CURRICULUM VITAE

Stephen P. Daiger, Ph.D.,
TS Matney Professor in Environmental and Genetic Sciences
Mary Farish Johnston Distinguished Chair in Ophthalmology

August 2020

BUSINESS ADDRESS

Human Genetics Center, EHGES Department, School of Public Health, RAS W-522
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EDUCATION

A.B., June 1965, Johns Hopkins University, Baltimore, Maryland. Major: experimental psychology.
Special student, Johns Hopkins University, 1969.

U.S. Army Medical Field Service School, U.S. Army Chemical School, 1966, 1968.

Ph.D., September 1971 - April 1976, Department of Biological Sciences, Stanford University, Stanford, California.

Research Specialization:	Human population genetics/biochemical genetics.
Thesis Advisor:	L. Luca Cavalli-Sforza, M.D.
Faculty Advisor:	Marcus W. Feldman, Ph.D.

Postdoctoral Fellow in Medical Genetics, University of Washington, Seattle, Washington, January 1976 - August 1978. Sponsor: Arno G. Motulsky, M.D.

EMPLOYMENT

Officer, U.S. Army Medical Service Corps, Ft. Belvoir, Virginia, 1966 - 1968.

Staff Assistant, California Medical Association, San Francisco, California, 1969 - 1971.

Research Assistant Professor, Department of Pediatrics, Baylor College of Medicine, September 1978 - September 1981.

Professor with Tenure (1988); Research Assistant Professor (1981) and Research Associate Professor (1983); Human Genetics Center, School of Public Health (previously Graduate School of Biomedical Sciences), The Univ. of Texas Health Science Center, Houston, TX, September 1981 - present.

ADJUNCT and JOINT FACULTY POSITIONS

Professor, Department of Ophthalmology and Visual Science, The Univ. of Texas Health Science Center at Houston, 1994 - present.

Member of the Graduate Faculty, Graduate School of Biomedical Sciences, UT-Houston, 1981 - present.

Adjunct Professor (1989) and Adjunct Faculty Member (1983), School of Allied Health Sciences, The Univ. of Texas Health Science Center at Houston, Sept. 1983 – Dec. 2005.

Adjunct Professor (1989) and Adjunct Assistant Professor (1983), Department of Pediatrics, Baylor College of Medicine, Houston, Texas, May 1983 - 2001.

Adjunct Professor (1989) and Adjunct Assistant Professor (1986), Institute for Molecular Genetics, Baylor College of Medicine, Houston, Texas, June 1986 - August 1992.

Special Faculty Member, Graduate School of Biomedical Sciences, The Univ. of Texas Health Science Center at Houston, February 1979 – Sept. 1981.

RECENT TEACHING EXPERIENCE

Course Organizer and Instructor, PH2830, Clinical Genetics in Epidemiology, 2008 - 2020.

Course Instructor, PH2770, NIH Proposal Development, 2012 - 2019.

Course Instructor, GSBS HMG Program Module 3, Clinical Medical Genetics, 2017 - 2019.

Course Organizer and Instructor, PH2998, Introduction to Medical Genetics in Public Health, 2007.

Course Instructor, Human Population Genetics, Institute for Molecular Genetics, Baylor College of Medicine, Fall Quarter 1987 - 1990.

Lecturer, Medical Genetics, Baylor College of Medicine, 1978 - 1990; Lecturer, Medical Genetics, UT-Houston Medical School, 1982 - present; Lecturer, Population Genetics, UT-Houston School of Allied Health Sciences, 1982 - 2000; Lecturer, DNA Fingerprinting, UT-Houston, 1992 - 2004.

Course Instructor, Intro. to Biological Sciences, School of Public Health, 1997 - 2002.

Course Instructor, Human DNA Variation, Graduate School of Biomedical Sciences and School of Public Health, UT-Houston, 30 hours, Spring Semester, 1984 - 2005.

ACADEMIC AWARDS and HONORS

California State Fellowship, 1971-1973.
Achievement Awards for College Scientists (ARCS), Inc., 1973-1974.
NIH Postdoctoral Fellowship, June 1975-1977.
Outstanding Faculty Award, Graduate School of Biomedical Sciences, UT-Houston, 1990.
Dean's Excellence Award, 1994-2002; Marshal, Honors Convocation, UT-Houston, 1994.
Excellence in Research/Scholarship Incentive Award, School of Public Health, FY 2001 - FY 2006

(**ACADEMIC AWARDS and HONORS -** continued**)**

Thomas Stull Matney PhD Professor of Environmental and Genetic Sciences, 2004.
2013 Barbara Bowman Distinguished Texas Geneticist, Texas Genetics Society.
2014 ARVO Silver Fellow.
2015 Elected Fellow, American Association for Advancement of Science (AAAS).
2016 Distinguished Service Award, Texas Genetics Society.

PROFESSIONAL MEMBERSHIPS

American Association for the Advancement of Science, since 1965.
American Society of Human Genetics, since 1973.
Texas Genetics Society, since, 1978.
Human Genome Organization (HUGO), since 1995.
Association for Research in Ophthalmology and Vision (ARVO), since 1993.
International Society for Genetic Eye Disease and Retinoblastoma, since 2006.

OTHER PROFESSIONAL ACTIVITIES

- **The Univ. of Texas Health Science Center at Houston**:

Member, Intellectual Property Advisory Committee, 1993 - 2016;

Member, Research Conflict of Interest Committee, 2002 – 2014;

Member, Institutional Biosafety Committee and DNA Subcommittee, 1982 - 1997;

Member, PEW Scholar's Selection Committee, September 1986;

Steering Committee Member, Medical Genetics Training Program, 1986 - 2004;

Chairman, Institutional Effectiveness Committee, 1988 - 1991;

Member, Annual Campaign Committee, 1989 - 1990;

Chairman, Awards Standing Committee, 1992 - 1996; member 2009 – 2012;

Member, Campus Master Plan Focus Group and Brainstorming Sessions, 1993;

Member, Training Program Executive Committee, Houston Area Vision Training Program (funded NEI-NIH Training Program), 1994 - present;

Member, Neurologic Research Center, UT-Houston, 1995 - present;

Member, Graduate School Evaluation Committee, 1996 - 1997; 2010;

Member, Internal Scientific Advisory Committee, Specialized Center of Research in Scleroderma (SCORE), Department of Internal Medicine, 1997 - 2018;

Member, Scientific Review Committee, 1999 - 2018;

OTHER PROFESSIONAL ACTIVITIES - continued))

Member CCTS Engine of Innovation, 2008-present.

- **Graduate School of Biomedical Sciences, UTHCS-Houston**:

  President Elect and President, Graduate Faculty, 2004 - 2007;

  Member, Executive Committee, 2009 – 2011;

  Member and Chairman, Academic Standards Committee, 1983 - 1987;

  Chairman, Faculty Search Advisory Committee, 1984;

  Member, Genetics Program Committee, 1985 - 1989;

  Member, Faculty Development Leave Committee, 1989 - present;

  Member, GSBS Planning Committee, 2000 - present;

  Member, GSBS Endowed Professorship Nominating Committee, 2006-2007;

  Member, Schissler Scholarship Review Committee, 2006.

- **School of Public Health, UT-Houston**:

  Chair (since 2002) and Member, Scholarship and Traineeship Awards Committee, 1996 - 2020;

  Convener, Biological Sciences Discipline, 1998 - 2005;

  Member, Faculty Council, 2008 – 2020;

  Chair, Faculty Search Committee, Human Genetics Center, 2000 - 2020.

- **National Institutes of Health**:

  National Eye Institute: Network Laboratory Director, EyeGENE Network Collaborator; member, EyeGENE Steering Committee; member, NEI-NIH Data Access Committee;

  Member, Special Evaluation Panel, National Eye Institute, 1992 – 2020;

  Ad Hoc Member, Mammalian Genetics Study Section, 1982;

  Ad Hoc Member, Visual Sciences C, 1998-1999;2015;

  Site Visit Team Member and Special Study Section Member: July 1983; May, August, September 1984; February, September 1985; July 1986; March 1989; January, March 1990; July, November (Chair) 1991; October 1992; June 1993; February 1995; August 2012.

(**OTHER PROFESSIONAL ACTIVITIES -** continued)

- **Texas Genetics Society**:

  Member, Board of Directors, 1984-1994; 2012-2018;

  President Elect and President, 1990-1992;

  Chairman, Program Committee, 13th Annual Meeting, March 1986, Houston, TX;

  Chairman, Nominating Committee, 1988-1989; 1995-1996;

  Member, Nominating Committee, 1999 - 2002.

- **Foundation Fighting Blindness (National Retinitis Pigmentosa Foundation)**:

  Chair, Genetics Committee, and Vice Chair, Scientific Advisory Board, 1998 – present;

  Invited Speaker, Annual Meeting of Board of Directors and Scientific Advisory Board, April 1984, April 1987, May 1998, Jan. 2002; Jan. 2004; Jan. 2005; through 2020;

  Workshop Chairman, *Future Directions in Linkage of DNA Polymorphisms to Retinitis Pigmentosa*, March 5, 1984, Houston, Texas;

  Site Visit Team Member, March 1987, May 1988; Grant Review 1990, 1991;

  Retinal Donor Committee, July 1996;

  Houston-Gulf Coast Chapter, Foundation Fighting Blindness, Member, Scientific Advisory Board, 1984-present.

- **Other**

  MD Anderson Hospital and Tumor Institute, Houston, Texas, Program Committee Member and Instructor, Workshop in Molecular Genetics, 40th Annual Symposium on Fundamental Cancer Research, November 1987.

  Texas Neurofibromatosis Foundation, Member, Medical Advisory Board, 1984-1991.

  Southwest Foundation for Biomedical Research, Member, External Review Committee, 1988-1994.

  Howard Hughes Medical Institute, Site Visit Team Member, Human Gene Mapping Library, Feb. 1989.

  Testimony as an Expert Witness: Texas v. Fuller, February, March 1989; Texas v. Trimboli, April 1989; Texas v. Clarke, August 1989; California v. Mello, September 1989; California v. Wilds, October 1989; New Mexico v. Andrews, January 1990; United States v. Yee, July 1990; South Dakota v. Young, December 1990; United States v. Porter, January 1991; New Hampshire v. VandeBogart, February, July 1991; Washington v. Gentry, March 1991; Texas vs. Lewis, April 1992, April 1994; Washington v. Selwyn, July 1995; Texas v. Rameriz-Resendez, April 2000; Texas v. Garcia, January 2002.

OTHER PROFESSIONAL ACTIVITIES - continued)

The Univ. of Texas Human Genome Program, Member, Steering Committee, 1989 - 1998.

National Tuberous Sclerosis Ass'n, Member, Professional Advisory Board, 1990 - present.

Federal Bureau of Investigation, Member, Working Group on Statistical Standards for DNA Analysis, July 1989, October 1989, January 1990, June 1990.

Chairman, CEPH Consortium Chromosome 8 Committee, 1992-1996.

Journal review: Arch. Ophthalmol., Amer. J. Human Genetics, Circulation, Cytogenetics Cell Genetics, Genomics, Human Genetics, Human Heredity, Human Mutation, Human Molecular Genetics, IOVS, Molecular Vision, Nature, Nature Genetics, Ophthal., Science.

First Editor, Molecular Genetics Section, *Archives of Ophthalmology*, 1994 – present.

Member Editorial Review Board, *Molecular Vision*, 1995 – present.

Organizer and Chair, Workshop on the Role of IMPDH1 in Inherited Retinal Degeneration, Houston, July 13 - 15, 2004.

CONSULTING

Scientific Advisory Board, AGTC (Applied Genetics Technology Corporation), 2014-present;

Consultant, Spark Therapeutics, Arrowhead Pharmaceuticals, 2018-present;

Scientific Advisory Board, Bikam Pharmaceuticals, 2004-2015.

MAJOR RESEARCH SUPPORT

- **National Institutes of Health, Principal Investigator**:

EyeGENE Network Contract, National Eye Institute, Principal Investigator, 5% time, fee-for-service testing, 2007 – Oct. 2022**;**

Grant EY07142, "DNA Linkage Studies of Degenerative Retinal Diseases", Principal Investigator, 20% time, $250,000/yr, and Administrative Supplement; Jan. 1989 – August 2019;

Grant AM30471, "Restriction Site Polymorphisms in Human DNA," Principal Investigator, 50% time, $166,102 (direct), July 1982 - June 1985;

Small Instrument Grant EY07219, "Liquid Scintillation Counter", Principal Investigator, $17,750, August 1987 - July 1988;

Grant EY14170, "Identification of the RP10 gene causing retinitis pigmentosa", Principal Investigator, 10% time, $225,000 current year, Sept 2002 - August 2006.

(**MAJOR RESEARCH SUPPORT** – continued)

- **GSBS BRSG Committee Grants**:

  "Restriction Site Polymorphisms in Human DNA," Principal Investigator, $18,800, Oct. 1981 - Sept. 1982;

  "DNA Linkage Mapping in Human Reference Families from the Centre d'Etude Polymorphisme Humain (CEPH)", Principal Investigator, 15% time, $6,210, Jan. 1985 - Dec. 1986;

  "Ultracentrifuge Rotor", $5,700, 1983; "Microdensitometer", $4,500, 1987; "Nucleic Acid Extractor", $15,800, 1987.

- **National Institutes of Health, Coinvestigator or Collaborator:**

  Supplemental NIH Grant Proposal HD17711, "Phenylketonuria and the Phenylalanine Hydroxylase Gene", Coinvestigator, 10% time, (Savio LC Woo, Principal Investigator), $12,000 (direct), April 1985 - May 1988;

  Specialized Center of Research in Heart Failure HL42267, Coinvestigator, 5% time, (Robert Roberts, Principal Investigator), $54,633 (direct), Dec. 1990 - Nov. 1994;

  "DNA Linkage Studies of Cleft Lip and Palate", Co-Investigator, 5% time, (Dr. Jacqueline Hecht, Principal Investigator), no direct support, June 1991 - May 1996;

  "CEPH Consortium Chromosome 8 Committee", Committee Chair, (Jeffrey Murray, Principal Investigator), $8,000, Oct. 1992 - Sept. 1993;

  "Retinal Pathophysiology in Infants and Adults", EY05235, Co-Investigator, Mutation Detection Subcontract, 10% time, $155,827 (total Subcontract), (David G. Birch, PhD, Principal Investigator), April 1994 - March 1997; $325,000 (total Subcontract), (David G. Birch, PhD, Principal Investigator), May 1997 - March 2006.

- **National Retinitis Pigmentosa Foundation:**

  "A Linked DNA Marker for Autosomal Dominant Retinitis Pigmentosa", Principal Investigator, 20% time, $54,400, Jan. 1983 - July 1986;

  Support for workshop "Future Directions in Linkage of DNA Polymorphisms to Retinitis Pigmentosa", Chairman, $7,000, March 5, 1984.

- **Foundation Fighting Blindness**:

  "Molecular Studies of Autosomal Forms of Retinitis Pigmentosa", Principal Investigator, $80,000/year, 5% time, Sept. 1996 – August 2022;

  "RetNet, Retinal Information Network", Principal Investigator, $15,000/year, 5% time, Sept. 1999 - August 2019;

  "Factors affecting clinical consequences of mutations causing X-linked retinitis pigmentosa", Principal Investigator, $80,000/year, 5% time, May 2010 – April 2016;

(**MAJOR RESEARCH SUPPORT** – continued)

(**FFB** - continued)

"Targeted High Throughput Sequencing for Gene Discovery for Retinitis Pigmentosa", Principal Investigator, $300,000 per year, 5% time, June 2008 – May 2013;

"Support Program for DNA Linkage Studies of Degenerative Retinal Diseases", Program Coordinator, 15% time, $51,328, Jan. 1986 - Dec. 1988;

"DNA Linkage Studies of Degenerative Retinal Diseases" (renewal), Principal Investigator, $106,355, 50% time, July 1986 - June 1991;

"Supplement to Support Program for DNA Linkage Studies of Degenerative Retinal Diseases", Program Coordinator, 50% time, $162,273 (plus $8,000 supplement, June 1987), Oct. 1986 - Sept. 1989;

"DNA Linkage Studies of Degenerative Retinal Diseases", Principal Investigator, $257,000, 45% time, Sept. 1990 - August 1993;

"Molecular Studies of Autosomal Forms of Retinitis Pigmentosa", Principal Investigator, $299,819, 40% time, Sept. 1993 - August 1996;

"Large Deletions Causing Retinitis Pigmentosa and Related Diseases", Principal Investigator, $80,000/year, 5% time, July 2007 – June 2010.

- **National Institute of Justice**:

  "Analysis of DNA Typing Data for Forensic Applications", 90-IJ-CX-0038, Principal Investigator, 15% time, $199,015 (direct), June 1990 - May/Dec. 1992;

  "Comparison of Allelic Variation and Statistical Properties of RFLP versus PCR-Based DNA Profiles", 92-IJ-CX-K024; Principal Investigator, 10% time, $100,00 (direct), Dec. 1992 - Nov. 1994.

- **Other**:

  Grant from the William Stamps Farish Fund, "The Texas 1000 Project", $15,000 per year, July 2015-June 2019;

  Award from the Hermann Eye Fund, "Advanced DNA Testing for Diagnosis and Treatment of Retinitis Pigmentosa", $300,000, 2015;

  Grant from the Posthumus Family, $10,000, 2012; other contributions, $5,000, 2012;
  Grant from the O'Brien family of Houston, Texas, "Tuberous Sclerosis", Principal Investigator, 50% time, $150,000, Sept. 1979 - August 1981;

  National Institutes of Health, Sponsor for National Research Service Award (Postdoctoral Fellowship), EY06467, "Candidate Genes for Retinal Degeneration on Chromosome 8", Dr. Lori A. Sadler, Oct. 1992 - Sept. 1994;

(**MAJOR RESEARCH SUPPORT** – **Other** continued)

Hermann Eye Fund, William Stamps Farish Fund, the M.D. Anderson Foundation, Alfred Lasher III : "Laboratory for the Molecular Diagnosis of Inherited Eye Diseases", Principal Investigator and Director, $535,000, 10% time, Sept. 1994 - August 2004;

John S. Dunn Research Foundation, Genetic Analysis Equipment, Lab. for Molecular Diagnosis of Inherited Eye Diseases, Principal Investigator, $67,500, Dec. 1998;

NIH-NEI Training Grant, UT-Houston Department of Ophthalmology, Supervisor for Predoctoral Training, Rachel E. McGuire and Melanie M. Sohocki, Jan. 1995 - May 1999;

The University of Texas - Houston Collaborative Research Program: "Identification of a human retinitis pigmentosa gene on chromosome 8 using genomic DNA sequencing", Coinvestigator (with Dr. George Weinstock), 5% time, $78,400 (direct), Dec. 1995 - Nov. 1996;

National Institutes of Health, Sponsor for Physician Scientist Award (K08), EY00350, “Molecular genetic studies in corneal dystrophies”, Dr. Richard Yee, Dec. 1995 - Nov. 2000.

PATENT FILED

SP Daiger, MM Sohocki, Diagnosis and Treatment of Retinal Diseases Associated with Human AIPL1, January 2001.

THESIS

SP Daiger. The Genetics of Transport Proteins in Human Plasma and Serum. Ph.D. Thesis, Stanford University, April 1976.

BOOK CHAPTERS

1. SP Daiger. Biologic significance of genetic variation in human Gc (vitamin D-binding protein). In: Vitamin D, Basic Research and its Clinical Applications, Walther de Grutyter. New York: Hawthorn, pp. 129-136, 1979.

2. J Constans, H Cleve, A Bennet, R Bouillon, DW Cox, SP Daiger, et al. Group-specific component protein. Report of the First International Workshop, College de France, Paris, July 1978. Hum. Genet., 48:143-149, 1979.

3. SP Daiger, R Chakraborty. Chapter 5. Mapping the human Y chromosome. In "The Cytogenetics of the Mammalian Y Chromosome", Avery A. Sandberg Editor, Alan R. Liss, New York, 1985.

4. SP Daiger, JR Heckenlively, RA Lewis, MZ Pelias. DNA linkage studies of degenerative retinal diseases. In: Degenerative Retinal Disorders: Clinical and Laboratory Investigations, JG Hollyfield, MW LaVail, Eds., Alan R. Liss, pp. 147-162, 1987

5. SP Daiger. Appendix H. The Retinitis Pigmentosa (RP) Collection. NIH Publication No. 89-2011, 1988/1989 Catalog of Cell lines, NIGMS Human Genetic Mutant Cell Repository, 599-608, 1988.

(**BOOK CHAPTERS** continued)

6. MZ Pelias, RJH Smith, SP Daiger, JF Hejtmancik. Usher syndrome in Louisiana. In "Degenerative Retinopathies: Advances in Clinical and Genetic Research", P. Humphries, Ed., CRC Press, 139-143, 1990.

7. SP Daiger, SH Blanton, AW Cottingham, J Laidlaw, JA Rodriguez, JR Heckenlively. Linkage mapping and molecular studies of autosomal forms of retinitis pigmentosa. In "Degenerative Retinopathies: Advances in Clinical and Genetic Research", P Humphries, Ed., CRC Press, 23-34, 1991

8. S Daiger. Issues in DNA fingerprinting. State Bar of Texas Professional Development Program, J1-J41, April 11, 1991

9. SP Daiger, SH Blanton. Problems and Pitfalls in Linkage Mapping of Human genetic Diseases: Illustrations from Autosomal Dominant Retinitis Pigmentosa (ADRP). In "Genetics of Cellular, Individual, Family and Population Variability", CF Sing, CL Hanis, Eds, Oxford Univ. 1993.

10. SP Daiger. Comments on gene symbols and terminology. In "Retinal Degeneration: Clinical and Laboratory Applications", JG Hollyfield, MW LaVail, RE Anderson, Eds., Plenum Pub. Corp., 1993.

11. JR Heckenlively, SP Daiger. “Hereditary retinal and choroidal degenerations”. Principals and Practices of Medical Genetics, 3rd Edition, Emery and Rimon, Eds, Churchill Livingston, II:2555-2576, 1997.

12. SP Daiger, RE McGuire, LS Sullivan, MM Sohocki, SH Blanton, P Humphries, ED Green, H Mintz-Hittner, JR Heckenlively. Progress in positional cloning of RP10 (7q31.3), RP1 (8q11-q21) and VMD1 (8q24). In "Degenerative Retinal Diseases", M LaVail, JG Hollyfield, RE Anderson, Eds, Plenum Publishing Co., pp 277-289, 1997.

13. SJ Bowne, SP Daiger, KA Malone, J Zuo, K Cheon, DG Birch, D Hughbanks-Wheaton, JR Heckenlively, DB Farber, EA Pierce, SS Bhattacharya, CF Inglehearn, LS Sullivan. RP1 mutation analysis. "New Insights into Retinal Degenerative Diseases", RE Anderson, MM LaVail, JG Hollyfield, Eds, Kluwer/Plenum Publishers, pp 55-59, 2001

14. MM Sohocki, DL Tirpak, CM Craft, SP Daiger. Functional analysis of AIPL1, a novel photoreceptor-pineal-specific protein causing Leber congenital amaurosis and other retinopathies. "New Insights into Retinal Degenerative Diseases", RE Anderson, MM LaVail, JG Hollyfield, Eds, Kluwer/Plenum Publishers, pp 37-44, 2001.

15. DH Wheaton, SP Daiger, DG Birch. The Southwest Eye Registry, distribution of disease types and mutations. "New Insights into Retinal Degenerative Diseases", RE Anderson, MM LaVail, JG Hollyfield, Eds, Kluwer/Plenum Publishers, pp 339-348, 2001.

16. JR Heckenlively, SP Daiger. “Hereditary retinal and choroidal degenerations”. Principals and Practices of Medical Genetics, 4th Edition, Rimoin, Connor, Pyeritz and Korf, Eds, Churchill Livingston. Chapter 137, pages 3555-3593, 2002.

17. J Greenberg, A Ziskind, SP Daiger. Genetics of Ocular Vascular Disease. "Ocular Angiogenesis: Diseases, Mechanisms and Therapeutics" J. Tombran-Tink, CJ Barnstable Eds, Humana Press, Totowa, NJ, 2005.

(**BOOK CHAPTERS** continued)

18. SP Daiger, SJ Bowne, LS Sullivan. Chapter 31, Genetic Mechanisms of Retinal Disease. "Retina, 5th Edition", SJ Ryan et al., Elsevier, ISBN: 9781455707379, November 2012; January 2016.

LETTERS

1. SP Daiger. Letter to the Editor. DNA fingerprinting. Am. J. Hum. Genet., 49:897, 1991. PMC1683184

2. JT Hecht, Y Wang, SH Blanton, SP Daiger. Letter: Van Der Woude syndrome and nonsyndromic cleft lip and palate. Am. J. Hum. Genet., 51:442-444, 1992. PMC1682677

3. SP Daiger. Letter to the Editor: Cases and commentaries [DNA fingerprinting in criminal cases]. Professional Ethics Rpt, 5:6, 1992.

4. SP Daiger, RE McGuire, JR Heckenlively. Reply to Inglehearn and Hardcastle: The map is not the territory. Am. J. Hum. Genet, 58:435-436,1996.

REVIEWED JOURNAL ARTICLES

1. SP Daiger. Peer review: cost control or quality control. Calif. Med., 113:75-80, 1970. PMC1501824

2. SP Daiger, MS Schanfield, LL Cavalli-Sforza. Group-specific component (Gc) proteins bind vitamin D and 25-hydroxyvitamin D. Proc. Natl. Acad. Sci. USA, 72:2076-2080, 1975. PMC432697

3. LL Cavalli-Sforza, SP Daiger, DP Rummel. Detection of genetic variation with radioactive ligands. I. Electrophoretic screening of plasma proteins with a panel of selected compounds. Amer. J. Hum. Genet., 29:581-592, 1977. PMC1685497

4. SP Daiger, LL Cavalli-Sforza. Detection of genetic variation with radioactive ligands. II. Genetic variants of vitamin D-labeled group-specific component (Gc) proteins. Amer. J. Hum. Genet., 29:593-604, 1977. PMC1685512

5. SP Daiger, M Labowe, M Parsons, L Wang, LL Cavalli-Sforza. Detection of genetic variation with radioactive ligands. III. Polymorphic electrophoretic variants of transcobalamin II in plasma. Amer. J. Hum. Genet., 30:202-214, 1978. PMC1685573

6. SP Daiger, M Miller, G Romeo, M Parsons, LL Cavalli-Sforza. Vitamin D binding proteins in the Williams syndrome and idiopathic hypercalcemia. New Engl. J. Med., 298:687-688, 1978.

7. SP Daiger, DP Rummel, L Wang, LL Cavalli-Sforza. Detection of genetic variation with radioactive ligands. IV. Polymorphic genetic variants of thyroxin-binding globulin (TBG). Am. J. Hum. Genet., 33:640-648, 1981. PMC1685094

(**REVIEWED JOURNAL ARTICLES**- continued**)**

8. SP Daiger, RS Wildin. Human thyroxin-binding globulin (TBG): Heterogeneity within individuals and between individuals demonstrated by isoelectricfocusing. Biochem. Genet., 19:673-685, 1981.

9. SP Daiger, RS Wildin, T-S Su. DNA sequences on the human Y chromosome homologous to argininosuccinate synthetase, an autosomal gene. Nature, 298:682-684, 1982.

10. M Fàater-Schröder, HJ Porck, AW Eriksson, SP Daiger, LL Cavalli-Sforza. Standardization of nomenclature for transcobalamin II variants. Hum. Genet., 61:165-166, 1982.

11. LP tenKate, H Bowman, SP Daiger, AG Motulsky. Familial aggregation of coronary heart disease and its relation to known genetic risk factors. Am. J. Cardiology, 50:945-953, 1982.

12. SP Daiger, A Chakravarti. Deletion mapping of polymorphic loci by apparent parental exclusion. Am. J. Med. Genet., 14:43-48, 1983.

13. DH Lockwood, DH Coppenhaver, RE Ferrell, SP Daiger. X-linked, polymorphic genetic variation of thyroxin-binding globulin (TBG) in baboons and screening of additional primates. Biochem. Genet., 22:81-88, 1984.

14. LP tenKate, H Bowman, SP Daiger, AG Motulsky. Increased frequency of coronary heart disease in relatives of wives of myocardial infarct survivors: assortative mating for life style and risk factors? Am. J Cardiology, 53:399-403, 1984.

15. SP Daiger, M Miller, R Chakraborty. Heritability of quantitative variation at the group-specific component (Gc) locus. Am. J. Human Genet., 36:663-676, 1984. PMC1684475

16. SP Daiger, NS Hoffman, RS Wildin, T-S Su. Multiple independent restriction site polymorphisms in human DNA detected with a cDNA probe to argininosuccinate synthetase (AS). Am. J. Human Genet., 36:736-749, 1984. PMC1684500

17. AS Lidskey, FD Ledley, AG DiLella, S Kwok, SP Daiger, KJH Robson, SLC Woo. Extensive restriction site polymorphism at the human phenylalanine hydroxylase locus and application in prenatal diagnosis of phenylketonuria. Am. J. Human Genet., 37:619-634, 1985. PMC1684630

18. ME Goode, P vanTuinen, DH Ledbetter, SP Daiger. The anonymous DNA clone D1S1, previously mapped to human chromosome 1p36 by in situ hybridization, is from chromosome 3 and is duplicated on chromosome 1. Am. J. Hum. Genet., 38:437-446, 1986. PMC1684800

19. SP Daiger, AS Lidsky, R Chakraborty, R Koch, F Güttler, SLC Woo. Use of polymorphic DNA haplotypes at the phenylalanine hydroxylase locus in prenatal diagnosis of phenylketonuria. The Lancet, February 1, 229-232, 1986.

20. L Chan, P VanTuinen, DH Ledbetter, SP Daiger, AM Gotto, Jr, SH Chen. The human apolipoprotein B-100 gene: a highly polymorphic gene that maps to the short arm of chromosome 2. Biochem. Biophys. Res. Com., 133:248-255, 1986.

21. SP Daiger, ME Goode, BD Trowbridge. Evolution of nuclear gene families in primates. Copy-number variation in the argininosuccinate synthetase (ASS) pseudogene family and the anonymous DNA sequence D1S1. Genetica, 73:91-98, 1987.

(**REVIEWED JOURNAL ARTICLES**- continued**)**

22. R Chakraborty, AS Lidsky, SP Daiger, F Güttler, S Sullivan, AG Dilella, SLC Woo. Polymorphic DNA haplotypes at the phenylalanine hydroxylase (PAH) locus and their relationship with phenylketonuria (PKU). Human Genet., 76:40-46, 1987.

23. SP Daiger, GW Brewton, AA Rios, PWA Mansell, JM Reuben. Genetic susceptibility to AIDS: absence of an association with group-specific component (Gc). New Eng. J. Med., 317:631-632, 1987.

24. HY Zoghbi, MS Pollack, LA Lyons, RE Ferrell, SP Daiger, AL Beaudet. Spinocerebellar ataxia: variable age of onset and linkage to human leukocyte antigen in a large kindred. Ann. Neurology, 23:580-584, 1988.

25. HY Zoghbi, SP Daiger, A McCall, WE O'Brien, AL Beaudet. Extensive DNA polymorphisms at the Factor XIIIA (F13A) locus and linkage to HLA. Am. J. Hum. Genet., 42:877-883, 1988. PMC1715200

26. SP Daiger, MM Humphries, N Giesenschlag, E Sharp, P McWilliam, J Farrar, D Bradley, P. Kenna, DC McConnel, RS Sparkes, MA Spence, JR Heckenlively, P Humphries. Linkage analysis of human chromosome 4: exclusion of autosomal dominant retinitis pigmentosa (ADRP) and detection of new linkage groups. Cytogenet Cell Genet, 50:181-187, 1989.

27. SE Sullivan, SD Moore, JM Conners, M King, F Cockburn, B Steinmenn, R Gitzelmann, SP Daiger, SLC Woo. Haplotype distribution of the human phenylalanine hydroxylase locus in Scotland and Switzerland. Am. J. Hum. Genet, 44:652-659, 1989. PMC1715636

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