurlan R, Pauls DL, Sandor P, Barr CL, Kidd KK. 17q25 implicated in Tourette syndrome susceptibility: a study of two independent family samples. TSA Fourth International Scientific Symposium, Cleveland, June 25-27, 2004.
13. Mukherjee N, **Paschou P**, de Mille M et al. Out of Africa hypothesis supported by variation at CD4 and DM1. Am J Hum Genet 73 (Supplement), 2003: 188.
14. **Paschou P**, Pakstis AJ, De Mille M et al. Fine mapping of 17q25 as a candidate susceptibility region for Tourette Syndrome. Am J Hum Genet 73 (Supplement), 2003: 535.

15. **Paschou P**, Pakstis AJ, De Mille M et al. 17q25 is supported as a candidate susceptibility locus for Gilles de la Tourette Syndrome. Am J Med Genet (Neuropsychiatric Genetics) 122B, 2003: 156.
16. Ilonen J, Sjöroos M, Nejejtsev S, Knip M, Simell O, **Paschou P** et al. Genetic screening for type 1 diabetes risk in Finnish and Greek populations – stepwise typing for three class II HLA loci. Diabetes Metabolism Research and Reviews 17 (Suppl 1), 2001: S25.
17. Bartsocas CS, Malamitsi-Puchner A, Sjöroos M, **Paschou P** et al. Greek and Albanian cord blood comparison of IDDM related DQB1 alleles. Ped Res 49, 2001: 309.

Abstracts presented at Pan-Hellenic conferences

1. Trivizakis G, Karagiannidis I, Papanas N, Theodoridis M, Papazoglou D, Maltezos E, Vargemezis V, **Paschou P**. Worldwide variation across TCF7L2; Implications for Type 2 Diabetes susceptibility around the world. 63rd Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens-Greece, November 9-11, 2012.
2. Athousaki A, Liva E, Palikyras S, Potamianou H, Ligda P, Karagiannidis I, Panagiotou I, Mystakidou K, **Paschou P**. Investigation of the Growth/Differentiation Factor 5 gene in association with osteoarthritis of the spine in the Greek population. 63rd Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens-Greece, November 9-11, 2012.
3. Anastasiou Z, Stathias V, Karagiannidis I, Ligda P, Mir P, TSGeneSEE Consortium, **Paschou P**. Investigation of the HDC gene in association with Gilles de la Tourette Syndrome in populations from Southern and Eastern Europe. 34th Conference of the Hellenic Society for Biological Sciences, Trikala-Greece, May 17-19, 2012.
4. Sotiris G, Aslanidou P, Grigoriou E, Papasotiriou S, Stathias V, Karagiannidis I, **Paschou P**. The genetic structure of schizophrenia associated genes in 11 HapMap populations. 34th Conference of the Hellenic Society for Biological Sciences, Trikala-Greece, May 17-19, 2012.
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10. Bozas E, Sjöroos M, **Paschou P** et al. The genetic basis of IDDM incidence differences in Greece and FInland. 22nd Conference of the Hellenic Society for Biological Sciences, 2000.

University Committees service

2013-today Master's Program Committee Member: "Translational Research in Molecular Biology and Genetics", Democritus University of Thrace

2007-today Research Ethics Committee, Democritus University of Thrace

2007-2009 Code of Research Ethics Editorial Committee, Democritus University of Thrace

Foreign languages

1996 Certificate of Proficiency in French (Sorbonne 2 - Institut Français d' Athènes)

1995 Certificate of Proficiency in German (Großes Deutsches Sprachdiplom - Goethe Institut)

1988 Certificate of Proficiency in English (University of Cambridge)

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American Journal of Human Genetics
Journal of Medical Genetics
Molecular Biology and Evolution
PLOS ONE
Annals of Human Genetics
American Journal of Medical Genetics
Journal of Human Genetics
Bioinformatics
Briefings in Bioinformatics
Molecular Ecology Resources
Archives of Oral Biology
British Journal of Clinical Pharmacology

Scientific Societies - Membership

European Society for the Study of Tourette Syndrome **(Chair 2011-2014)**
Hellenic Association of Medical Geneticists **(Treasurer 2011)**
American Society of Human Genetics
European Society of Human Genetics
International Society for Psychiatric Genetics

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