

ΑΙΤΗΣΗ

ΕΠΩΝΥΜΟ: ΑΝΤΩΝΑΡΑΚΗΣ
 ΟΝΟΜΑ: ΣΤΥΛΙΑΝΟΣ
 ΠΑΤΡΩΝΥΜΟ: ΕΜΜΑΝΟΥΗΛ
 ΗΜΕΡ.ΓΕΝΝΗΣΗΣ: 11 ΔΕΚ 1951.
 ΙΔΙΟΤΗΤΑ: Προπτυμός Καθηγήτης
 Α.Δ.Τ./Αρ. Διαβατηρίου:
 E-mail: stylianos.antonarakis@uon.ac.cy

Θέμα: Υποψηφιότητα για τη δέση εξωτερικού μέλους του Συμβουλίου Διοίκησης του Εθνικού και Καποδιστριακού Πανεπιστημίου Αδηνών

Τόπος/Ημερομηνία:
 ΓΝΩΝΗ, 26/4/2023

Συνημμένα:

- α) Αντίγραφο Δελτίου Αστυνομικής Ταυτότητας ή Αντίγραφο Διαβατηρίου.
- β) Πλήρες βιογραφικό σημείωμα.
- γ) Οποιαδήποτε έγγραφα ή στοιχεία κρίνει ο/η υποψήφιος/α ότι δα υποστηρίξει την υποψηφιότητά του/ης (προαιρετικό).
- δ) Επιστολή εκδήλωσης ενδιαφέροντος για τη δέση του εξωτερικού μέλους.

ΠΡΟΣ
 ΕΘΝΙΚΟ ΚΑΙ ΚΑΠΟΔΙΣΤΡΙΑΚΟ
 ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ

Με την παρούσα αίτηση:

- α) υποβάλλω υποψηφιότητα για τη δέση εξωτερικού μέλους του Συμβουλίου Διοίκησης του Εθνικού και Καποδιστριακού Πανεπιστημίου Αδηνών σύμφωνα με την ισχύουσα νομοδεσία στο πλαίσιο της με αριθμ. πρωτ. 17890/28-2-2023. διεδνούς πρόσκλησης για την ανάδειξη των εξωτερικών μελών του Συμβουλίου Διοίκησης του Ιδρύματος,
- β) αποδέχομαι τους όρους συμμετοχής στην παρούσα και δηλώνω ότι γνωρίζω τις υποχρεώσεις που απορρέουν από την ιδιότητα του εξωτερικού μέλους σε περίπτωση εκλογής μου, καδώς και τις αρμοδιότητες που ασκεί το Συμβούλιο Διοίκησης του Ε.Κ.Π.Α. σύμφωνα με το άρθρο 14 του ν. 4957/2022,
- γ) δηλώνω ότι συναινώ στη συλλογή και επεξεργασία των προσωπικών δεδομένων μου, όπως αυτά αναφέρονται στην παρούσα πρόταση και στα συνυποβαλλόμενα με αυτήν δικαιολογητικά αποκλειστικά για την αξιολόγηση της αίτησής μου στο πλαίσιο της διαδικασίας της παρούσας.

Σ.Σ. Αντωναράκης
 Στυλιανός Αντωναράκης
 Ο Αιτών / Η Αιτούσα

(ονοματεπώνυμο και ψηφιακή υπογραφή)

CURRICULUM VITAE

Stylianos Emmanuel Antonarakis, M.D., D.Sc.

Current Academic Appointments

- Professor Emeritus (active), University of Geneva Medical School, Geneva Switzerland.

Until September 30th, 2017

- Professor of Medical Genetics, University of Geneva Medical School, Geneva Switzerland.
- Founding Chairman, Department of Genetic Medicine and Development, University of Geneva Medical School, Geneva Switzerland.
- Founder and first Director, Institute of Genetics and Genomics in Geneva, iGE3; University of Geneva.
- Director, Division of Genetic Medicine, University Hospitals of Geneva.
- Director, Center for Genetic Medicine, University Hospitals of Geneva.
- Invited Professor; Université Paris Descartes and Hôpital Universitaire Necker-Enfants Malades, Imagine Institute, Paris, France.

Professional Address

Department of Genetic Medicine and Development
Centre Medical Universitaire - CMU 9
1 rue Michel Servet, 1211 Geneva 4 , Switzerland
Tel : 41-22-379-5707 or 8 Fax : 41-22-379-5706
Email: Stylianos.Antonarakis@unige.ch
<http://www.hugo-international.org/HUGO-Past-Presidents>
http://en.wikipedia.org/wiki/Stylianos_Antonarakis

Private Address

16 Rue Albert-Gos
1206 Geneva, Switzerland

Personal data

Birth December 11, 1951 Athens, Greece
Family: Spouse: Grigoria Grigoriou, 1953
Children: Emmanuel, 1978; Gregory, 1979; Alexander, 1982; Christina, 1990.

Citizenships USA, Switzerland, & Greece

Education

Athens University School of Medicine, 1969-1975
M.D. degree (magna cum laude) 1975
Athens University School of Medicine
Doctoral Thesis (magna cum laude) 1983

Internship and Residency

Internal Medicine, 1976-1978
King Paul's University Hospital, Dept. of Medicine (Prof. G. Daikos)
Hellenic Air Forces Gen. Hospital, Dept. of Medicine (Dr. G. Psimenos)
Pediatrics, 1978-1980

Kozani General Hospital, Dept. of Pediatrics (Dr. P. Economopoulos)
Patras Children's Hospital, Dept. of Pediatrics (Prof. Th. Giogarakis)
Aghia Sophia University Children's Hospital, Dept. of Pediatrics (Prof. N. Matsaniotis)

Licenses to Practice Medicine

Athens, Greece 1975
State of Maryland, USA, 1984 License # D304
Switzerland, FMH Medical Genetics, License # 052057-51
Switzerland, FAMH Medical Genetics Diagnostic Laboratory

Board Certification

ECFMG Certificate: January 1975
FLEX Examination: January 1984 (State of Maryland)
Hellenic National Board of Pediatrics, 1980
American Boards of Medical Genetics Clinical Geneticist, 1984
Clinical Biochemical Geneticist, 1984
Molecular Geneticist, 1993
Swiss FMH in Medical Genetics (founding member), 2000
Swiss FAMH in Genetic Laboratory Analyses (founding member), 2002

Post-Doctoral Fellowship

The Johns Hopkins University School of Medicine
Department of Pediatrics, Genetics Unit (Jul 1980 - Mar 1983)
Professor Haig H. Kazazian, Jr., MD
Professor Victor A McKusick, MD

Academic Appointments

1982-83 Research Associate of Pediatrics, The Johns Hopkins Univ School of Medicine
1983-85 Assistant Professor of Pediatrics, The Johns Hopkins Univ School of Medicine
1985-91 Associate Professor of Pediatrics, The Johns Hopkins Univ School of Medicine
1990-91 Associate Professor of Medicine, The Johns Hopkins Univ School of Medicine
1986-94 Faculty, Human Genetics graduate Ph.D. program, The Johns Hopkins University School of Medicine
1989-96 Professor of Human Genetics, University of Crete Medical School.
1991-92 Deputy Director, Postdoctoral Fellowship Program in Human Genetics, JHUSM
1991-94 Professor of Pediatric Genetics, Center for Medical Genetics, The Johns Hopkins University School of Medicine.
1994-98 Professor of Pediatrics (Part-time appointment), Center for Medical Genetics, The Johns Hopkins University School of Medicine.
1991-94 Joint appointment (Professor) in the Department of Medicine, Center for Medical Genetics, The Johns Hopkins University School of Medicine.
1991-94 Joint appointment (Professor) in the Department of Biology, The Johns Hopkins University School of Arts and Sciences.
1992- Professor of Medical Genetics, University of Geneva Medical School.
1992-2017 Chief, Division of Medical Genetics, University of Geneva Medical School.
2004-2017 Chairman, Department of Genetic Medicine and Development, University of Geneva Medical School.
2003- Member (corresponding) of the Athens Academy of Arts and Sciences.
2011-17 Founder and first Director, Institute of Genetics and Genomics in Geneva, iGE3; University of Geneva.
2017- Honorary Member (elected; highest membership), Swiss Academy of Medical Sciences.

Hospital Appointments

1984-94 Medical Staff, The Johns Hopkins University Hospital.
1992-2017 Chief of Genetic Medicine, University Hospitals of Geneva.
2011-2017 Director, Genetic Medicine Center, University Hospitals of Geneva

Other Appointments

1989-93 Chairman, Consortium CEPH Linkage map for human chromosome 21
1991-93 Editor, Chromosome 21, Genome database and HUGO.
1993-96 Senior editor, Chromosome 21, Genome database and HUGO.
1992 Organizer; Chromosome 21 Third International Workshop, Baltimore, MD
1993- Editor, Mutation database for Mendelian Inheritance in Man (OMIM).
1995-00 Member, Scientific Program committee, European Society of Human Genetics
1996- Member, WHO Expert Advisory Panel on Human Genetics
1996- Chair, Human Mutation Nomenclature Committee; HUGO
1997-99 Member, Geneva University Medical School, Promotions Committee to Privat-Docents
1999 Organizer; European Society of Human Genetics meeting, Geneva, Switzerland
1999 Co-organizer; Chromosome 21 Eighth International Workshop, Rehovot, Israel
1999-present Chair, Geneva University Medical School, Promotions Committee to Privat-Docents
1999-03 Member, Geneva University Medical School, Committee for Academic Renewal
1997-03 Member, Geneva University Medical School, Committee for Research
2000-06 Elected member of the HUGO Council
2001-02 President, European Society of Human Genetics (President-Elect 2000-2001; vice-president 2002-2003)
2012-17 President of HUGO (Human Genome Organization) 2013-2017 (President Elect 2012-2013); 2017 President Emeritus
2000-07 Co-organizer; European School of Medical Genetics; Sestri Levante or Bertinoro, Italy.
2007-present Editor, Metabolic and Molecular basis of Inherited Disease
(<http://beta.ommbid.impelsys.com/>)
2011-present Member, Bioethics committee of the Eastern Churches.
2016-17 Invited Professor; Université Paris Descartes and Hôpital Universitaire Necker-Enfants Malades, Paris, France
2018-present CoFounder and CEO, MediGenome, Swiss Institute of Genomic Medicine, Geneva, Switzerland (www.medigenome.ch).
2022-present CoFounder and Chairman of the steering committee, Greek Institute of Human Genomics (Ελληνικό Ινστιτούτο Γονιδιωματικής του Ανθρώπου ΕΙΓΑ), ITE, Athens, Greece.

Clinical Experience

- General Pediatrics
- Pediatric and Adult Medical Genetics
- Genetic Counseling
- DNA diagnostic laboratory analyses
- Molecular Cytogenetic analyses

Diagnostic laboratory Experience

- DNA diagnostic laboratory analyses
- Molecular Cytogenetic analyses

Research Interests (Past and Present):

The overall objective of my research is to understand how genetic variation causes phenotypic variation.

More specifically, the specific goals of the research in our laboratory (since 1982) were as follows:

- Molecular characterization of single gene disorders including the thalassemias, and Hemophilias.
- DNA polymorphisms in clinical medicine.
- Eukaryotic gene expression.
- Gene mapping using DNA polymorphisms in linkage analysis.
- Mechanisms involved in the break and reunion of chromosomes in ring formation.
- Molecular predisposition to Down syndrome, mechanism of non-disjunction.
- Molecular pathophysiology of Down syndrome.
- Apolipoprotein genes and premature coronary artery disease.
- Erythropoietin gene expression in transgenic mice.
- Cloning of unknown disease-related genes by positional cloning.
- Yeast artificial chromosome mapping.
- Insertional mutagenesis in human disorders (L1 repetitive element insertions).

- Human Genome Project; mapping and sequencing of human chromosome 21 and cloning of its genes.
- Mapping genes for multigenic disorders including schizophrenia.
- Mapping and cloning of genes responsible for developmental abnormalities.
- Gene therapy of hereditary disorders including hemophilia A.
- Molecular basis of hereditary deafness.
- Differential gene expression in aneuploidies.
- Molecular pathophysiology of disorders due to repeat expansion (e.g. 12mer repeat of CSTB in EPM1).
- Evolutionary history of the human genome.
- Functional analysis of Conserved Non-Coding DNA sequences.
- Genetic control of gene expression variation.
- Genetic analysis of somatic cell disorders
- Consanguinity to discover recessive alleles
- Single cell genomics
- Chromatin structure in aneuploidies

Laboratory Experience

- Isolation of DNA and RNA from various tissues
- Southern blot analysis
- Cloning on viral and plasmid vectors
- DNA sequencing
- Cell culture
- Linkage analysis of monogenic traits
- Linkage analysis of polygenic complex traits
- Linkage analysis of quantitative traits
- Association studies for complex traits
- Chromosome analysis, *in situ* hybridization
- DNA methodology for mutation detection
- Oligonucleotide hybridization
- Pulsed field gel electrophoresis
- Denaturing gradient gel electrophoresis
- Polymerase chain reaction
- Analysis of mutations in nucleic acids
- Transgenic and “knock-out” mice
- *In situ* hybridization
- Cellular and subcellular localization of proteins
- Cloning in yeast artificial chromosomes (YACs)
- Cloning by exon trapping, cDNA selection
- Protein interactions by Yeast two-hybrid
- Differential gene expression using SAGE
- Differential gene expression using microarrays
- SNP detection
- Gene expression variation using Real-Time quantitative PCR
- DNA genotyping with microarray technology
- Genomic Copy Number Variants with microarray technology
- Chromatin conformation capture
- High-throughput sequencing
- Chromatin immunoprecipitation (ChIP)
- Single cell genomics

Teaching Experience

- Clinical Pediatrics to Medical Students and Residents, JHU
- Clinical Biochemistry to Medical Students, JHU
- Human Genetics to Medical Students, JHU, UGMS 1983-2004
- Participation in the various activities of the Genetics Center of JHU (1981-1993) and UGMS (1993-date)
- Invited Speaker to meetings, symposia and workshops, including Gordon Conferences (since 1985) and Cold Spring Harbor Symp., Quant. Biology

- Faculty, Bar Harbor course for Mammalian Genetics, 1982-2022.
- Faculty, European School of Medical Genetics, 1993-2008 (co-organizer in 2000-2007)
- Faculty, Advanced Human Genetics Course, JHU, 1984-1990
- Faculty, Pathophysiology Course, JHU, 1983-1990
- Co-organizer, weekly genetics conference, 1984-1985, JHU
- Organizer, biweekly Medical Genetics Journal Club, 1992-date, UGMS
- Faculty, Human Genetics Course for Graduate Students, JHU, 1986-1993
- Director, Human Genetics Course for Graduate students, JHU, 1990-1992
- Director, Human Genetics Course for Graduate students, UniGE MedSch, 1993-2020
- Member; Human Genetics Course for Graduate students, UniGE NCCR graduate program 2002-date
- Faculty, Human Genetics Course for biology students, UniGE Science School 1995-date
- Member; Course to 2nd year Medical Students of UniGE MedSch on Human Reproduction (Problem-based learning) 1997-2019
- Organizer and member; Course to 1st year Medical Students of UniGE MedSch on Human Medical Genetics 2004-2017
- The Division of Medical Genetics of the University and Hospital of Geneva is one of the 4 centers in Switzerland for the training in Medical Genetics (this training was under the responsibility of S.E. Antonarakis)
- Faculty, Wellcome Trust School on Human Genomics, Sanger Institute (2009-2011)

Graduate Students¹, Postdoctoral Fellows², Students on laboratory rotations³, Undergraduate students⁴, MD thesis students⁵
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- | | |
|---|--|
| 1. Corinne Wong, M.D., Ph.D. ¹ | 32. Derek Christie ³ |
| 2. Mary Kay McCormick, Ph.D. ¹ | 33. Sonia N. Samec, Ph.D. ³ |
| 3. Andrew C. Warren, M.D., Ph.D. ² | 34. Roman Chrast, Ph.D. ^{1,4} |
| 4. Hagop Youssoufian, M.D. ² | 35. Gaelle Perrin, Ph.D. ⁴ |
| 5. John A. Ladias, M.D. ² | 36. Colette Rossier, Ph.D. ² |
| 6. Patricia Woods-Samuels, Ph.D. ¹ | 37. Ariane Paoloni-Giacobino, M.D. ² |
| 7. Gregg L. Semenza, M.D., Ph.D. ² | 38. Marguerite Neerman-Arbez, Ph.D. ² |
| 8. Effrosini P. Economou, M.D. ² | 39. Jian Ying Su, M.D. ² |
| 9. Hiroshi Inaba, Ph.D. ² | 40. Uppala Radhakrishna, Ph.D. ² |
| 10. Garry R. Cutting, M.D. ² | 41. Hamish S. Scott, Ph.D. ² |
| 11. Miyoko Higuchi, Ph.D. ² | 42. Silvana Guidi, M.Sc. ⁴ |
| 12. Susan Kass, Ph.D. ³ | 43. Laureane Mittaz, Ph.D. ⁴ |
| 13. Claudia R. Colyer, Ph.D. ³ | 44. Maria Mirotou Ph.D. ³ |
| 14. Lisbeth A. Guethlein, Ph.D. ³ | 45. Hamid Mehenni, M.D. ² |
| 15. Michael B. Petersen, M.D., Ph.D. ² | 46. Despina Kyriakou, M.D. ² |
| 16. Andrew W. Bergen, Ph.D. ¹ | 47. Michel L. Guipponi, Ph.D. ² |
| 17. Josef Coresh, M.D., Ph.D. ³ | 48. Logos Curtis, M.D., Ph.D. ³ |
| 18. Valerie L. Prenger, Ph.D. ³ | 49. Alexandra Schebesta, M.D. ³ |
| 19. Felicity Collins, M.D. ² | 50. Joelle Michaud, Ph.D. ⁴ |
| 20. Michelle Makos, Ph.D. ³ | 51. Lucia Bartoloni, Ph.D. ² |
| 21. Marianna M. Kalaitzidaki, Ph.D. ² | 52. Marie Wattenhofer, Ph.D. ^{1,4} |
| 22. Melvin G. McInnis, M.D. ² | 53. Amit L. Maiti, Ph.D. ² |
| 23. Dimitris Avramopoulos, M.D., Ph.D. ^{1,2} | 54. Anouk Imhof, M.D. ² |
| 24. Matthew J. McGinniss, Ph.D. ² | 55. Samuel Deutsch, Ph.D. ^{1,2} |
| 25. Nicola De Marchi, M.D. ² | 56. Olivier Menzel, Ph.D. ⁴ |
| 26. Sylvia Neuman, Ph.D. ² | 57. Fabien Chapeau ⁴ |
| 27. Haiming Chen, M.D. ² | 58. Robert Lyle, Ph.D. ² |
| 28. Jean-Louis Blouin, Ph.D. ² | 59. Pascal Chanson ⁴ |
| 29. Will Lowther, Ph.D. ³ | 60. Sura A Alwan ⁴ |
| 30. Pierre Hutter, Ph.D. ² | 61. Alexandre Reymond, Ph.D. ² |
| 31. Maria D. Lalioti, Ph.D. ¹ | 62. Mark Friedli, Ph.D. ^{1,4} |

63. Charlotte Henrichsen, Ph.D.⁴
 64. Veronique Falciola⁴
 65. Vassilis Doucas, Ph.D.²
 66. Urmila Choudhury^{1,3}
 67. Nathalie Lin-Marq, Ph.D.²
 68. Caroline Tapparel, Ph.D.²
 69. Manolis T. Dermitzakis, Ph.D.²
 70. Leonore Rougemont⁴
 71. Laurent Cimasoni, M.D.¹
 72. Cedric Howald, Ph.D.⁴
 73. Christine Lamon⁴
 74. Renaud Desgraz, Ph.D.³
 75. Sarantis Gagos, Ph.D.²
 76. Catia Attanasio, Ph.D.¹
 77. Bastien Braillard⁴
 78. Carole Burgi⁴
 79. Anna Moreno-Bernat⁴
 80. Leila Parant, M.Sc.⁴
 81. Homa Attar-Cohen, Ph.D.^{1,3}
 82. Anne-Elisabeth de la Barre, Ph.D.²
 83. Cristelle Borel, Ph.D.²
 84. Gipsy Lopez, M.Sc.⁴
 85. Irina Surkova, M.D.²
 86. Paola Prandini, Ph.D.²
 87. Sergei I. Nikolaev, Ph.D.²
 88. Lakshman Subrahmanyam³
 89. Marilena Papaioannou, Ph.D.³
 90. Daniel Robyr, Ph.D.²
 91. Bernard Conrad, M.D.²
 92. Periklis Makrythanasis, M.D.²
 93. Tetsuji Oishi³
 94. Natasha Farquet³
 95. Romain Seppey³
 96. Christelle Stouder M.Sc.⁴
 97. Stefania Gimelli, Ph.D.²
 98. Andrew J. Sharp, Ph.D.²
 99. Audrey Letourneau, Ph.D.^{1,3}
 100. Elizabeth Stathaki, M.Sc.⁴
 101. Mohamed Reza Sailani, Ph.D.^{1,3}
 102. Eugenia Migliavacca, Ph.D.²
 103. Konstantin Popadin, Ph.D.²
 104. Mari Nelis, Ph.D.²
105. Ximena Bonilla Ph.D.^{1,3}
 106. Federico Santoni, Ph.D.²
 107. Celine Brockmann, Ph.D.²
 108. Marianna Bustamante, M.Sc.⁴
 109. George Stamoulis^{1,3}
 110. Patrick Callier, Ph.D.²
 111. Mafalda Mucciolo, Ph.D.³
 112. Sonia Amabile, M.D.³
 113. Teresa Didonna, M.Sc.⁴
 114. Marco Garieri^{1,4}
 115. Monica Albarca Aguilera, Ph.D.²
 116. Marco Emilio Poleggi, Ph.D.²
 117. Eva Hammar, Ph.D.²
 118. Andreas Massouras, Ph.D.²
 119. Mohammad Ansar, Ph.D.²
 120. Vassilis Dionellis, M.Sc.⁴
 121. Rouaa ben Chaabene, M.Sc.⁴
 122. Maurus Locher M.Sc.¹
 123. Ambra Sartori, M.Sc.⁴
 124. Annick Trachsler-Salzmann, Ph.D.²
 125. Xavier Blanc, M.Sc.⁴
 126. Emmanuelle N. Ranza, M.D.⁵
 127. Fedor Bezrukov, Ph.D.²
 128. Czuee Morey, Ph.D.²
 129. Sayaka Omori M.Sc.²
 130. Naila Batool^{1,3}
 131. Tahir Sarwar, Ph.D.²
 132. Ilya Kolpakov, Ph.D.²

Clinical Trainees

- | | |
|-----------------------|-------------------------|
| 1. Albiru Farchadi D. | 7. Brun N. |
| 2. Aliferis K. | 8. Barker-Schaerer M. |
| 3. Al Petracco J.-C. | 9. Carminho M.T. |
| 4. Arzel Anderegg B. | 10. Cediell L. |
| 5. Aubry C. | 11. Chappuis-Bretton B. |
| 6. Broly M. | 12. Conrad B. |

- 13. Chevalier I.
- 14. Cottet L.
- 15. Couchepin F.
- 16. Curtis L.
- 17. Curtis Bruel J.
- 18. Dallèves F.
- 19. D'amato Sizonenko L.
- 20. Dutoit Marie-H.
- 21. Egger Jean-F.
- 22. Ejnès S.
- 23. ElAyeb Y.
- 24. Eliez S.
- 25. Fankhaugen L.
- 26. Filges I.
- 27. Gersbach M.
- 28. Giacobino A.
- 29. Gil R.
- 30. Goza E.
- 31. Gwamnesia L.
- 32. Hamami H.
- 33. Hariri A.
- 34. Kern I.
- 35. Kiraly C.
- 36. Lacroix L.
- 37. Lidgren M.
- 38. Makrythanasis P.
- 39. Quteineh L.
- 40. Ranza E.
- 41. Salvadiray Orag N.
- 42. Santosh I.
- 43. Varvagiannis K.
- 44. Williamson C.
- 45. Wonkam A.
- 46. Yerly S.
- 47. Zufferey R.

Scientific Review Experience

- Member, Special Study Section for Cystic Fibrosis Research, NIH, 1984, 1988, 1989.
- Member, Department of Energy Biology Review, 1990
- Member, Human Genome Study Section, NIH, 1990-1991
- Member, Mammalian Genetics Study Section, NIH 1991-1995
- Member, Program Project site visit committees, NIH, 1985-1993 (including Sickle Cell Centers, Human Genome Research Centers)
- Reviewer for the Human Frontier Research Program, European Union grants, Swiss National Science Foundation, German Human Genome Project program, MRC of the UK, The Netherlands Science Foundation, Israel Science Foundation, Wellcome trust.
- Member, Scientific Committee of the Italian Telethon Research Grants, 2000-2004.
- Member, Swiss National Research Council 2004-2013, 2015-2016.
- Member, Swiss National Foundation, Ambizione grants 2014-2017
- Chair, European Research Council (ERC) 2008, 2010, 2012, 2015. LS2 Section Genetics, Genomics, Systems Biology
- Member, Ad-hoc committee to evaluate the Director of the NIH, 2015.

Scientific Advisory Boards

- Member, Scientific Advisory Board (1992-1999); The Cyprus Institute for Genetics and Neurology, Nicosia, Cyprus.
- Member, Scientific Advisory Board (2002-2012); Center for Genomic Regulation, Barcelona, Catalunya, Spain.
- Member, Scientific Advisory Board (2004-2010); Institute for Biomedical Research, Athens Academy, Greece.
- Member, Scientific Advisory Board (2005-2014); The Center for Applied Genomics, University of Toronto, Canada.
- Member, Scientific Advisory Board (2005-present); Fondation "Imagine" Necker Hospital, Paris, France.
- Member, Scientific Advisory Board (2011-2014); Linda Crnic Inst. for Down Syndrome, Univ Denver, Colorado, USA.

Grant support

- New Investigator Research Award 1 R23 HL31503 from National Heart, Lung and Blood Institute, 1983-86
- March of Dimes-National Foundation, Basic Research Grant, 1953, 1985-87
- Principal Investigator, Grant 1R01 HD19591 from National Institutes of Health 1985-88.
- The Johns Hopkins University School of Medicine Institutional Grant 1985-86
- Principal Investigator and since 1994 co-investigator, grant 5R01 HL38165 from the National Institutes of Health, 1987-2000.
- Principal Investigator, Grant 5R01 DK39869 from the National Institutes of Health, 1987-90.
- Project Director, Grant 1PO1 GM41015 from the National Institutes of Health, 1988-93
- Project Director, Grant P01-HD24605 from the National Institutes on Health, 1989-94.
- Project Director, Grant P01-HG00373 from the National Institutes on Health, 1988-93.
- Principal Investigator, U.S. Dept of Energy DE-FG02-88ER60-85, 1989-93.
- Co-investigator, Grant 1R01 MH45588 from the National Institutes of Health, 1989-93

- Principal Investigator, Grant 1R13 HG00694 from the National Institutes of Health, 1992-93
- Principal Investigator, Grant 1R01 HG00468 from the National Institutes of Health, 1992-96.
- Principal Investigator, Grant 31-33965.92 from the Swiss National Science Foundation 1992-94.
- Co-Investigator, Grant PL-930015 from the European Community 1994-96.
- Principal Investigator, Grant 31-40500.94 from the Swiss National Science Foundation 1994-1999.
- Principal Investigator, Grant 95-667 from the Swiss League against Cancer 1995-97.
- Co-Investigator, Grant PL-950302 from the European Community 1996-98.
- Co-Investigator, Grant PL-950554 from the European Community 1996-99.
- Co-Investigator, Grant BMH-CT98-3039 from the European Community 1998-2001.
- Principal Investigator, Grant 4038-52845 from the Swiss National Science Foundation 1998-2000.
- Principal Investigator, Grant KFS 724-9-1998 from the Swiss League against Cancer 1999-2001.
- Principal Investigator, Grant KFS 1085-9-2000 from the Swiss League against Cancer 2001-2002.
- Principal Investigator, Grant 31-57149.99 from the Swiss National Science Foundation 1999-2004.
- Principal Investigator, Grant from the Foundation "Child Care" 2000-2005.
- Co-investigator, Grant NCCR 51NF40-11137(Centers of Excellence; Frontiers in Genetics) from the Swiss National Science Foundation 2001-2012.
- Principal Investigator, Grant OCS 1184-9-2001 from the Swiss Federation against Cancer 2002-2004.
- Co-Investigator, Grant QLG1-CT-2002-00816 (T21 targets) from the European Community 2002-2004.
- Principal Investigator, Grant 31-102231 from the Swiss National Science Foundation 2003-2006.
- Co-PIInvestigator, Grant HG-03-003 ENCODE, from the National Institutes of Health, 2003-2007.
- Co-Investigator, Grant LSHG-CT-2003-503265 "Biosapiens" from the European Community 2004-2008.
- Principal Investigator, Grant 31-105602 from the Swiss National Science Foundation 2004-2009.
- Co-Investigator, Grant LSHG-CT-2004-512003 "EureXpress" from the European Community 2005-2008.
- Principal Investigator, Integrated Project Grant LSHG-CT-2006-037627 "AnEUploidy" from the European Community FP6 2006-2010.
- Co-PIInvestigator, Grant U54 HG004557 ENCODE, from the National Institutes of Health, 2007-2010.
- Principal Investigator, R'Equip Grant 31-113127 from the Swiss National Science Foundation 2006-2007.
- Principal Investigator, R'Equip Grant 31-121418 from the Swiss National Science Foundation 2008-2009.
- Principal Investigator, Grant 31-127375 from the Swiss National Science Foundation 2009-2012.
- Principal Investigator, ERC (European Research Council) Advanced grant 249968 HuCNCs from the European Community FP7 2010-2014.
- Principal Investigator, Gebert Foundation for Rare Disorders grant GRS-047/10, 2011-2014
- Co-Investigator, Grant LSHG-CT-2011-282510 "Blueprint" from the European Community 2011-2016.
- Co-investigator, Grant NCCR (Centers of Excellence; Synapsy) Swiss National Science Foundation 2010-2016.
- Principal Investigator, Bonus of Excellence Grant 31-144082 from the Swiss National Science Foundation 2012-2015.
- Co-Investigator, Grant from SystemsX 2013-2016.
- Principal Investigator, grant from the ProVisu Foundation for Inherited Eye Disorders, 2014-2016.
- Principal Investigator, Grant 31-163180 from the Swiss National Science Foundation 2015-2018.
- Principal Investigator, grant from the ProVisu Foundation for Inherited Eye Disorders, 2019-2021.
- Principal Investigator, grant from the Aclon Foundation 2019-2020.

Honors - Awards

- First among 7500 candidates in The National Exam to enter the Athens Medical School, 1969
- Honor Student, Greek National Scholarship Foundation, (1969-1975)
- The Johns Hopkins Univ. School of Medicine Award for Postdoctoral Investigation, 1982
- Society of Pediatric Research: Young Investigator Award, 1984 (Ped. Res.18: 17A, 1984)
- Hippocrates Orator, London 1988, Hellenic Medical Society.
- Medal of Honor, Tokyo Medical College, 1989, Tokyo, Japan.
- American Academy of Pediatrics: Excellence in Pediatric Research Award 1992.
- Mauro Baschirotto Foundation Grant for Rare Disorders 1998-99.
- Linus Pauling Award and Lecture; Italian Society for Applied Molecular Medicine, 1997.
- Visiting Professor, India Institute of Medical Sciences, Delhi and Indian Institute of Science, Bangalore, India; 1998.
- Maria Lalioti (graduate student); young investigator award, European Society of Human Genetics 1998
- Maria Lalioti (graduate student); young investigator award, American Society of Human Genetics 1998
- M Neerman-Arbez (postdoctoral fellow); young investigator award, European Soc. Human Genetics 1999.
- Hamish S Scott (postdoctoral fellow); young investigator award, American Soc. Human Genetics 1999.

- Pfizer Prize for Research in Neurosciences, 1999 (with my graduate student Maria Lalioti).
- Roman Chrast (graduate student); young investigator award, European Society of Human Genetics 2000.
- Marie Wattenhofer (graduate student); Ardit Prize, Geneva 2001.
- Katia Attanasio (graduate student); Ardit Prize, Geneva 2002.
- Listed as one of the most cited scientists in the literature by the Institute for Scientific Information (<http://isihighlycited.com>)
- International Jerome Lejeune Prize, 2004, Paris, given by J-F Mattei, French minister of Health.
- 2003- Member (corresponding) of the Athens Academy of Arts and Sciences
- ESHG 2005 Award, from the European Society of Human Genetics (www.eshg.org/eshg_award.htm).
- Society of Scholars 2006; The Johns Hopkins University.
- Member European Molecular Biology Organization 2006 (www.embo.org/communities/members.html)
- Originator of the idea for an International Down Syndrome Day on March 21st. (http://en.wikipedia.org/wiki/World_Down_Syndrome_Day)
- Sam Deutsch (postdoctoral fellow); young investigator award, European Society Human Genetics 2006.
- Medal “Commander of the Order of the Phoenix” from the President of the Greek Democracy, Mr K. Papoulias, 2007.
- Swiss Society for Infectious Diseases Award 2008 (to all Swiss co-authors of Fellay et al Science 19oct07) <http://www.sginf.ch/ssi-home/awards/announcement-ssi.html>
- Andrew J Sharp (postdoctoral fellow); young investigator award, European Society Human Genetics 2009.
- ERC (European Research Council) Advanced grant 249968 HuCNCs from the European Community FP7 2010-2014.
- 2010- Elected to the AAP (Association of American Physicians; for the advancement of scientific and practical medicine) <http://aap-online.org/>.
- Audrey Letourneau (graduate student); “Isabel Oberlé” award on the genetics of mental retardation, European Society Human Genetics 2011.
- Reza M Sailani (graduate student); pregraduate award on the genetics of heart defects in Down syndrome; European Society Human Genetics 2012.
- Periklis Makrythanasis (postdoctoral fellow); von Meissner award from the Univ Geneva Medical School 2012.
- Youssef Hibaoui (postdoctoral fellow) Alex F Muller prize of the Faculty of Medicine, Univ Geneva 2015.
- Honorary Doctorate Degree (PhD Honoris Causa), Democritus University of Thrace, Health Sciences School, Alexandroupolis, Greece 2016 (<http://www.alexpoli.gr/dimokritio-panepistimio-timise-diethnous-fimis-ellina-epistimona-tou-exoterikou/>).
- Honorary Citizen of Mani, Greece 2016 (Mayor P Andreakos) (www.gtp.gr/TDirectoryDetails.asp?ID=13615).
- Prize for Lifetime Outstanding Contributions to Medicine 2016; Univ. of Athens, Faculty of Medicine, Cardiology.
- Prize for Lifetime Outstanding Contributions to Down Syndrome 2017; Hellenic Down Syndrome Society.
- 2017- Honorary Member (elected; highest membership), Swiss Academy of Medical Sciences.
- Emmanuelle Ranza (postgraduate physician); Best MD Thesis award, Medical Faculty, University of Geneva 2018.
- Honorary Doctorate Degree (PhD Honoris Causa), National University of Athens, Greece 2018 (<http://en.interel.uoa.gr/department-of-public-relations-protocol-and-cultural-events/events/great-hall.html>).
- Muhammad Ansar (postdoctoral fellow) Young Investigator Prize 2019 from the Swiss Society of Medical Genetics.
- “Montserrat Trueta” Outstanding Career Award 2019 from the Catalan Down syndrome Foundation and the Trisomy 21 Research Society.
- **The 2019 “William Allan Award” from the American Society of Human Genetics** (<http://www.ashg.org/press/201907-Allan-Award.shtml> <http://www.ashg.org/awards/index.shtml#collapseallan> <https://www.unige.ch/apropos/fr/prix-distinctions-nominations/stylianos-antonarakis-laureat-du-william-allan-award-2019/>). (<https://www.youtube.com/watch?v=Jc2jpoPcQVk&fbclid=IwAR34N3Mf6uWrVeLV2KQtEMY1vY7g96IJX4Kh7W3WgRpnsn3ZnXDYAeZdjfQ>).
- **Gregg Semenza (post-doctorate fellow in the lab 1987-1990); Nobel Prize for Medicine 2019** for his work on the impact of Hypoxia in cells. The initial paper for the hypoxia factor was: Semenza GL, Nejfelt MK, Chi SM, Antonarakis SE. Hypoxia-inducible nuclear factors bind to an enhancer element located 3' to the human erythropoietin gene. Proc Natl Acad Sci USA. 1991 Jul 1;88(13):5680-4. PMID: 2062846
- Greek Journalists award for lifetime achievements in Medicine, September 2021, Athens, Greece.
- The Roscoe Prize 2022 (for outstanding human genetics teaching and mentoring), The Jackson Laboratory, Bar Harbor Maine

Editorial Board

- Molecular Biology and Medicine (1986-1990) published by Academic Press, London
Antonarakis CV ; 27/04/23 ; page 9

- Genomics (1988-2008) published by Academic Press, San Diego
- Human Mutation (1992-) published by Wiley-Liss, New York
- Human Genetics (1994-2007) published by Springer, Berlin
- Journal of Medical Genetics (1995-) published by British Medical Journal, London
- Genome Research (1995-2005) published by Cold Spring Harbor, New York
- Cytogenetics & Cell Genetics (1997-) published by S Karger, Basel
- Journal of Human Genetics (1997-) published by Springer, Berlin
- European Journal of Pediatrics (2006-2013) published by Springer, Berlin
- Journal of Molecular Medicine (2007-) published by Springer, Berlin
- American Journal of Human Genetics (2008-2012), published by Cell Press, Boston
- Pathogenetics (2008-2010); Chief editor with A Ballabio, published by BMC, London
- Annual Reviews of Genomics and Human Genetics (2008-2013) published by Annual Reviews, Palo Alto, CA
- Genome Research (2009-), published by Cold Spring Harbor Laboratory Press, New York
- Senior Editor, eLife (2012-2016), published by the Howard Hughes Institute, Wellcome Trust, Max Plank Institutes
- Associate Editor, Molecular Case Studies (2014-), published by Cold Spring Harbor Laboratory Press, New York
- Associate Editor, Nature Genomic Medicine (2015-), published by the Nature Publishing Group

Professional Societies

- American Society of Human Genetics (ASHG)
Member, Board of Directors (2010-2014)
- Society for Pediatric Research (SPR)
- American Society for Clinical Investigation (ASCI), 1988
- Human Genome Organization (HUGO)
Elected Member of the Council (2000-2004)
Senior Editor, Chromosome 21
Elected Member of the Council (2010-2014)
President of HUGO, 2013-2017 (President Elect 2012-2013, President Emeritus 2017-)
Organizer of the HUGO Annual meeting in Geneva 2014, Kuala Lumpur 2015, Houston 2016.
- European Society of Human Genetics (ESHG)
Member, Scientific Program Committee 1997-2001
Member, Board of Directors 1998-2004
President Elect 2000-2001, Vice President 2002-2003
President, European Society of Medical Genetics, 2001-2002
Organizer of the Annual meeting in Geneva 1999
- Swiss Society of Medical Genetics (SSMG)
- Societe Academique de Genève
- Swiss Society of Experimental Biology (USGEB)
- European Molecular Biology Organization member (elected 2006) (www.embo.org/communities/members.html)
- Founding Fellow, American College of Medical Genetics (ACMG)
- Association of American Physicians (AAP), 2010
- Trisomy 21 Research Society, 2016
- Member of the Senat, Swiss Academy of Medical Sciences, 2017

Corporate Activities

Medigenome, Swiss Institute of Genomic Medicine

Established in 2018

Co-founder, CEO, and Chief Medical Officer since 2018

4 Rue Viollier

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www.medigenome.ch

Other Appointments

- Elected member, Governing board, International School of Geneva (1998-2002)

Bibliography

Stylianos Emmanuel Antonarakis M.D., D.Sc.

Google scholar H-index 159 (updated Apr 2023); citations 129,000 (Mar 2023)

Boxed papers have more than 50 ISI citations each (N=297; updated Mar 2023)

<http://www.ncbi.nlm.nih.gov/pubmed/?term=antonarakis+s>

ORCID number <https://orcid.org/0000-0001-8907-5823>

001-OA Antonarakis SE, Boehm CD, Giardina PVJ, Kazazian HH Jr. Non-Random association of the polymorphic restriction sites in the beta-globin gene cluster. *Proceedings of the National Academy of Sciences USA* 79: 137-141, 1982 [PMID: 6275383] (abstract).

002-R Antonarakis SE, Phillips JA, Kazazian HH Jr. Genetic diseases: Diagnosis with restriction endonuclease analysis. *Journal of Pediatrics* 100: 845-857, 1982.

003-OA Orkin SH, Kazazian HH Jr., Antonarakis SE, Goff SC, Boehm CD, Sexton JP, Waber PG, Giardina PVJ. Linkage of beta-thalassemia mutations, and beta-globin gene polymorphisms with DNA polymorphisms in the human beta-globin gene cluster. *Nature* 296: 627-631, 1982 [PMID: 6280057].

004-BC Boehm CD, Phillips JA, Antonarakis SE, Kazazian HH Jr. Prenatal diagnosis by restriction analysis: Methodology and experience. In Scott RB (ed.) "Advances in the Pathophysiology diagnosis and treatment of sickle cell disease". AR Liss, New York, p.17-26, 1982.

005-BC Boehm CD, Phillips JA, Antonarakis SE, Kazazian HH Jr. Prenatal diagnosis of hemoglobinopathies by restriction analysis: Methodology and experience. In Willey A, Carter T, Kelly S, Porter I (eds.) "Clinical Genetics: Problems in diagnosis and counseling". Academic Press, New York. pp. 11-20, 1982.

006-OA Antonarakis SE, Orkin SH, Kazazian HH Jr, Goff SC, Boehm CD, Waber PG, Sexton JP, Ostrer H, Fairbanks VF, Chakravarti A. Evidence for multiple origins of the beta-E-globin gene in Southeast Asia. *Proceedings of the National Academy of Sciences USA* 79: 6608-6611, 1982.

007-BC Kazazian HH Jr, Chakravarti A, Orkin SH, Antonarakis SE. DNA polymorphisms in the human beta-globin gene cluster. In Nei M. and Kohen RK (eds) "Evolution of genes and proteins". Sinauer Assoc. Sunderland, MA. pp. 137-146, 1983.

008-OA Orkin SH, Kazazian HH Jr, Antonarakis SE, Ostrer H, Goff SC, Sexton JP. Abnormal RNA processing due to the exon mutation of the beta-E globin gene. *Nature* 300: 768-769, 1982 (DOI: 10.1038/300768ao) [PMID: 7177196] (abstract).

009-BC Kazazian HH Jr, Antonarakis SE, Cheng TC, Boehm CD, Waber PG. DNA polymorphisms in the beta-globin gene cluster: Use in discovery of mutations and prenatal diagnosis. In Caskey CT and White R. (eds) "Recombinant DNA applications to human diseases". Banbury Report #14, Cold Spring Harbor Lab. publ., pp. 29-39, 1983.

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011-OA Boehm CD, Antonarakis SE, Phillips JA, Stetten G, Kazazian HH Jr. Prenatal diagnosis using DNA polymorphisms: Report on 95 pregnancies at risk for sickle cell disease or beta-thalassemia. *New England Journal of Medicine* 308: 1054-1058, 1983.

012-BC Orkin SH, Antonarakis SE, Kazazian HH. The molecular genetics of human globin genes and thalassemias. *Proceedings of the 19th Congress of Intern Society of Hematology*, 1983.

013-BC Kazazian HH, Antonarakis SE, Cheng TC, Boehm CD, Waber PG. DNA polymorphisms in the beta-globin gene

cluster. A strategy for discovering new mutations. In Messer A, Porter IH (eds) "Recombinant DNA and Medical Genetics". Academic Press, NY, pp. 135-145, 1983.

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016-OA Fearon ER, Kazazian HH, Jr., Waber PG, Lee JI, Antonarakis SE, Orkin SH, Vanin EF, Henthorn PS, Grosveld FG, Scott AF, Buchanan GR. The entire beta-globin gene cluster is deleted in a form of β-thalassemia. *Blood* 61: 1273-1278, 1983.

017-BC Antonarakis SE, Kazazian HH. Molecular basis of the thalassemia syndromes. In Schmidt, RM and Fairbanks VF, (eds) CRC Handbook in Hematology. CRC Press, Inc., pp. 249-261, 1986.

018-BC Orkin SH, Antonarakis SE, Kazazian HH. Polymorphism and molecular pathology of the human beta-globin gene. In Brown EB, (ed) Progress in Hematology, Vol. XIII, 49-73, 1983.

019-OA Kazazian HH, Jr., Orkin SH, Boehm CD, Sexton JP, Antonarakis SE. beta-thalassemia due to deletion of the nucleotide which is substituted in sickle cell anemia. *American Journal of Human Genetics* 35: 1028-1033, 1983.

020-OA Boyer SH, Dover GJ, Serjeant GR, Antonarakis SE, Embury SH, Smith KD, Margolet L, Noyes AN, Boyer ML, Bias WE. Production of F cells in sickle cell anemia. Regulation by a polymorphic genetic locus separate from the beta-globin gene cluster. *Blood* 64: 1053-1058, 1984.

021-OA Antonarakis SE, Phillips JA, Mallonee RL, Kazazian HH, Fearon ER, Waber PG, Kronenberg HM, Ullrich A, Meyers DA. beta-globin gene cluster is linked to parathyroid hormone (PTH) gene and lies between the insulin and PTH loci on chromosome 11p in man. *Proceedings of the National Academy of Sciences USA* 80: 6615-6619, 1983.

022-BC Antonarakis SE, Orkin SH, Kazazian HH. Thalassemia model: Genetic heterogeneity in inborn errors of metabolism. In Wapnir RA, (ed) "Congenital Metabolic Diseases". Marcel Dekker, Inc., NY, pp. 51-68, 1985.

023-OA Kazazian HH, Fairbanks VF, Waber PG, Boehm CD, Lee JI, Antonarakis SE. Hemoglobin E in Europeans: Further evidence for multiple origins of the beta-E-globin gene. *American Journal of Human Genetics* 36: 212-217, 1984.

024-OA Antonarakis SE, Valle D, Moser HW, Moser A, Qualman SJ, Zinkham WH. Phenotypic variability in siblings with Farber's disease. *Journal of Pediatrics* 104: 406-409, 1984.

025-OA Fearon ER, Antonarakis SE, Meyers DA, Levine MA. c-Ha-Ras-1 oncogene lies between beta globin and insulin loci on human chromosome 11p. *American Journal of Human Genetics* 36: 329-337, 1984.

026-OA Antonarakis SE, Boehm CD, Serjeant GR, Theisen CE, Dover GJ, Kazazian HH. Origin of the beta-S globin gene in Blacks: The contribution of recurrent mutation and/or gene conversion. *Proceedings of the National Academy of Sciences USA* 81: 853-856, 1984.

027-OA Antonarakis SE, Orkin SH, Cheng TC, Scott AF, Sexton JP, Trusko S, Charache S, Kazazian HH. β-thalassemia in American Blacks: Novel mutations in the TATA box and IVS-2 acceptor splice site. *Proceedings of the National Academy of Sciences USA* 81: 1154-1158, 1984.

028-OA Hutz MH, Michelson AM, Antonarakis SE, Orkin SH, Kazazian HH, Jr. Restriction site polymorphism in the phosphoglycerate kinase (PGK) gene on the X chromosome. *Human Genetics* 66: 217-219, 1984.

029-OA Cheng TC, Orkin SH, Antonarakis SE, Potter MJ, Sexton JP, Markham AF, Giardina PJV, Li A, Kazazian HH, Jr. β-thalassemia in Chinese: Use of in vivo RNA analysis and oligonucleotide hybridization in systematic characterization of molecular defects. *Proceedings of the National Academy of Sciences USA* 81: 2821-2825, 1984.

030-OA Kazazian HH, Orkin SH, Antonarakis SE, Sexton JP, Boehm CD, Goff SC, Waber PG. Molecular characterization of seven beta-thalassemia mutations in Asian Indians. *EMBO Journal* 3: 593-596, 1984.

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032-OA Orkin SH, Antonarakis SE, Loucopoulos D. Abnormal processing of beta Knossos gene. *Blood* 64: 311-313, 1984 [PMID: 6733281] (abstract).

033-OA Chakravarti A, Buetow KH, Antonarakis SE, Waber PG, Boehm CD, Kazazian HH. Non-uniform recombination within the human beta-globin gene cluster. *American Journal of Human Genetics* 36: 1239-1258, 1984.

034-OA Orkin SH, Antonarakis SE, Kazazian HH. Base substitution at position -88 in a beta-thalassemia globin gene: Further evidence for the role of distal promoter element ACACCC. *Journal of Biological Chemistry* 259: 8679-8681, 1984.

035-OA Weinberg RS, Antonarakis SE, Kazazian HH, Dover GJ, Orkin SH, Lenes AL, Schofield JM, Alter BP: Fetal hemoglobin synthesis in erythroid cultures in hereditary persistence of fetal hemoglobin and β₀-thalassemia. *Blood* 63: 1278-1284, 1984.

036-OA Boehm CD, Dowling CE, Antonarakis SE, Honig GR, Kazazian HH. Evidence supporting an unicentric origin of the beta-C globin gene in Blacks. *American Journal of Human Genetics* 37: 771-777, 1985.

037-OA Chaganti RSK, Jhanwar SC, Antonarakis SE, Hayward WS. Germ line chromosomal localization of genes in chromosome 11p linkage: Parathyroid hormone, beta-globin, c-Ha-Ras-1 and insulin. *Somatic Cell Molecular Genetics* 11: 197-202, 1985.

038-OA Antonarakis SE, Kazazian HH, Orkin SH: DNA polymorphisms and molecular pathology of the human globin gene clusters. *Human Genetics* 69: 1-14, 1985.

039-OA Noguchi CR, Dover GJ, Rodgers GP, Serjeant GR, Antonarakis SE, Anagnou NP, Higgs DR, Weatherall DJ, Schechter AN. beta-thalassemia changes erythrocyte heterogeneity in sickle cell disease. *Journal of Clinical Investigation* 75: 1632-1637, 1985. [PMID: 2581999] (abstract).

040-OA Orkin SH, Cheng TC, Antonarakis SE, Kazazian HH Jr. beta-thalassemia due to a mutation in the cleavage-polyadenylation signal: Evidence against strong transcription termination within 900 bp downstream from the human beta-globin gene. *EMBO Journal* 4: 453-456, 1985.

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047-OA Kittur SD, Antonarakis SE, Tanzi RE, Meyers DA, Chakravarti A, Groner Y, Phillips JA, Watkins PC, Gusella JF, Kazazian HH, Jr. Linkage map of three anonymous human DNA fragments and SOD-1 on chromosome 21. *EMBO Journal* 4: 2257-2260, 1985.

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052-RFLP Cohen T, Karathanasis SK, Kazazian HH, Antonarakis SE. DNA polymorphisms in the ApOAI-CIII-AIV gene cluster: Taq I and Ava I. *Nucleic Acids Research* 14: 1924, 1986.

053-RFLP Oettgen P, Antonarakis SE, Karathanasis SK. Pvu II polymorphic site in the ApOAI-CIII-AIV gene cluster. *Nucleic Acids Research* 14: 6571, 1986.

054-RFLP Oettgen P, Antonarakis SE, Karathanasis SK. Bgl II polymorphic site in the ApOAI-CIII-AIV gene cluster. *Nucleic Acids Research* 14: 7138, 1986.

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- 068-OA Youssoufian H, Antonarakis SE, Phillips, DG, Aronis S, Tsiftis G, Kazazian HH, Jr. The molecular genetics of hemophilia A: Five different partial deletions of factor VIII:C gene. *Proceedings of the National Academy of Sciences USA* 84: 3772-3776, 1987.
- 069-OA Dover GJ, Chang VT, Boyer SH, Serjeant BG, Antonarakis SE, Higgs DR. The cellular basis for different fetal hemoglobin levels among sickle cell individuals with two, three and four alpha globin genes. *Blood* 69: 341-344, 1987.
- 070-OA Wong C, Antonarakis SE, Goff SC, Orkin SH, Forget BG, Nathan DC, Giardina PJV, Kazazian HH, Jr. beta-thalassemia due to two novel nucleotide substitutions in consensus acceptor splice sequences of the beta-globin gene. *Blood* 73: 914-918, 1989.
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OA: original articles	584
BC: book chapters	68
R: reviews	63
N&V: news and views	10
Let: letters	6
OL: original letters with data	8
RFLP: polymorphism reports	12
CR: committee reports	13
E: Editorial	5
BF: Book forward	1
Book: Books	10

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Citations	129102	36173
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i10-index	636	319

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Γενεύη, 26 Απριλίου 2023

Συμβούλιο Διοίκησης ΕΚΠΑ 2023

Αγαπητή/έ κυρία/κύριε

Επιθυμώ ευγενικά να σας εκφράσω την εκδήλωση ενδιαφέροντος για τη θέση εξωτερικού μέλους του συμβουλίου διοίκησης του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών (ΕΚΠΑ) σύμφωνα με την ανακοινωση σας και την ισχύουσα νομοθεσία.

Είμαι υπερήφανος που σπούδασα στην Ιατρική Σχολή του ΕΚΠΑ την περίοδο 1969-1975 και ιδιαίτερα ευγνώμων που έγινα επίτιμος διδάκτορας του ίδιου πανεπιστημίου το 2018. Θα ήθελα λοιπόν να χρησιμοποιήσω την εκτεταμένη και πολυετή ακαδημαϊκή μου εμπειρία (σε πανεπιστήμια της Ευρώπης και της Αμερικής) στη θέση του μέλους του συμβουλίου διοίκησης, για την καλή λειτουργία του ΕΚΠΑ και την διεθνή του ακτινοβολία.

Μετά τιμής

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