

Curriculum Vitae
Jeffrey Robert Gruen, M.D.

ADDRESS: Yale University School of Medicine
Department of Pediatrics
Yale Child Health Research Center

EDUCATION

1977 B.S. Tulane University, New Orleans, La.
(Chemistry)

1981 M.D. Tulane University, New Orleans, La.
(Medicine)

CAREER

1981-1982 Internship in Pediatrics
Yale-New Haven Hospital, New Haven, Connecticut.

1982-1984 Residency in Pediatrics,
Yale-New Haven Hospital, New Haven, Connecticut.

1984-1988 Fellowship in Neonatal/Perinatal Medicine,
Yale University School of Medicine, New Haven, Connecticut.

1988-1994 Assistant Professor of Pediatrics
Yale University School of Medicine, New Haven, Connecticut.

1994-2000 Research Scientist
Yale University School of Medicine, New Haven, Connecticut.

1996-1998 Director, Yale Child Health Research Center
Yale University School of Medicine, New Haven, Connecticut.

1999-2000 Director, Pharmacogenetics Core Laboratory, PPRU
Yale University School of Medicine, New Haven, Connecticut.

2000-present Associate Professor
Yale University School of Medicine, New Haven, Connecticut.

BOARD CERTIFICATION

5/1/86 Pediatrics

11/1/89 Neonatal-Perinatal Medicine

4/29/96 Recertification in Neonatal-Perinatal Medicine

4/3/03 Recertification in Neonatal-Perinatal Medicine

MEMBERSHIPS

Fellow, American Academy of Pediatrics, 4/1/91

The American Society of Human Genetics, 10/90

HONORS

Alpha Omega Alpha, 1980

Sigma Xi, Honorary Research Society, 5/9/95

The Society for Pediatric Research, 12/4/95

OTHER PROFESSIONAL ACTIVITIES

Attending Physician, Newborn Special Care Unit, Yale-New Haven Hospital: 1988-present
Yale Comprehensive Cancer Center, 1990-present
Yale Liver Study Unit, 1990-present
Yale Child Research Center, 1991-present
Boyer Center for Molecular Medicine, Molecular Oncology and Development Program Faculty,
1993 - 1995
Conference Organizer, Workshop on Strategies for Drug Development and Trials in Children,
Omni-New Haven Hotel, 5/19-5/21/98
Organizer, March of Dimes Birth Defects Surveillance Round Table Discussion, Yale-New
Haven Hospital, 12/13/01

PRIMARY GRANTS AND AWARDS

1986-1988	Individual National Research Service Award (NICHD/NIH)
1990	Charles H. Hood Foundation Child Health Research Grant
1990-1992	Swebilius Cancer Research Award
1990-1992	NIH/Yale Liver Center Pilot Project Grant
1991-1992	NIH/Yale Child Research Center Award
1991-1993	Lucille P. Markey Charitable Trust/Boyer Center Faculty Scholar Award
1992-1997	R29-DK45819 (First Award, NIDDK/NIH) Selection of the Primary Hemochromatosis Gene
1994-1996	March of Dimes Clinical Research Grant
1996-1998	March of Dimes Clinical Research Grant
1998-2000	PolyGenomics Inc., Research Contract
2001-2002	The Robert Leet and Clara Guthrie Patterson Trust
2003-2007	R01-NS43530 (NINDS/NIH) Discovery of the 6p21.3 Reading Disability Gene

COLLABORATIVE AND CENTER GRANTS

1998-2003	Charles H. Hood Foundation, Program Project in Molecular Immunology (PI: J. Warshaw)
1998-2001	NIH/NICHD PO1: "Genotypic and Phenotypic Heterogeneity in Dyslexia" (PI: F. Wood)
1998-2000	NIH/NICHD PO1: "Yale Pediatric Pharmacology Research Unit" (PI: W. Tamborlane, Co-PI: J.R. Gruen)
1999-2004	NIH/NIDA R01 DA12849: "Genetics of Cocaine Dependence" (PI: J. Gelernter)
2000-2005	NIH/NIDA R01 DA12690: "Genetics of Opioid Dependence" (PI: J. Gelernter)
2002-2007	NIH/NIAAA RO1 AA11330: "Family Controlled Linkage Disequilibrium Studies of Alcohol Dependence" (PI: J. Gelernter)

AWARD SPONSOR

- 1994 Primary sponsor for Richter Fellowship Award for Undergraduate Research
Student: Michele Yang
- 1994-1995 Primary sponsor for American Liver Foundation Post-Doctoral Research
Fellowship Award
Post-Doctoral Fellow: Christopher Bowlus, M.D.
- 1994-1999 Primary sponsor for NIH Physician-Scientist Award (NIDDK)
Post-Doctoral Fellow: Vita Goei, M.D.
- 1995-1997 Primary sponsor for NIH Clinician-Investigator Award (NIDDK)
Post-Doctoral Fellow: Tom Chu, M.D., Ph.D.
- 1996-1998 Secondary sponsor for NIH Clinical Investigator Award (NIDDK)
Post-Doctoral Fellow: Christopher Bowlus, M.D.
- 1997 Primary sponsor for Richter Fellowship Award for Undergraduate Research
Student: Rachel Sparks
- 1997-1998 Primary sponsor for Biomedical Sciences Exchange Program (Medizinische
Hochschule Hannover, Germany)
Student: Heiko Reutter
(Eberhards-Karls-Universität Tübingen)
- 1998-1999 Primary sponsor for Biomedical Sciences Exchange Program (Medizinische
Hochschule Hannover, Germany)
Student: Said Ahmad Zia
(Ludwig-Maximilian-University of Munich)

THESIS SPONSOR

- 1994 M.S. Thesis for Angela Capossela (Southern Connecticut State University):
“Developing and testing a functional in-vitro assay to screen novel cDNAs for
candidate hemochromatosis genes”
- 1996 M.D. Thesis for Samantha Hendren (Yale University School of Medicine):
“Linkage disequilibrium analysis in the primary hemochromatosis region,
utilizing 5 novel DNA probes”
- 2000-01 Undergraduate research in Molecular, Cellular Developmental Biology (MCDB
475a,b), Yale University, Nancy Han

PUBLICATIONS

1. Swaroop A, Agarwal N, Gruen JR, Bick D, and Weissman SM. Differential expression of novel Gsa signal transduction protein cDNA species. *Nucleic Acids Research*, 19(17):4725-4729, 1991.
2. Gruen JR, Goei V, Summers KM, Capossela A, Powell L, Halliday J, Zoghbi H, Shukla H, and Weissman SM. Physical and genetic mapping of the telomeric MHC region in man and relevance to the primary hemochromatosis gene. *Genomics*, 14:232-240, 1992.
3. Das Gupta R, Morrow B, Marondel I, Parimoo S, Goei VL, Gruen J, Weissman S, Skoultchi A, and Kucherlapati R. An integrated approach for identifying and mapping human genes. *Proc Natl Acad Sci USA*, 90:4364-4368, 1993.

4. Goei VL, Parimoo S, Capossela A, Chu TW, and Gruen JR. Isolation of novel non-HLA gene fragments from the hemochromatosis region (6p21.3) by cDNA hybridization selection. *The American Journal of Human Genetics*, 54:244-251, 1994.
5. Chu T, Capossela A, Coleman R, Goei VL, Nallur G, Gruen JR. Cloning of a new "finger" protein gene (ZNF173) within the class I region of the human MHC. *Genomics*, 29:229-239, 1995.
6. Gruen JR, Nalabolu SR, Chu TW, Bowlus C, Fan WF, Goei VL, Wei H, Sivakamasundari R, Liu Y-C, Xu HX, Parimoo S, Nallur G, Ajioka R, Shukla H, Bray-Ward P, Pan J, Weissman SM. A transcription map of the major histocompatibility complex (MHC) class I region. *Genomics*, 36:70-85, 1996.
7. Bray-Ward P, Bowlus C, Choi J, Le Paslier D, Weissenbach J, Gruen JR. FISH-mapped CEPH YACs spanning 0 to 46 cM on human chromosome 6. *Genomics*, 36:104-111, 1996.
8. Gruen JR, Nalabolu SR, Chu TW, Bowlus C, Fan WF, Goei VL, Wei H, Sivakamasundari R, Liu Y-C, Xu HX, Parimoo S, Nallur G, Ajioka R, Shukla H, Bray-Ward P, Pan J, Ahn J, Choi J, Weissman SM. Transcribed Genes from the Distal Major Histocompatibility Complex (MHC) Class I Region, 12th International Histocompatibility Workshop and Conference Proceedings, Vol I, EDK (France), 1996.
9. Ajioka RS, Yu P, Gruen JR, Edwards CQ, Griffen LM, Kushner JP. Recombinations defining centromeric and telomeric borders for the hereditary hemochromatosis locus. *Journal of Medical Genetics*, 34(1):28-33, 1997.
10. Ajioka RS, Jorde LB, Gruen JR, Yu P, Dimitrova D, Barrow J, Radisky E, Edwards CQ, Griffen LM, Kushner JP. Haplotype analysis of hemochromatosis: evaluation of different linkage-disequilibrium approaches and evolution of disease chromosomes. *American Journal of Human Genetics*. 60(6):1439-47, 1997.
11. Gruen JR and Weissman SM. Evolving views of the MHC. *Blood*, 90(11):4252-4265, 1997.
12. Goei VL, Choi J, Ahn J, Bowlus CL, Raha-Chowdhury R, Gruen JR. Human GABAB receptor gene: cDNA cloning, expression, chromosomal location and genomic organization. *Biological Psychiatry*, 44(8):659-666, 1998.
13. Ahn J and Gruen JR. The genomic organization of the histone clusters on human 6p21.3. *Mammalian Genome*, 10:768-770, 1999.
14. Sparks R, Lombroso PJ, Gruen JR. Cloning genes of interest. *Journal of the American Academy of Child & Adolescent Psychiatry*, 38(10):1316-1319, 1999.

15. Bowlus CL, Ahn J, Chu T, Gruen JR. Cloning of a novel MHC-encoded serine peptidase highly expressed by cortical epithelial cells of the thymus. *Cellular Immunology*, 196(2):80-86, 1999.
16. Gruen JR and Weissman SM. Human MHC class III and IV genes and disease associations. *Frontiers in Bioscience*, 6:D960-D972, 2001.
17. Hisama FM, Gruen JR, Choi J, Huseinovic M, Grigorenko EL, Pauls D, Mattson RH, Gelernter J, Wood FB, Goei VL. Human GABA_B receptor 1 gene: eight novel sequence variants. *Human Mutation*, 17(4):349-350, 2001.
18. Ahn J, Won T-W, Zia A, Reutter H, Kaplan DE, Sparks R, Gruen JR. Peaks of linkage are localized by a bac/pac contig of the 6p reading disability locus, *Genomics*, 78(1/2):19-29, 2001.
19. Barr CL, Feng Y, Wigg K, Roberts W, Malone M, Schachar R, Tannock R, Gruen JR, Goei V, Kennedy JL. Identification of polymorphisms in the GABA_B receptor gene located on chromosome 6p and linkage study of attention-deficit hyperactivity disorder. *Gene Function and Disease*, 1:194-201, 2001.
20. Kaplan DE, Gayan J, Ahn J, Won T-W, Pauls D, Olson R, DeFries J, Wood F, Pennington B, Page G, Smith SD, Gruen JR. Linkage and association studies of reading disability on 6p21.3-22, *The American Journal of Human Genetics*, 70(5):1287-1298, 2002.
21. Lie BA, Akselsen HE, Bowlus CL, Gruen JR, Thorsby E, Undlien, DE, Polymorphisms in the gene encoding thymus-specific serine protease in the extended HLA complex. A potential candidate gene for HLA associated diseases, *Genes and Immunity*, 3(5):306-312, 2002.
22. Ahn J, Won T-W, Kaplan DE, Londin ER, Kuzmic P, Gelernter J, Gruen JR. A detailed physical map of the 6p reading disability locus including new markers and confirmation of recombination suppression, *Human Genetics*, 111:339-349, 2002.
23. Cheunsuk S, Sparks R, Noveroske JK, Hsu T, Justice MJ, Gershwin ME, Gruen JR and Bowlus CL. Expression, genomic structure and mapping of the thymus specific protease Prss16: a candidate gene for insulin dependent diabetes mellitus susceptibility. *Journal of Autoimmunity*, 18:311-316, 2002.
24. Turic D, Robinson L, Duke M, Morris DW, Webb V, Hamshere M, Milham C, Hopkin E, Pound K, Fernando S, Grierson A, Easton M, Williams N, Van Den Bree M, Chowdhury R, Gruen J, Stevenson J, Krawczak M, Owen MJ, O'Donovan MC, and Williams J. Linkage disequilibrium mapping provides further evidence of a gene for reading disability on chromosome 6p21.2-22. *Molecular Psychiatry*, 8:176-185, 2003.
25. Reutter H, Shapiro E, Gruen JR. Seven new cases of familial isolated bladder exstrophy and epispadias complex (BEEC) and review of the literature. *American Journal of Medical Genetics*, 120A(2):215-221, 2003.

26. Londin ER, Meng H, Gruen JR. A transcription map of the 6p22.3 reading disability locus identifying candidate genes. *BMC Genomics*, 4(1):25, 2003

BOOK CHAPTERS

1. Gruen JR, Goei VL, Capossela A, and Chu TW. Hemochromatosis in children. In: Suchy F, ed. *Liver diseases in children*. Mosby Yearbook Publishers, St. Louis, 1994, 773-782.
2. Chu TW, Bowlus CL, Gruen JR. Disorders of iron metabolism and related disorders. In: Rimoin DL, Connor JM, Pyeritz RE, and Emery AEH, ed. *Emery and Rimoin's principles and practice of medical genetics*. 3rd edition. Churchill Livingstone Publishers, Edinburgh, United Kingdom, 1997, 2047-2070.
3. Raha-Chowdhury R and Gruen JR. Localization, allelic heterogeneity, and origins of the haemochromatosis gene. In: Barton JC and Edwards CQ, ed. *Hemochromatosis genetics, pathophysiology, diagnosis, and treatment*. Cambridge University Press, Cambridge, United Kingdom, 2000, 75-90.
4. Chu TW, Bowlus CL, Gruen JR. Iron metabolism and related disorders. In: Rimoin DL, Connor JM, Pyeritz RE, and Emery AEH, ed. *Emery and Rimoin's principles and practice of medical genetics*. 4th edition. Churchill Livingstone Publishers, Edinburgh, United Kingdom, Volume II, 2002, 2638-2665.
5. Sparks R and Gruen JR. Molecular diagnostics in childhood disorders. In: Rudolph CD, Rudolph AM, Hostetter, M, Lister, G, Siegel, N, ed. *Rudolph's Pediatrics*. 21st edition. McGraw-Hill Medical Publishing Company, Philadelphia, 2003, 573-578.

ABSTRACTS

1. Gruen JR, Lister G, Ray A, Jamieson JD. Release of Atrial Natriuretic Factor by Right Atrial Balloon Inflation. *Pediatr Res*, 20(4):171A, 1986. Presented before the Society for Pediatric Research, May 6, 1986.
2. Kandpal RP, Parimoo S, Swaroop A, Gruen J, Arenstorff HP, Shukla H, Ward DC and Weissman SM. New approaches for constructing expression maps of complex genomes. Presented 11/3/89 at The Human Genome Workshop, Santa Fe Institute, New Mexico.
3. Gruen JR, Swaroop A, Capossela A, Weissman SM. Molecular studies to identify the genetic locus for hemochromatosis: A progress report. *Pediatric Research*, 27(4):776, 1990.
4. Kandpal RP, Parimoo S, Patanjali S, Gruen J, Arenstorff HP, Shukla H, Ward DC, and Weissman SM. New approaches for constructing expression maps of complex genomes. Presented 2/20/91 at The Human Genome Workshop, Santa Fe Institute, New Mexico.
5. Summers KM, Halliday JW, Gruen JR, Goei V, Capossela A, Weissman SM, Powell LW. Is the haemochromatosis gene localized distal or proximal to HLA-A? Submitted to the

Third International Conference on Haemochromatosis, Dusseldorf, Germany, Heinrich-Heine University, July 25-26, 1991.

6. Kidd JR, Gruen JR, Pakstis AJ, Goei V, Capossela A, Weissman SM, Kidd K. Locus specific polymorphisms for HLA class I genes. *Cytogenetics and Cell Genetics*, 58(1-4):1913, 1991.
7. Goei V, Zoghbi H, Capossela A, Weissman SM, Gruen JR. Physical mapping of HLA-F on a somatic cell hybrid. *Cytogenetics and Cell Genetics*, 58(1-4):1910, 1991.
8. Goei V, Capossela A, Weissman SM, Zoghbi H, Summers KM, Tam KS, Halliday JW, Powell LW, Gruen JR. Physical and genetic mapping of HLA-F on 6p21.3. *The American Journal of Human Genetics*, Supplement, 49(4):379, October, 1991.
9. Chu TW, Goei VL, Parimoo S, Capossela A, Weissman SM, Gruen JR. Positional cloning of cDNA near the primary hemochromatosis locus on 6p21.3. *The American Journal of Human Genetics*, Supplement, 51(4):928, October, 1992.
10. Goei VL, Parimoo S, Capossela A, Weissman SM, Gruen JR. Selection of short fragment cDNAs encoded on a YAC containing HLA-A. *Cytogenetics and Cell Genetics*, 62(2-3):78, 1993.
11. Jazwinska EC, Lee SC, Pyper WR, Gruen JR, David V, Halliday JW, Powell LW. Positional cloning of the gene for haemochromatosis. *Cytogenetics and Cell Genetics*, 62(2-3):79, 1993.
12. Weissman SM, Shukla H, Parimoo S, Goei V, Fan W, Patanjali S, Gruen JR, Chaplin DD. Expressed sequence in the human MHC. *Cytogenetics and Cell Genetics*, 62(2-3):79, 1993.
13. Capossela A, Chu TW, Goei VL, Gruen JR. An expressed sequence tag map of an area within the hemochromatosis locus on 6p21.3. *The American Journal of Human Genetics*, Supplement, 53(3):A1275, September 1993.
14. Goei VL, Parimoo S, Capossela A, Chu TW, Gruen JR. Isolation of novel non-HLA gene fragments from within the hemochromatosis region (6p21.3) by cDNA hybridization selection. Second International Chromosome 6 Workshop, Berlin, September, 1993.
15. Bowlus CL, Gruen JR, LePlasier D, Ajioka R. Physical mapping of D6S306, D6S105 and expressed sequence tags in the region telomeric to the class I major histocompatibility complex. Cold Spring Harbor Genome Mapping and Sequencing Meeting. 5/11/94.
16. Silverstein SM, Weissman SM, Gruen JR, Nadkarni PM, Miller PL. A database and relationship viewing tool for cDNA hybridization selection data. Cold Spring Harbor Genome Mapping and Sequencing Meeting. 5/11/94.

17. Chu TW, Goei VL, Kuida S, Bowlus CL, Gruen JR. Identification of a novel gene family located within the class I region of the human major histocompatibility complex. *The American Journal of Human Genetics*, October 1995.
18. Gruen JR, Nalabolu SR, Xu H-X, Wei H, Goei V, Chu T, Bowlus C, Fan W-F, Parimoo S, Weissman SM. A summary of studies of mRNAs expressed from the class I region of the human MHC. 5th International Workshop on the Identification of Transcribed Sequences, November 6-8, 1995.
19. Nielsen P, Raha-Chowdhury R, Ahn J, Fishcer R, Gruen JR, Gabbe EE. Allelic association, phenotype, and mutation analysis in genetic haemochromatosis patients from North-Germany. International Symposium on Iron in Biology and Medicine, Saint-Malo, France, June 16-20, 1997.
20. Olsson KS, Ritter B, Sandberg L, Raha-Chowdhury R, Gruen J, Worwood M. The ancestral haplotype in patients with genetic hemochromatosis from central and western Sweden. International Symposium on Iron in Biology and Medicine, Saint Malo, France, June 16-20, 1997.
21. Raha-Chowdhury R, Bell H, Ritter B, Gruen JR, Olsson KS. HLA-H mutation in European patients with porphyria cutanea tarda and hereditary haemochromatosis families. International Symposium on Iron in Biology and Medicine, Saint-Malo, France, June 16-20, 1997.
22. Kuehnle I, Chu TW, Gruen JR, Margolin JF. The coiled-coil domain of C3HC4 RBCC type of ring finger genes is a functionally conserved transcriptional repression domain. *Transcriptional Control of Proliferation, Differentiation, and Development*, Bolton Landing, New York, October 17-21, 1997.
23. Ahn J and Gruen JR. A new histone cluster on the short arm of human chromosome 6. *The American Journal of Human Genetics*, Supplement, 63(4):A245, October, 1998.
24. Choi J, Hisama FM, Gruen JR, Mattson RH, Pauls DL, Grigorenko E., Goei VL. Mutation screening of the human GABAB receptor gene in patients with juvenile myoclonic epilepsy and dyslexia. *The American Journal of Human Genetics*, Supplement, 63(4):A356, October, 1998.
25. Reutter H, Ahn J, Gruen JR. A map of 38 ESTs in a candidate region for dyslexia on 6p21.3-22. *The American Journal of Human Genetics*, Supplement, 63(4):A257, October, 1998.
26. Hisama FM, Gruen JR, Choi J, Mattson RH, Goei VL. GABAB receptor polymorphisms in juvenile myoclonic epilepsy. *Epilepsia*, 39(6):H.05, December, 1998.
27. Ahn J, Zia A, and Gruen JR. Assembly of Sequence-Ready BACs and PACs spanning D6S1950 through D6S1621 on 6p21.3-22. 4th Chromosome 6 Workshop, The Sanger Centre, Wellcome Trust Genome Campus, Hinxton, Cambridge, UK, June 10th-12th, 1999.

28. Ahn J, Zia A, Won T, Gruen JR. Construction of a 6 Mb bacterial clone contig in the reading disability region on 6p22. *The American Journal of Human Genetics, Supplement*, 65(4):A220, October, 1999.
29. Raha-Chowdhury R, Raha SK, Trowsdale J, Gruen JR. Multiple Sclerosis and Retinitis Pigmentosa segregate in a large Welsh kindred. *The American Journal of Human Genetics, Supplement*, 65(4):A466, October, 1999.
30. Ahn J, Won TW, Kaplan D, Zia A, Reutter H, Gruen JR. Cloning the 6p Reading Disability Locus. Workshop on Reading Disability: 25-year follow-up of the Orton families. Bowman Gray Medical Center, Wake Forest University, Winston-Salem, North Carolina, October 7, 1999.
31. Kaplan D, Won TW, Ahn J, Pauls D, Olson R, DeFries J, Wood F, Page G, Smith SD, Gruen JR. Linkage disequilibrium studies of reading disability on 6p22. *The American Journal of Human Genetics, Supplement*, 67(4):A180, October, 2000.
32. Lie BA, Johansson S, Pociot F, Nerup J, Kockum I, Bowlus CL, Gruen JR, Akselsen HE, Thorsby E, Undlien DE. Strategies to identify a novel gene, located in the extended HLA Class I region, involved in the development of type 1 diabetes. 15th European Histocompatibility Conference, Granada, Spain, March 27, 2001.
33. Kaplan DE, Won TW, Ahn J, Pauls D, Olson R, DeFries JC, Gayan J, Wood F, Pennington B, Page G, Smith SD, Gruen JR. Transmission disequilibrium test (TDT) of reading disability on 6p21.3-22. Oral presentation before the annual meeting of the Society for Pediatric Research, Baltimore, Maryland, April 30, 2001.
34. Gayán J, Kaplan DE, Ahn J, WonTW, Pauls D, Olson RK, DeFries JC, Wood F, Pennington BF, Page GP, Smith SD and Gruen JR. Fine mapping linkage and association analyses of reading disability in the 6p21.3-22 region. 32nd annual meeting of the Behavior Genetics Association, Keystone, Colorado, July 5th, 2002.
35. van den Bree M, Robinson L, Turic D, Duke M, Morris DW, Hamshere M, Grierson A, Easton M, Raha-Chowdhury R, Gruen J, Stevenson J, Krawczak M, Owen MJ, O'Donovan MC, Williams J. Linkage disequilibrium mapping provides further evidence of a gene for reading disability on chromosome 6p21.3-22. 33rd annual meeting of the Behavior Genetics Association, Chicago, Illinois, June 27, 2003.
36. Raha-Chowdhury R and Gruen JR. CAT 53: A phosphatase 1 nuclear targeting subunit encoded in MHC Class I may take part in memory and learning. *The American Journal of Human Genetics, Supplement*, 73(5):1007, November, 2003.
37. Hager K, Meng M, Held, and Gruen JR. A detailed comparison of single nucleotide polymorphism genotyping technologies. Annual meeting of the Association of Biomolecular Resource Facilities, Portland, Oregon, 2/28 – 3/2/2004.

38. Meng M, Held M, Hager K, Page GP and Gruen JR. Candidates for the 6p21.3-22 reading disability (DYX2) gene. Annual meeting of the Pediatric Academic Society, San Francisco, California, May 1, 2004.

COURSES

1. Chulalongkorn University – Yale Collaborative Workshop Short Course in Complex Trait Genetics, Bangkok, Thailand, September 11 - 12, 2003, “Introduction to Genetics,” and “Mapping a Complex Trait: Reading Disability.”
2. GENE 810a, Human Molecular Genetics, Graduate Program Department of Genetics, Yale University School of Medicine, lecturer, “Mapping Complex Traits I & II,” fall semester, 2003.

INVITED PRESENTATIONS

1. Queensland Institute of Medical Research, The University of Queensland, Australia, 9/1/90 - 9/8/90. "Molecular genetics and gene therapy".
2. Queensland Institute of Medical Research, The University of Queensland, Australia, 11/1/91 - 11/5/91. "Update on positional cloning of the primary hemochromatosis gene".
3. Genomic Technology and Genetic Disease Human Genome Center, University of Michigan School of Medicine, Ann Arbor, Michigan, 3/11/92. "A progress report on selection cloning of the hemochromatosis gene".
4. Digestive Disease Interagency Coordinating Committee, NIDDK, NIH, Bethesda, Maryland, 3/17/92. "Cloning the primary hemochromatosis gene".
5. International Association for the Study of the Liver Biennial Scientific Meeting, Brighton, United Kingdom, 6/3/92 - 6/6/92. "Molecular studies with new probes for the hemochromatosis and Wilson's disease genes".
6. University of Utah School of Medicine, Salt Lake City, Utah, 8/25/93. "cDNA hybridization selection of the hemochromatosis locus".
7. NIDDK 1994 Research Seminar, NIH, Bethesda, Maryland, 1/13/94. "A progress report on the identification of the hemochromatosis gene".
8. University of Massachusetts School of Medicine, Worcester, Massachusetts, 3/21/94. "A progress report on the identification of the hemochromatosis gene".
9. Molecular Genetics of Hemochromatosis International Workshop, Gargnano-Italy, 9/25/94. Session Chairman for physical mapping of the candidate region.
10. The Society for Pediatric Research Annual Meeting, San Diego Convention Center, 5/8/95. Workshop Chair: "Strategies for linking genes and disease".

11. The Society for Pediatric Research Annual Meeting, Ernest N. Morial Convention Center, New Orleans, 5/3/98. Session Moderator, Neonatology: Disease Oriented Research.
12. Workshop on Strategies for Drug Development and Trials in Children, Omni-New Haven Hotel, 5/21/98. Session Moderator, Discovering New Gene Targets for Pediatric Diseases.
13. 10th NICHD Aspen Conference on Maternal-Fetal-Neonatal-Reproductive Medicine, 8/26 29/98, "Implications of Genomics for Perinatal Disease."
14. St. Mary's Hospital, Department of Pediatrics Grand Rounds, Waterbury, Connecticut, 4/21/99, "Implications of Genomics for Perinatal Disease."
15. University of Cambridge, Department of Pathology, Immunology Division, Cambridge, England, 6/9/99, "Mapping the 6p Reading Disability Locus."
16. 4th Chromosome 6 Workshop, Sanger Centre, UK, 6/10-12/99, "Assembly of Sequence-Ready BACs and PACs spanning D6S1950 through D6S1621 on 6p21.3-22."
17. 25th Anniversary Celebration of the Section of Neuropsychology, Wake Forest University School of Medicine, Graylyn Conference Center, Winston-Salem, North Carolina, 10/7/99, "Identifying the Gene that causes Reading Disability on Chromosome 6p."
18. Grand Rounds, Department of Psychiatry, Yale University School of Medicine, CMHC Abraham Ribicoff Research Facilities, 1/25/02, "The Genetics of Reading Disability."
19. Grand Rounds, Department of Pediatrics, Yale University School of Medicine, Fitkin Amphitheatre, 3/27/02. "The Genetics of Reading Disability."
20. St. Mary's Hospital, Department of Pediatrics Grand Rounds, Waterbury, Connecticut, 2/5/03, "Genetics of Reading Disability."
21. St. Mary's Hospital, Department of Pediatrics Grand Rounds, Waterbury, Connecticut, 10/14/03, "Mapping Complex Traits."