

Peristera Paschou, PhD, DABMG

Current Position: Associate Professor
Dept of Biological Sciences
Purdue University

E-mail: ppaschou@purdue.edu

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 fellowship - study of the genetics of Type 1 Diabetes Mellitus in Greek families

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

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

2019-today Associate Dean for Online and Graduate Education, College of Science, Purdue University

2016-today Associate Professor, Purdue University, Department of Biological Sciences (with Tenure)

2014-2016 Associate Professor of Population Genetics, Democritus University of Thrace, Department of Molecular Biology and Genetics (with Tenure)

2010-2014 Assistant Professor of Population Genetics, Democritus University of Thrace, Department of Molecular Biology and Genetics

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

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 Honors

- 2019** Showalter Faculty Scholar, Purdue University
- 2015** Latsis Foundation Award – 2015 Scientific Studies by Young Researchers
- 2014** Excellence Career Award – ARISTEIA II – co-funded by Greece and the European Union
- 2010** 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 – "Wellcome Trust Centre for Human Genetics", University of Oxford

Boards of scientific societies

- 2014-2017** **Officer** of the European Society for the Study of Tourette Syndrome (ESSTS)
- 2011-2014** **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

- 2015** Editor – Frontiers Research Topic: The Genetic Basis and Neurobiology of Tourette Syndrome (33 articles included)
- 2012-today** Academic Editor - PLOS ONE
- 2009-today** Academic Editor - Journal of Medical Genetics
- 2011-today** Review Editor - Frontiers in Evolutionary and Population Genetics

Funding

- 2019-2024** **MPI - Principal Investigator** – NINDS RO1 – Collaborative studies on the genetics and epigenetics of Tourette Syndrome

- 2017-2020 Principal Investigator** - NSF CISE/IIS/III Core - III: Small: Novel Statistical Data Analysis Approaches for Mining Human Genetics Datasets – **\$500,000**
- 2011-2018 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>
- 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>
- 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**
- 2012-2015 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>
- 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**

Submitted grants since Purdue appointment in August 2016 – (pending or not funded)

1. Role PI – NIMH RO1 – International collaborative study on brain structure and function across neurodevelopmental childhood disorders (Pending review)
2. Role PI – NIMH UO1 – Genetic architecture of psychiatric disorders in children with rare syndromes (Pending review)
3. Role PI - Joint NSF-NIH - QuBBD: Advanced multivariate statistical tests and integrative analysis for large-scale omics data in studies of Tourette Syndrome and related neurodevelopmental disorders (was ranked as competitive but not funded in the end)
4. Role Co-Investigator - RO3 - Systematic Approach to Reveal Whole-Genome Gene Regulation) in collaboration with Purdue Statistics (not funded).
5. Role PI - NIA RO1 (PAR-15-357: Understanding the shift from healthy brain aging to neurodegeneration: a multiomics study of the Vienna Trans-Danube Aging Brain Bank (was scored twice but not funded – currently working on re-designing the concept)

Expert Evaluator

- 2014** European Commission, call **Horizon 2020-PHC-2014-two-stage-Stage 1**
2014 European Commission, call **Horizon 2020-PHC-2014-two-stage-Stage 2**
2015 European Commission, call **Horizon 2020-PHC-2015-two-stage-Stage 1**

International cooperation research programs

- 2017-today** Chair of ENIGMA-TS Working Group: Enhancing Neuroimaging Genetics through meta-analysis for Tourette Syndrome.
(<http://enigma.ini.usc.edu/ongoing/enigma-ts/>)
- 2012-2016** Coordinator of TS-EUROTRAIN: Interdisciplinary training network for Tourette Syndrome; structuring European Training capacities for neurodevelopmental disorders.” – Marie Curie Initial Training Network (<http://ts-eurotrain.eu>)
- 2011-2015** Work package leader - «European Multicenter Tics in Children Study» FP7-HEALTH. (<http://emtics.eu>)
- 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*) (http://www.cost.eu/COST_Actions/bmbs/BM0905)
- 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*) (<http://tsgenesee.mbg.duth.gr/>)

Scientific meetings – organizing committees

- 2017** Proposer and Co-Chair of Symposium at XXVth World Congress for Psychiatric Genetics: Genetics of Gilles de la Tourette Syndrome: Accelerating discoveries through large-scale collaborative efforts. Orlando, USA, October 2017
- 2017** Member of the Program and Organizing Committee, Annual Meeting of the European Society for the Study of Tourette Syndrome, Seville, Spain, 2017
- 2016** Member of the Program and Organizing Committee, Annual Meeting of the European Society for the Study of Tourette Syndrome, Warsaw, Poland, 2016
- 2015** Co-Chair of Scientific Committee, 1ST World Congress on Tourette Syndrome and Tic Disorders, 2015
- 2014** Chair of the Program and Organizing Committee, Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, France, 2014
- 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
- 2011** Chair of Program and Organizing Committee, International workshop on “Planning the future of Tourette Syndrome Genetics Studies”, Amsterdam, December 14, 2011
- 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.

Leadership at Purdue University

- 2019** **Associate Dean for Online and Graduate Education, College of Science**
- 2018-2019** **Inaugural Frederick L. Hovde Dean’s Fellow**
- Worked under the mentorship of the Dean and Associate Deans to support strategic initiatives at the Purdue College of Science
 - Developed a core of online course modules aiming to prepare graduate students to pursue domain-specific, data science research and to enrol in data science graduate courses
 - College of Science Liaison to Purdue Online
 - College of Science representative – Purdue University Integrative Data Science Initiative Curriculum Committee
- 2019-2020** **Fellow – Faculty Leadership Academy for Interdisciplinary Research**
- 2019-** **Leadership team Purdue Institute for Integrative Neuroscience**

Public Engagement

- 2011-2017** Established (in 2011) and co-organized in 2011-2017 the Annual International meeting of Tourette Syndrome Support and Advocacy Groups with participation of TS patient groups from around the world
- 2011** Establishment of European Tourette Syndrome Awareness Day (June 7) (from the position of Chair of European Society for the Study of Tourette Syndrome)
- 2010-2014** As Chair of the EU-funded COST Action European Network for the Study of Tourette Syndrome, organized multiple workshops for the education of health professionals in Tourette Syndrome diagnosis, assessment and management in several European countries (Greece, France, Italy, Poland, UK, Spain)
- 2012-2016** Together with PhD students from the EU-funded TS-EUROTRAIN Training Program, published a semi-annual newsletter highlighting research developments in Tourette Syndrome research
- 2010-2017** Established and maintained website for the European Society for the Study of Tourette Syndrome

Training and Mentoring Programs

- 2012-2016** ***Training Grant Coordinator:*** TS-EUROTRAIN: Interdisciplinary training network for Tourette Syndrome; structuring European Training capacities for neurodevelopmental disorders.” – Marie Curie Initial Training Network (<http://ts-eurotrain.eu>)
- 2010-2014** From the position of Chair of the EU-funded COST Action European Network for the Study of TS, I coordinated numerous training workshops as well as short-term scientific missions (training visits/exchanges) of young investigators across different European countries
- 2017-today** Purdue Horizons Program Faculty Mentor

Invited Lectures-National and International Meetings:

1. *The genetic etiology of Tourette Syndrome.* 2018 Annual Meeting of the European Society for the Study of Tourette Syndrome, Copenhagen, Denmark, June 2018
2. *Dissecting the etiology of Tourette Syndrome through large-scale genome, epigenome and transcriptome studies and cross-disorder analysis.* Talk in invited symposium. XXVth World Congress of Psychiatric Genetics, Orlando, USA, October 2017
3. *The genetic basis of Tourette Syndrome: Updates from large scale collaborative efforts.* Invited talk – 9th European Conference on Tourette Syndrome and Tic Disorders. Warsaw, Poland, June 2016.

4. *Studying the genetic history of Greek populations: Focus on Crete*. Invited talk - International Meeting «Ancient DNA analysis: A new view in the past», Heraklio, Greece, May, 2016.
5. *Studying the genetic basis of multifactorial disorders*. Invited talk – 66th Congress of the Hellenic Society for Biochemistry and Molecular Biology, Athens, 2015.
6. *The genetic etiology of Tourette Syndrome; Updates from large scale collaborative projects*. Plenary talk – 1st World Congress on Tourette Syndrome, London, 2015.
7. *Analyzing the genetic structure of Greeks*. 9th Panhellenic Conference of Bioscience, Athens, Greece, 2014.
8. *Opportunities and challenges for genomics research in Greece*. MIT Enterprise Forum Greece: Entrepreneurship and Innovation in Genomics and Biotechnology, Athens, Greece, 2013
9. *The genetic basis of Gilles de la Tourette Syndrome*. 2012 Annual Meeting of the European Society for the Study of TS, Catania, Italy, 2012.
10. *Investigating the genetic basis of Tourette Syndrome in European Populations. A multinational initiative*. World Congress for Psychiatric Genetics, Washington DC, 2011.
11. *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, Greece, 2010.
12. *The genetic basis of Gilles de la Tourette Syndrome*. XLIII Congress of Polish Psychiatrists, Poznan, Poland, 2010.
13. *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.
14. *An update on the genetics of Tourette Syndrome*. 2nd meeting of the European Society for the Study of Tourette Syndrome, Budapest, Hungary, 2009.
15. *Genetics of Gilles de la Tourette Syndrome*. 6th Panhellenic Conference of Child Psychiatry, Athens, Greece, 2009.
16. 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.
17. *Selection of genetic markers for complex trait association studies in worldwide populations*. 1st International Congress of Clinical and Molecular Genetics, Alexandroupoli, Greece, 2006.

Invited Lectures - Regional Meetings and Workshops

1. *The genetic structure of Greek Populations*. George Stamatoyannopoulos Symposium, University of Washington, Seattle, September 2019
1. *The genetics of Tourette Syndrome*. Invited Regional Keynote at Greater Indiana Society for Neuroscience meeting, March 22, 2019
2. *Large scale collaborative studies for Tourette Syndrome*. Invited talk at Tourette Association of America Annual Meeting, April 8, 2019
3. *Genetics of Type 2 Diabetes. Current updates*, 26th Annual Conference of the Diabetology Society of Northern Greece, Thessaloniki, Greece, 2012

4. *Genetic mapping of multifactorial disease*. Genetics Symposium, National University of Athens, Athens, Greece, 2000.

Invited Lectures - Universities and Other Institutions

1. *Tourette Genetics 2019*. Invited talk at Washington University St Louis, April 29, 2019
2. *Studying human genomic variation: from population history to health and disease*. Invited speaker - Purdue Ecolunch Seminar Series, West Lafayette, USA, February 2017.
3. *The genetic basis of Gilles de la Tourette Syndrome: Current updates*. Invited talk – University of Catania, School of Medicine, Catania, April, 2016.
4. *Genomic approach to human brain ageing*. Medical University of Vienna, Austria, 2014.
5. *Genetics of Gilles de la Tourette*. Sismanoglio General Hospital of Attica, Athens, Greece, 2009.
6. *Population structure via Principal Components Analysis*. University of California Los Angeles, Los Angeles, USA, 2007.
7. *PCA-correlated SNPs for structure identification in human worldwide populations*. Biomedical Research Foundation, Academy of Athens, Athens, Greece, 2007.
8. *Studying Human Genetic Variation*. Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Alexandroupoli, Greece, 2005.
9. *Urea Cycle Disorders*. Clinical Genetics Rounds, Department of Genetics, Yale University, New Haven, USA, 2004.

Teaching (undergraduate and graduate courses)

- Fall 2018** Neurological and Neuropsychiatric Disorders Seminar BIOL 69500, (enrolment: 18 students) graduate course, Dept of Biological Sciences, Purdue University
- Fall 2018** Human Genetics BIOL 44400, (enrolment: 50 students) undergraduate course, Dept of Biological Sciences, Purdue University
- Fall 2017** Human Genetics BIOL 44400, (enrolment: 47 students) undergraduate course, Dept of Biological Sciences, Purdue University
- 2005-2016** Genetics I, (average enrolment: 120 students) undergraduate course, Dept. of Molecular Biology and Genetics, Democritus University of Thrace (fall 2005-2007, spring 2008-2015)
- 2005-2016** Population and Evolutionary Genetics, (average enrolment: 90 students) undergraduate course, Dept. of Molecular Biology and Genetics, Democritus University of Thrace (spring 2005- 2008, fall 2009-2013)
- 2013-2016** Genomics, graduate course, Master’s in “Translational Research in Molecular Biology and Genetics”, Dept. of Molecular Biology and Genetics, Democritus University of Thrace (fall 2013, 2014) – Invited Lecturer
- 2013-2016** Bioinformatics, graduate course, Master’s in “Translational Research in Molecular Biology and Genetics”, Dept. of Molecular Biology and Genetics, Democritus University of Thrace (fall 2013, 2014) – Invited Lecturer

2014-2016 Bioethics and Clinical Trials, graduate course, Master's in "Translational Research in Molecular Biology and Genetics", Dept. of Molecular Biology and Genetics, Democritus University of Thrace (spring 2014, 2015) – Course coordinator

Current graduate students that I supervise as Primary Supervisor

1. Zhiyu Yang, PULSe, Dept of Biological Sciences, **Purdue University**
2. Apostolia Topaloudi, Dept of Biological Sciences, **Purdue University**
3. Pritesh Jain, PULSe, Dept of Biological Sciences, **Purdue University**
4. Sonali Srijan, Dept of Biological Sciences, **Purdue University**
5. Hanrui Wu, PULSe, Dept of Biological Sciences, **Purdue University**

Previous PhD students I supervised as Primary Supervisor

6. Emanouela Vogiatzi, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (**graduated in 2012**)
7. Iordanis Karagiannidis, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece (**graduated in 2017**) – supported by European Union COST Action funds
8. John Alexander, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece – (**graduated in 2016**) - supported by a Marie Curie Initial Training Network Fellowship
9. Shanmukha Sampath Padmanabhuni, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece – (**graduated in 2017**) supported by a Marie Curie Initial Training Network Fellowship
10. Fotis Tsetsos, Dept. of Molecular Biology and Genetics, Democritus University of Thrace, Greece – (**graduated in 2017**) supported by a Bodossakis Foundation Fellowship

PhD Supervisory Committee Member

Current students

1. Mai Elkady, Dept of Computer Science, **Purdue University**
2. Aritra Bose, Dept of Computer Science, **Purdue University**
3. Aashish Jain, Dept of Biological Sciences, **Purdue University**
4. Eleni Liva, School of Medicine, National University of Athens, Greece
5. Matina Simeonidi, School of Medicine, National University of Athens, Greece

Previous students I co-supervised as Committee member

6. Jamey Lewis, Dept. of Computer Science, Rensselaer Polytechnic Institute, USA (**graduated in 2010**)
7. Asif Javed, Dept. of Computer Science, Rensselaer Polytechnic Institute, USA (**graduated in 2008**)

PhD Thesis Examination Committee Member (Seven-member committee)

1. Penelope Mavromattidou, School of Medicine, Democritus University of Thrace, Greece

2. Loukas Damianos, School of Medicine, Democritus University of Thrace, Greece (graduated in 2009)
3. Chrysi Tsirikoni, Dept. of Agricultural Development, Democritus University of Thrace, Greece (graduated in 2009)

Undergraduate Students at Purdue

- 2018-2019** Zaid Al Haddadin (Dual-major in Biology & Computer Science)
 Alyssa Flint (Biological Sciences)
 Melanie Martinez (Beering student mentee)
- 2016-2017** Cameron Locker (Biomedical Engineering)
 Marguerite Stonier (Biology)
 Bailey Kamp (Biology)
 Kate Phelps (Biology)

Highschool students (supervised at Purdue)

- 2016-2017** Anthony Hegarty, Jefferson Highschool

Undergraduate Diploma Thesis Supervisor

1. Athina Dritsoula, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2008)
2. Petros Fragoulis, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2008)
3. George Papachristodoulou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2008)
4. Aggeliki Tsigirigoti, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2009)
5. Iordanis Karagiannidis, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2009)
6. Vasiliki Papadopoulou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2009)
7. Albiona Stamboliou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2009)
8. Georgia Pantidou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2010)
9. Grigorios Panteloglou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2010)
10. Athina Gianakkara, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2010)
11. Chronis Kemos, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2010)
12. Sotiris Kleidonas, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2011)
13. Zachos Anastasiou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2011)

14. George Sotiris, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2011)
15. Panagiota Ligda, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2011)
16. Eleni Grigoriou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2012)
17. Paraskevi Aslanidou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2012)
18. Spyros Papatotiriou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2012)
19. Vasilis Stathias, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2012) – awarded full scholarship (tuition and stipend) to pursue PhD studies at the University of Miami, USA
20. Papagiannakopoulou Eleana, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2013) - awarded Short Term Scientific Mission Fellowship (COST Action) to visit the Dept. of Medical Chemistry, Molecular Biology and Pathobiochemistry Semmelweis University, Hungary
21. Asimonia Athousaki, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2013) – awarded Short Term Scientific Mission Fellowship (COST Action) to visit Applied Human Molecular Genetics Center, Kennedy Center, Denmark
22. Leyla Basgöl – Erasmus Program – Istanbul Technical University, Dept. of Molecular Biology and Genetics (2013)
23. Spyros Palikyras, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2013)
24. Hera Potamianou, Dept. of Molecular Biology and Genetics Democritus University of Thrace; co-supervision (2013) – awarded travel funds from Rutgers University, USA to train in next generation sequencing data analysis
25. Trivyakis George, Dept. of Molecular Biology and Genetics Democritus University of Thrace; co-supervision (2013)
26. Stylianos Laparidis, Dept. of Molecular Biology and Genetics Democritus University of Thrace; co-supervision (2014)
27. Spyros Karaiskos, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2014)
28. Kalliopi Ioumpa, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2014)
29. Xanthippi Tsimourtakidou, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2014)
30. Melina Mitsiogianni, Dept. of Molecular Biology and Genetics Democritus University of Thrace (2014)

University committee service at Purdue University

2017-today Faculty Council

2017-today Graduate Curriculum and Academic Policy

2017-today Search Committee – Vector Ecologist position
2016-today Diversity Committee
2017-today Honors Committee

Selected university committee service at Democritus University

2013-2016 Master’s Program Organizing Committee Member: “Translational Research in Molecular Biology and Genetics”, Democritus University of Thrace
2007-2016 Research Ethics Committee, Democritus University of Thrace
2007-2009 Code of Research Ethics Editorial Committee, Democritus University of Thrace

PUBLICATIONS

Total number of citations: 1,975 (Google Scholar)

***Corresponding author in 25 papers**

Dr Paschou advisees are indicated in bold and are annotated with superscripts to indicate being undergraduate (u), graduate (g), or post-doctoral (p) Paschou lab students at the time of publication.

Book chapters

2. **Tsetsos F^P**, Drineas P, **Paschou P** (2019). Genetics and Population Analysis. In Elsevier Encyclopedia Of Bioinformatics and Computational Biology, Oxford: Elsevier.
3. **Paschou P**, Fernandez TV, Sharp F, Heiman GA, Hoekstra PJ. Genetic susceptibility and neurotransmitters in Tourette syndrome. *Int Rev Neurobiol.* 2013;112:155-177.
4. **Paschou P**, Hoekstra P, Heiman GA. Genetics of Tourette Syndrome. In LeDoux M. Movement Disorders: Genetics and Models, Academic Press Elsevier, p. 713-731, Academic Press Elsevier, 2015.
5. Georgitsi M, **Paschou P** (in Greek). Chapter 5.3: The role of genetics in Type 2 Diabetes Mellitus, in: Diabetes Mellitus-Current Views (ed. Kazakos Kyriakos, 1st ed., Broken Hill Publishers LTD, Nicosia, Cyprus (2016).
6. 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).

Publications in international journals

7. Raveane A, Aneli S, Montinaro F, Athanasiadis G, Barlera S, Birolo G, Boncoraglio G, Di Blasio AM, Di Gaetano C, Pagani L, Parolo S, **Paschou P**, et al. (2019). Population structure of modern-day Italians reveals patterns of ancient and archaic ancestries in Southern Europe. *Sci Adv* 4;5(9):eaaw3492. (IF: 12.80)
8. Drineas P, Tsetsos F, Plantinga A, Lazaridis I, Yannaki E, Razou A, Kanaki K, Michalodimitrakis M, Perez-Jimenez F, De Silvestro G, Renda MC, Stamatoyannopoulos JA, Kidd KK, Browning BL, **Paschou P**, Stamatoyannopoulos G (2019). Genetic history of the population of Crete. *Ann Hum Genet* in press (IF: 1.52)
9. Bose A, Kalantzis V, Kontopoulou E, Elkady M, **Paschou P**, Drineas P (2019). TeraPCA: a fast and scalable software package to study genetic variation in tera-scale genotypes. *Bioinformatics* in press (IF: 4.53)

10. Mufford M, Cheung J, Jahanshad N, van der Merwe C, Ding L, Groenewold N, Koen N, Chimusa ER, Dalvie S, Ramesar R, Knowles JA, Lochner C, Hibar DP, **Paschou P**, et al (2019). Concordance of genetic variation that increases risk for tourette syndrome and that influences its underlying neurocircuitry. *Transl Psychiatry* 9(1):120. (IF: 5.18)
11. Yu D*, Sul JH*, **Tsetsos F***,..., **Paschou P#**, Coppola G#, Mathews CA#, Scharf JM# (2019). Interrogating the genetic determinants of Tourette syndrome and other tic disorders through genome-wide association studies. *American Journal of Psychiatry* 176(3):217-227. (IF: 13.4) * equal contribution first authors, #equal contribution senior corresponding authors
12. Wang S, Mandell JD, **Kumar Y^P**, Sun N, Morris MT, Arbelaez J, Nasello C, Dong S, Duhn C, Zhao X, **Yang Z^B**, **Padmanabhuni SS^P**....**P Paschou***, Willsey JA*, State MA* (2018). De Novo Sequence and Copy Number Variants are Strongly Associated with Tourette Disorder and Implicate Cell Polarity in Pathogenesis. *Cell Reports* 24(13):3441-3454 (IF: 8.28) *equal contribution senior corresponding authors
13. Brainstorm Consortium (2018). Analysis of shared heritability in common disorders of the brain. *Science*: 360(6395). (IF 37.2)
14. Schrag A, Martino D, Apter A, Ball J, Bartolini E, Benaroya-Milshtein N, Buttiglione M, Cardona F, Creti R, Efstratiou A, Gariup M, Georgitsi M, Hedderly T, Heyman I, Margarit I, Mir P, Moll N, Morer A, Müller N, Müller-Vahl K, Münchau A, Orefici G, Plessen KJ, Porcelli C, **Paschou P**, Rizzo R, Roessner V, Schwarz MJ, Steinberg T, Tagwerker Gloor F, Tarnok Z, Walitza S, Dietrich A, Hoekstra PJ; EMTICS Collaborative Group (2018). European Multicentre Tics in Children Studies (EMTICS): protocol for two cohort studies to assess risk factors for tic onset and exacerbation in children and adolescents. *Eur Child Adolesc Psychiatry* in press (IF: 3.34)
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67. **Lewis J^B**, Abas Z, Dadousis C, **Lykidis D^P**, **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.
68. **Javed A^B**, **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.

Popular Press (selected press-releases)

Understanding the genetic basis of Tourette Syndrome

1. June 2017 – [Purdue press-release](#): Tourette Syndrome risk increases in people with genetic copy variants

2. June 2017 – [NIH press release](#): Researchers uncover genetic gains and losses in Tourette Syndrome
3. June 2017 – [Boston Herald](#): Gene find may aid in Tourette treatment
4. July 2012 - [European Cooperation in Science and Technology - Newsroom](#): COST Action BM0905 underpins proposal for a Marie Curie Initial Training Network on Tourette Syndrome (TS)
5. October 2005 - [Bulletin of the Centre of Excellence for Early Childhood Development, Canada](#): How will Tourette Syndrome strike within a family next?

Population genetic structure in the Peloponnese

6. March 2017 – [Vima Science](#): DNA contradicts Fallmerayer theory (one of the main newspapers in Greece – article in Greek).

Maritime route of colonization of Europe

7. June 2014 - [New Scientist](#): Island-hopping odyssey brought civilisation to Europe
8. June 2014 - [Science](#): First farmers were also sailors
9. June 2014 - [National Geographic](#): Ancient Europe colonized by island hoppers?
10. June 2014 - [Le Figaro \(in French\)](#): Lire dans l'ADN l'histoire du peuplement
11. June 2014 - [Scinexx.de \(in German\)](#): Die ersten Bauern kamen über den Seeweg
12. June 2014 - [Le Scienze \(in Italian\)](#): La via insulare delle migrazioni neolitiche
13. June 2014 - [TO VIMA \(in Greek\)](#): Farming arrived to Europe by ship
14. June 2014 - [TA NEA \(in Greek\)](#): The Greek islands as a bridge of evolution

MIT Enterprise Forum Greece press-release

15. September 2013 - FORTUNE Greece.com (article in Greek), [Entrepreneurship and Innovation in Genomics and Biotechnology](#)

Minoan genetic ancestry press-releases

16. May 2013 - [Nature News](#): Minoan civilization was made in Europe
17. May 2013 - [BBC News](#): DNA reveals origin of Greece's ancient Minoan culture
18. May 2013 - [NBC News](#): Mysterious Minoans really were European, DNA finds
19. May 2013 - [Live Science](#): Mysterious Minoans were European
20. May 2013 - [USA Today](#): Europe's first civilization was home grown
21. May 2013 - [RPI News](#): DNA analysis unearths origins of Minoans
22. May 2013 - [TO VIMA \(in greek\)](#): Modern Cretans descended from the Minoans
23. May 2013 - [Proto Thema \(in greek\)](#): Cretans are descendants of the Minoans
24. May 2013 - [Kriti TV \(in greek\)](#): Minoans were the first Europeans

PCA-correlated SNPs and population structure press-releases

25. April 2008 - [Yahoo! News](#): Computer program reveals anyone's ancestry
26. April 2008 - [LiveScience](#) and NSF: Computer program reveals anyone's ancestry

27. August 2008 – [ScienceDaily](#): Pinpointing genetic variations in European Americans
28. September 2007 - [ScienceDaily](#): Tracing your ancestry:
29. September 2007 – [Scitizen article](#): DNA markers and computer science methodology can be used to trace individual ancestry
30. 2010 - Interview with the magazine Armonia - Sunday issue of Ethnos

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)

ABSTRACT PRESENTATIONS

International conferences

1. Yang Z, Tsetsos F, **Paschou P**. Identifying a shared regulatory background for neurodevelopmental disorders through meta-analysis of genomewide association studies. 67th Annual Meeting of The American Society of Human Genetics, October 2017, Orlando, Florida
2. Bose A, Kalantzis V, Kontopoulou E, Elkady M, **Paschou P**, Drineas P. TeraPCA: A fast and scalable method to study genetic variation in tera-scale genotypes. October 20, 2017. 67th Annual Meeting of the American Society of Human Genetics, Orlando, Florida.
3. Bose A, Platt DE, Parida L, **Paschou P**, Drineas P. Genetic Variation reveals migrations into the Indian subcontinent and its influence on the Indian society. 66th Annual Meeting of the American Society of Human Genetics, Vancouver, Canada.
4. Tsetsos F, Koukousi D, Mpampali M, Padmanabhuni SS, Alexander J, Karagiannidis I, Mantzaris D, Georgitsi M, Drineas P, and **Paschou P**. “A common genetic basis between neurodevelopmental disorders of childhood”. Annual Meeting of the American Society of Human Genetics. Vancouver, Canada, Oct. 18–22, 2016.
5. Tsetsos F, Padmanabhuni SS, Alexander J, Karagiannidis I, Tsifintaris M, Topaloudi A, Mantzaris D, Georgitsi M, Drineas P, and **Paschou P**. “Meta-analysis of Tourette Syndrome and Attention Deficit Hyperactivity Disorder provides support for a shared genetic basis”. 9th European Conference on Tourette Syndrome and Tic Disorders. Warsaw, Poland, June 8–11, 2016.
6. Alexander J, Potamianou H, Xing J, Deng L, Sandor P, Barr C, Tischfield J, Georgitsi M, Drineas P, Heiman GA, and **Paschou P**. “Variant Ranker: a Web-Tool to Rank Genomic Data According to Functional Significance; Application on a Tourette Syndrome Next Generation Sequencing Dataset”. 9th European Conference on Tourette Syndrome and Tic Disorders. Warsaw, Poland, June 8–11, 2016.

7. Houssari, R, Padmanabhuni, SS, Bertelsen, B, Esserlind, AL, Olesen, J, Werge, T, Hansen, TF, Tsetsos, F, **Paschou, P**, and Tümer, Z. “Investigation of SNP rs2060546 immediately upstream to NTN4 in a Danish Gilles de la Tourette syndrome cohort”. 9th European Conference on Tourette Syndrome and Tic Disorders. Warsaw, Poland, June 8–11, 2016.
8. Tsetsos, F, Alexander, J, Yu, D, Sul, JH, Coppola, G, Zelaya, I, Drineas, P, GGRI, TSAICG, Mathews, C, Scharf, JM, and **Paschou, P**. “Pathway analysis of genome-wide SNP data for Gilles de la Tourette Syndrome shows enrichment in genes expressed in nervous system tissues”. World Congress of Psychiatric Genetics. Toronto, Canada, Oct. 16–20, 2015.
9. Tsetsos, F, Alexander, J, Yu, D, Sul, JH, Coppola, G, Zelaya, I, Drineas, P, GGRI, TSAICG, Mathews, C, Scharf, JM, and **Paschou, P**. “Pathway analysis of genome-wide SNP data for Gilles de la Tourette Syndrome shows enrichment in genes expressed in nervous system tissues”. Annual Meeting of the American Society of Human Genetics. Baltimore, MD, USA, Oct. 6–10, 2015.
10. Scharf, JM, TSAICG, GGRI, and TIC Genetic. “An international, collaborative genome-wide association study of Tourette Syndrome in 14,000 individuals identifies a non-coding RNA expressed early in human brain development as a TS susceptibility gene”. Annual Meeting of the American Society of Human Genetics. Baltimore, MD, USA, Oct. 6–10, 2015.
11. Plantinga, AM, Tsetsos, F, **Paschou, P**, Drineas, P, Browning, BL, and Stamatoyannopoulos, G. “Identity by descent analysis reveals fine-scale population structure in Crete”. Annual Meeting of the American Society of Human Genetics. Baltimore, MD, USA, Oct. 6–10, 2015.
12. Plantinga, AM, Tsetsos, F, **Paschou, P**, Drineas, P, Browning, BL, and Stamatoyannopoulos, G. “Identity by descent analysis reveals fine-scale population structure in Crete”. Joint Statistical Meeting. Seattle, WA, USA, Aug. 8–13, 2015.
13. Tsetsos, F, Alexander, J, Yu, D, Sul, JH, Coppola, G, Zelaya, I, Drineas, P, GGRI, TSAICG, Mathews, C, Scharf, JM, and **Paschou, P**. “Pathway Analysis on Genome-wide data for Tourette Syndrome Shows Enrichment in Genes expressed in Nervous System Tissues”. 1st World Congress on Tourette Syndrome and Tic Disorders. London, UK, June 24–26, 2015.
14. Kovacs GG, Alexander J, Kalev O, Mehrabian S, Drineas P, Ströbel T, **Paschou P**. Early onset familial alzheimer-type dementia associated with tauopathy and TDP-43 proteinopathy. 12th International Congress on Alzheimer’s and Parkinson’s Diseases, Nice, March 18-22, 2015.
15. Tsetsos F, Yu D, Sul J H, TSAICG, GGRI Consortium, Coppola G, **Paschou P**, Mathews C, Scharf J. A Second Genome Wide Association Study for Tourette Syndrome. Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, April 25-26, 2014.
16. Karagiannidis I, Yu D, GGRI Consortium, **Paschou P**, Mathews C, Scharf J. The Gilles de la Tourette Syndrome GWAS Replication Initiative reveals significant signal of genetic association near the Netrin 4 gene. Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, April 25-26, 2014.
17. Alexander J, Karagiannidis I, Potamianou H, Georgitsi M, Xing J³, Sun N, Nasello C, Sandor P, Barr C, Tischfield J, **Paschou P**, Heiman G. Targeted re-sequencing approach of TS candidate genes implicates potentially functional variants in TS etiology. Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, April 25-26, 2014.

18. Padmanbhuni S S, Ander B P, Sharp F, Drineas P, **Paschou P**. Gene expression studies in TS. Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, April 25-26, 2014.
19. Arranz I, Bertelsen B, Jensen L J, **Paschou P**, Tümer Z. CNV analysis in a large cohort of Tourette syndrome patients from Denmark. Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, April 25-26, 2014.
20. Bertelsen B, Melchior L, Jensen L R, Groth C, Glenthøj B Y, Rizzo R, Mol Debes N, Skov L, Brøndum-Nielsen K, **Paschou P**, Silahatoglu A, Tümer Z. Intragenic deletions affecting two alternative IMMP2L transcripts in patients with Tourette syndrome. Annual Meeting of the European Society for the Study of Tourette Syndrome, Paris, April 25-26, 2014.
21. 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.
22. Karagiannidis I, Tsetsos F, Athousaki A, Papagiannakopoulou E, **Paschou P**. The genetic structure of Tourette syndrome associated genomic regions in worldwide populations. Annual Meeting of the European Society for the Study of Tourette Syndrome, Athens, April 26-27, 2013.
23. Karagiannidis I, Anastasiou Z, Stathias V, Ligda P, Sandor P, Dehning S, Zill P, Hebebrand J, Noethen M, Lehmkuhl G, Tarnok Z, Barta C, Madruga-Garrido M, Mir P, Szymanska U, Wolanczyk T, Rizzo R, Mueller N, Barr C, **Paschou P**. The Histidine Decarboxylase Gene is associated with Gilles de la Tourette Syndrome in a large sample of trios. XXth World Congress on Psychiatric Genetics, Hamburg, October 14-18, 2012 (***selected as one of the top three poster presentations***).
24. **Paschou P**, Karagiannidis I, Aslanidou P, Grigoriou E, Papatotiriou V, Stathias V and the Tourette Syndrome Genetics Southern and Eastern Europe Initiative. Investigating the genetic basis of Tourette Syndrome in European populations. A multinational initiative. XIXth World Congress on Psychiatric Genetics, Washington, September 10-14, 2011.
25. 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.
26. 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.
27. **Paschou P**, Karagiannidis I, Tsigioti 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.

28. **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, Athens, October 3-7, 2010.
29. **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.
30. **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.
31. **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.
32. **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.
33. Rivière JB, Díaz-Anzaldúa a, Joobert 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.
34. **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.
35. **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.
36. 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.
37. **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.
38. **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.
39. 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.
40. 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.

Pan-Hellenic conferences

41. Tsetsos F, Trivyzakis G, Karaiskos S, Ioannou M, Gkantouna V, Papachatzopoulou A, Patrinos G, Tzimas I, Tsakalidis A, Drineas P, **Paschou P**. Investigating the Genetic Architecture of Diabetes Mellitus Type 2 on a worldwide level: Implications for future research. 64th Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens, 6-8 December 2013.
42. Karaiskos S, Tsetsos F, Karagiannidis I, Alexander J, Georgitsi M, **Paschou P**. Examining genetic ancestry and demographic history among HapMap phase III populations. 64th Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens, 6-8 December 2013.
43. Potamianou H, Karagiannidis I, Georgitsi M, Alexander J, Karaiskos S, Heiman G, Deng L, Xing J, Sun N, Nasello C, Sandor P, Barr C, Tischfield J, **Paschou P**. Investigating the role of the Histidine Decarboxylase Gene in Tourette Syndrome etiology. 64th Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens, 6-8 December 2013.
44. Tsetsos F, Tsekmekidou X, Kotsa K, Papanas N, Theodoridis M, Papazoglou D, Maltezos E, Vargemezis V, Yovos J, **Paschou P**. The CDKAL1 gene in relation to type 2 diabetes in Greece and the rest of the world. 1st Panhellenic Conference of Hellenic Association of Medical Geneticists, 30-31 May, 1 June 2013 (**Best Poster Award**).
45. 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, Heraklion, November 9-11, 2012.
46. 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, Heraklion, November 9-11, 2012.
47. 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, May 17-19, 2012.
48. Sotiris G, Aslanidou P, Grigoriou E, Papatotiriou 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, May 17-19, 2012.
49. Sotiris G, Karagiannidis I, Stylianopoulou E, Skavdis G, Grigoriou M, **Paschou P**. The genetic structure of LIM-homeobox genes LHX6 and LHX8 in 11 HapMap populations. 62nd Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens, December 9-11, 2011.
50. Aslanidou P, Grigoriou E, Stathias V, Papatotiriou S, Karagiannidis I, **Paschou P**. Investigation of linkage disequilibrium patterns in schizophrenia susceptibility genes in eleven human populations from around the world. 62nd Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens, December 9-11, 2011.

51. Karagiannidis I, Tsigirigi A, Stamboliou A, Papadopoulou V, Manolopoulos VG, Martinis G, Kidd JR, Kidd KK, **Paschou P**. The genetic structure of the Greek population in comparison with the European reference populations from the HapMap project. 61st Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Alexandroupolis, October 15-17, 2010 (**Platform Presentation Award**).
52. Tsigirigi A, Karagiannidis I, Papadopoulou V, Stampoliou A, Papanas N, Yavropoulou M, Yovos I, Vargemezis V, **Paschou P**. Studying the genetic basis of type 2 diabetes mellitus in the Greek population. 60th Pan-Hellenic Conference of the Hellenic Society for Biochemistry and Molecular Biology, Athens, November 20-22, 2009.
53. **Paschou P**, Malamitsi-Puchner A, Vazeou A et al. Genetic markers of Type 1 Diabetes and frequency differences in three European populations. 7th Panhellenic Diabetology Conference, Heraklion, 29 March- 1 April, 2001.
54. Bozas E, Sjöröos 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, Skiathos, 25-28 May, 2000.

Proficiency Diplomas in Foreign Languages

- 1996** Proficiency in French (Sorbonne 2 - Institut Français d' Athènes)
1995 Proficiency in German (Großes Deutsches Sprachdiplom - Goethe Institut)
1988 Proficiency in English (University of Cambridge)

Invited Reviewer

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
American Journal of Psychiatry
Bioinformatics
Briefings in Bioinformatics
Molecular Ecology Resources
Archives of Oral Biology
British Journal of Clinical Pharmacology
European Child and Adolescent Psychiatry Journal
Frontiers in Neuroscience
Frontiers in Psychiatry

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