

Curriculum Vitae

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Date of Preparation of CV

1 July 2007

Academic Training

University of California, Irvine	BS in Biology	1983
University of California, Berkeley	MPH in Epidemiology	1985
Columbia University, New York	DrPH in Genetic Epidemiology	1996
Thesis:	Differential Susceptibility to Congenital Malformations and Epilepsy in Offspring of Persons with Epilepsy	
Sponsor:	Ruth Ottman, PhD	

Traineeship

Columbia University, New York, NY		
Postdoctoral Research Scientist in Genetic Epidemiology		1996-1996
NYS Institute for Basic Research, Staten Island, NY		
Research Scientist III in Genetic Epidemiology		1996-1996
University of Pennsylvania, Philadelphia, PA		
Postdoctoral Researcher in Genetics (Advisor: R. A. Price, PhD)		1996-1998
University of Pennsylvania, Philadelphia, PA		
Research Associate in Psychiatry		1998-1999

Board Qualification

Not Applicable

Military Service

None

Professional Organizations and Societies

American Society of Human Genetics (Member)
International Society of Genetic Epidemiology (Member)
Human Genome Organization (Member)
American Association of Anthropological Genetics (Member)
American Academy of Neurology (Affiliate Member)
International Society of Psychiatric Genetics (Member)

Academic Appointments

Associate Professor of Clinical Epidemiology (in the Sergievsky Center), 2007-present
Assistant Professor of Epidemiology (in the Sergievsky Center), 1999-2007

- Department of Epidemiology, School of Public Health, Columbia University
- G. H. Sergievsky Center, College of Physicians and Surgeons, Columbia University
- Taub Institute for Research on Alzheimer's Disease and the Aging Brain, College of Physicians and Surgeons, Columbia University
- Center for Human Genetics, College of Physicians and Surgeons, Columbia University

Award

Calderone Award, Columbia University, 2000

Grant Support

Active Grant Support

R37 AG015473 (PI: Mayeux) 12/01/98-01/31/14 NIH/NIA

Genetic Epidemiology of Alzheimer's Disease in Hispanics

The main goal of this project is to continue fine map susceptibility genes for Alzheimer's disease and related phenotypes in Caribbean Hispanics.

Role: Co-Investigator

Pilot grant (PI: Lee) 6/1/06-5/31/07 ADRC

Genetic Mapping of Alzheimer Disease in Consanguineous Caribbean Hispanic Families

The goal of this pilot grant is to identify candidate chromosomal regions using consanguineous Caribbean Hispanic families with Alzheimer disease and hallucination.

Role: PI

U24AG026395-01 (PI: Mayeux) 9/30/05-6/30/10 NIH/NIA

Genetic Consortium for Late Onset Alzheimer's Disease

The goal of this multi-center study is to recruit 1,000 families with late-onset familial Alzheimer's disease (AD), to perform a genome-wide search to identify susceptibility genes, and to make the results and genotype data available to the AD research community.

Role: Co-Investigator

U01 AG023749-01 (PI: Mayeux) 09/15/04-5/31/09 NIH/NIA

Multi-Center Study on Exceptional Survival in Families.

This grant examines genetic contribution to exceptional survival using families with multiple family members surviving to age of 95 and older.

Role: Co-Investigator

R01 (PI: Manly) 2007-2012 NIH/NIA

Genetic Epidemiology of Alzheimer's Disease among African-Americans

The goal of this case-control study is to understand how cardiovascular risk factors modulate genotypic risk for Alzheimer disease in African Americans.

Role: Co-Investigator

Foundation (PI: Mayeux) 7/1/07-6/30/09 Fidelity Foundation

Genetic Analysis of Early Onset Alzheimer Disease in Caribbean Hispanics

The goal of this study is to identify genetic modifier that alters age at onset in carriers and non-carriers of the Gly206Ala mutation in the *PSEN1* gene.

Role: Co-Investigator

Training (PI: Chacon) 2007-2009 NIH/Fogarty

Evaluation of Genetic Contribution to Executive Functions in Extended Families from Venezuela

The goal of this study is for Dr. Chacon, who completed her postdoctoral training in genetic epidemiology with me, to return to Venezuela and develop her own research program.

Role: Mentor

Training (PI: Nervi) 2006-2007 NIH/NIA

Dementia with Lewy Bodies: Frequency, Risk Factors and Genetic Epidemiology in Familial Alzheimer Disease

The goal of this pilot grant is to understand the genetic epidemiology of Lewy Body Dementia and to train Dr. Nervi, a neurologist, in genetic epidemiology.

Role: Mentor

Pending Grant Support

R21AR055782 (PI: Lee) 2007-2009 NIH/NIA

Genetics of Bone Health and Lactose Intolerance in Two Central Asian Populations

The main goal of this study is to understand how a known genetic variant -- that predicts lactose tolerance -- influences diet and in turn influences bone health in two populations in Central Asia. (Submitted 2/15/07)

Role: PI

R01 (PI: Clark) 2007-2012 NIH/NINDS
Modifiers of Parkinson Disease Phenotype and Gene x Gene Interactions in GBA Mutation Carriers

The goal of this grant is to understand the network of putative genes involved in the neurodegenerative process of Parkinson Disease by examining Ashkenazi Jewish populations. (Submitted 10/1/06)

Role: Co-Investigator

R01 (PI: Honig) 12/1/07-10/30/12 NIH/NIA
Telomere Shortening and Dementia in the Elderly

The aim of this study is to understand the process of aging using telomere repeat length as a biomarker for aging. (Submitted 3/5/07)

Role: Co-Investigator

Past Grant Support

R01 (PI: Terwilliger) 7/10/01-6/30/07 NIH/NIMH
ANALYZE: Software for Joint Linkage and LD analysis

The goal of this methodologic study is to further develop methods and software that will enable researchers to jointly use linkage and linkage disequilibrium information from multiple datasets.

Role: Co-Investigator

U54 GM072980 (PI: Califano) 9/15/05 - 9/14/10 NIH/NIGMS
National Center: Multi-Scale Study of Cellular Networks

The main goal is to provide advanced tools, algorithms, and databases for the analysis of cellular networks to the research community.

Role: Co-Investigator

Training (PI: Lee) 2006-2007 NSF
Haplotype Variation and Linkage Disequilibrium at the SORT1 Locus on Chromosome 1: Implications for Alzheimer Disease and Human Evolutionary History

The goal of this dissertation enhancement grant is to fund the work of my doctoral student, Michael Campbell, on his PhD thesis in anthropological genetics.

Role: PI & Mentor

(PI: Mayeux) 2005 NIH/CIDR
Consortium for Late Onset Alzheimer's Disease: Genome-Wide Scan for Susceptibility Loci

The goal of this multi-center study is to *genotype* 500 families with late onset Alzheimer disease (AD) using a panel of 6,000 SNP markers, and conduct a genome wide search for AD susceptibility genes.

Role: Co-Investigator

R21 ES013108-01 (PI: Gilliam) 09/30/03-7/31/06 NIH/NIMH
Gene-Environment Interaction in Cognition

The main goal of this project is to determine how genes and environment interact to influence cognitive processes by examining a large number of quantitative cognitive traits in families residing in Venezuela.

Role: Co-Investigator

R03 AG20351-01 (PI: Lee) 10/01/01-09/30/03 NIH/NIA

Genetic Epidemiology of Aging Traits in Korean Populations

The goal of this study is to examine how gene and environment interact to influence aging traits by studying ethnic Koreans who live in different parts of the world. For this pilot study, a large number of quantitative traits are measured from ethnic Koreans in Kazakhstan.

Role: PI

IIRG-02-4387 (PI: Mayeux) 08/01/02-07/31/05 Alzheimer's Association

Fine Mapping of Chromosome 12 for Alzheimer's Disease Susceptibility Gene.

The main aim of this grant to refine localize AD susceptibility gene on chromosome 12.

Role: Co-Investigator

(PI: Mayeux) 2003 NHLBI/Marshfield

Identification of Susceptibility Loci for Alzheimer's Disease among Caribbean Hispanics

The major aim of the grant is to genotype over 400 microsatellite markers across the entire genome for over 1200 individuals from 210 AD families.

Role: Co-Investigator

R01 AG18732 (PI: Mayeux) 2000-2004 NIH/NIA

Ethnic Variation in Genetic and Environment Factors Associated with Total Life Expectancy

The goal of this exploratory grant is to identify aging phenotypes that are strongly influenced by genetic components.

Role: Co-Investigator

R01 DK056210 (PI: Price) 1999-2004 NIH/NIDDK

Fine Localization of Genes for Human Obesity

The goal of this project is to identify susceptibility genes for extreme obesity.

Co-Investigator

(PI: Lee) 1996-1996 NIH/NIA

Genetic Modeling of Shared Susceptibility to Alzheimer's Disease and Down Syndrome

The goal of this pilot grant from NIH is to model aging by examining dementia in Down syndrome patients.

Role: PI

(PI: Lee) 1996-1996 NYS Institute for Basic Research

Shared Susceptibility to Alzheimer's Disease and Down Syndrome

The goal of this grant is to model familial aggregation of dementia in Down syndrome patients.

Role: PI

Departmental and University Committees

2003-Present Epidemiology Doctoral Committee
2004-Present Epidemiology Department Colloquium Committee
2005-Present Sergievsky Center Seminar Committee

Teaching Experience and Responsibilities

Courses and Lectures

9/13-9/24/06 *A Course on Neuroscience: From Basic Science to Clinical Research in Neurodegeneration*
Instructor, a short course sponsored by the University of Zulia, Venezuela and International Brain Research Organization
Enrollment: 10

4/6-4/10/05 *Genetics of Common Hereditary Disorders in Venezuela: Research Training Program*
Instructor, a short course sponsored by the University of Zulia, Venezuela, Columbia University, and Fogarty International Center
Enrollment: 20

2001-2004 *Epidemiology and Genetics of Aging* (P8404)
Lead Instructor, Columbia University
Enrollment: 5-10

2000 & 2005-2006 *Genetics in Epidemiology* (P8405)
Guest Lecturer, Columbia University
Enrollment: approximately 20

1996, 1999 *Behavioral Genetics* (SM 451, PSYC407)
Teaching Assistant, University of Pennsylvania
Enrollment: approximately 10

1988-1990 *Introduction to Epidemiology* (P6400)
Section Leader, Columbia University
Enrollment: approximately 20

Supervision of Graduate and Medical Students (reverse chronological order)

2007-2007 Sejin Ahn, BS, Medical Student, Seoul National University School of Medicine
Current Position, Medical Student, Seoul National University School of Medicine

2007-2007 Hae Jeng Lim, BS, Medical Student, Seoul National University School of Medicine
Current Position, Medical Student, Seoul National University School of Medicine

- 2007-2007 Sue Hyun Seo, BS, Medical Student, Seoul National University School of Medicine
Current Position, Medical Student, Seoul National University School of Medicine
- 2005-2007 Maruit Chulikavit, BA, Graduate Student in Epidemiology, Columbia University
Current Position: Graduate Student, Columbia University
- 2005-2006 Alex Arriaga, BA, Medical Student, Cornell University
Current Position: Resident in Surgery, Thomas Jefferson University
- 2005-2006 Beverly Johnson, BA, Medical Student/Doris Duke Fellow, Brown University
Current Position: Resident in Internal Medicine, Cornell University
- 2005-2005 Elizabeth Oelsner, BA, Medical Student, Columbia University
Current Position: Medical student, Columbia University
- 2004-2007 Michael Campbell, PhD, Graduate Student in Anthropology, Columbia University
Current Position: Postdoctoral Fellow, Columbia University
- 2004-2006 Hye-Seung Lee, MS, Graduate Student in Biostatistics, Columbia University
Current Position: Assistant Professor of Biostatistics, University of South Florida
- 2004-2005 Mihaela Boghian, MA, Graduate Student in Quantitative Methods in the Social Sciences, Columbia University
Current Position: Director of Administration, Sergievsky Center, Columbia University
- 2003-Present Elena Hoskins, MPH, Graduate Student in Epidemiology, Columbia University
Current Position: Graduate Student (on leave)
- 2003-Present Raymond Wang, BS, Graduate Student in Epidemiology, Columbia University
Current Position: Graduate Student (on leave)
- 2001-2002 Alex Arriaga, BA, Undergraduate Student in Mathematics, Columbia University
Current Position: Resident in Surgery, Thomas Jefferson University
- 2001-2003 Antonia Flaquer, MS, Research Associate in Taub Institute, Columbia University
Current Position: Graduate Student, University of Bonn, Germany

Visiting Scientist and Fellows

- 2006-Present Angela Nervi, MD, Postdoctoral Research Scientist, Columbia University
Current Position: Postdoctoral Research Scientist, Columbia University
- 2005-2005 JooHon Sung, MD, PhD, Visiting Scientist, Columbia University

Current Position: Assistant Professor of Preventive Medicine, Kangwon National University, Kangwon-Do, Korea

2004-2005 Inara Chacon, MD, Postdoctoral Fellow, Columbia University
Current Position: Assistant Professor of Medical Genetics, La Universidad del Julia, Venezuela

Other Professional Activities

Invited Talks

- June 2007 *Search for Alzheimer Disease Susceptibility Genes: Examples of Sortilin-Related Receptor Gene and Genes on 12p*
Chicago Biomarker Workshop, University of Chicago, Chicago, IL
- Nov 2006 *Allelic Association in Common Disease: Usefulness of Family Based Approaches*
International Symposium on Multi-Center Collaboration Cohort Project for Korean Genome Epidemiology Study, Seoul National University, Seoul, Korea
- Nov 2006 *Korean Diaspora Project: A Way to Understand How Genetic and Environmental Factors Influence Common Traits*
The Symposium of SNU Research Center for Genome Epidemiology. BK21 Research Center for Genome Epidemiology, Seoul National University, Seoul, Korea
- Nov 2006 *Genetics of Alzheimer Disease*
Department of Biochemistry, Seoul National University, Seoul, Korea
- Mar 2005 *A Study of Gene and Environment: Korean Populations Study*
Lifespan Health Research Center, Wright State University
- Sep 2003 *Understanding Complex traits: Alzheimer Disease as an Example*
Department of Psychiatry, Seoul National University, Seoul, Korea
- Sep 2003 *Genetics of Alzheimer Disease*
Department of Neurology, Hallym University, Gyunggi-do, Korea
- May 2003 *Korean Diaspora Project: A Genetic Epidemiology of Complex Traits*
Genetics of Complex Diseases and Isolated Populations, Sardinia, Italy.
- Jul 2002 *Gene-Environment Interaction in Overseas Koreans*
Biotechnology Session of the World Congress of Korean Scientists and Engineers, Seoul, Korea
- Feb 2001 *Gene-Environmental Interaction: A Migrant Study of the Korean Populations*

University Seminar, Columbia University, New York, NY

Aug 2000 *Genetic Epidemiology of Aging*
Catholic Medical College of Korea, Seoul, Korea

Mar 1998 *Genetics of Extreme Obesity*
Department of Epidemiology, Johns Hopkins University

Feb 1998 *Genetics of Extreme Obesity*
Division of Genetic Epidemiology, University of Utah

Ad Hoc Journal Review

- American Journal of Epidemiology
- American Journal of Medical Genetics
- American Journal of Medical Genetics: Neuropsychiatric Genetics
- American Journal of Human Genetics
- American Journal of Public Health
- Annals of Neurology
- Archives of Neurology
- Dementia and Geriatric Cognitive Disorders
- European Journal of Human Genetics
- International Journal of Epidemiology
- International Journal of Obesity
- Journal of Clinical Investigation
- Journal of International Neuropsychological Society
- Molecular Psychiatry
- Neurobiology of Aging
- Neurogenetics
- Neurology
- Neuroscience Letters
- Obesity Research
- Psychology and Aging
- Science
- Stroke

Grant Review

- Medical Research Council, UK
- U.S. Civilian Research and Development Foundation
- Alzheimer's Association
- Member, Scientific Review Board, Institute for the Study of Aging

Consultant

- Maracaibo Aging Study, Universidad del Julia, Maracaibo, Venezuela (PI: G. Mastre)

- Genetic Evaluation of Non-syndromic Cleft Lip with or without Cleft Palate in an Honduran population, Columbia University (PI: J. Haddad)
- Korean Twin study, Kangwon National University, Kangwon-do, Korea (PI: J. Sung)
- Gene Discovery for Complex traits in Asian population of Northeast area (PI: J. S. Seo)
- Population-based Gene-Environment Research Center, Yonsei University, Seoul, Korea (PI: I. Suh)

Publications (in reverse chronological order)

A. Original, Peer-reviewed Articles ([‡]Authors Contributed Equally; *Senior Author)

1. **Lee JH**, Cheng R, Honig L, Vonsattel J-P, Tycko B, Clark L, Mayeux R. The Association between Genetic Variants in *SORL1* and Autopsy-Confirmed Alzheimer's Disease. Neurology (in press)
2. Johnson B, Santana V, Schupf N, Tang M-X, Stern Y, Mayeux R, **Lee JH***. The heritability of abstract reasoning in Caribbean Latinos with familial Alzheimer Disease. Dementia and Geriatric Cognitive Disorders (in press)
3. **Lee JH**, Cheng R, Schupf N, Manly J, Lantigua R, Stern Y, Tycko B, Rogaeva E, Wakutani Y, St George-Hyslop P, Farrer L, Mayeux R. The association between genetic variants in *SORL1* and Alzheimer's Disease in an urban, multiethnic community-based cohort. Archives of Neurology 2007;64:501-506.
4. Rogaeva E[‡], Meng Y[‡], **Lee JH[‡]**, Gu Y[‡], Kawarai T[‡], Zou F[‡], Katayama T, Baldwin CT, Cheng R, Hasegawa H, Chen F, Shibata N, Lunetta KL, Pardossi-Piquard R, Bohm C, Wakutani Y, Cupples LA, Cuenco KT, Green RC, Pinessi L, Rainero I, Sorbi S, Bruni A, Duara R, Friedland R, Inzelberg R, Hampe W, Bujo H, Song Y, Andersen O, Willnow TE, Graff-Radford N, Petersen R, Dickson D, Der SD, Fraser PE, Schmitt-Ulms G, Younkin S, Mayeux R, Farrer LA, St George-Hyslop P. The neuronal sortilin-related receptor *SORL1* is genetically associated with Alzheimer's Disease. Nature Genetics 2007;39(2): 168-177.
5. **Lee JH**, Cheng R, Santana V, Williamson J, Lantigua R, Medrano M, Arriaga A, Stern Y, Tycko B, Rogaeva E, Wakutani Y, Kawarai T, St George-Hyslop P, Mayeux R. Expanded genome-wide scan implicates a novel locus at 3q28 among Caribbean Hispanics with familial Alzheimer's disease. Archives of Neurology 2006; 63:1591-1598.
6. Shibata N, Kawarai T, Meng Y, **Lee JH**, Lee H-S, Shibata E, Sato C, Sorbi S, Bruni AC, Duara R, Mayeux R, Farrer LA, St. George-Hyslop P, Rogaeva E. Association studies between the plasmin genes and late-onset Alzheimer's disease. Neurobiology of Aging doi:10.1016/j.neurobiolaging.2006.05.028.

7. Olarte L, Schupf N, **Lee JH**, Tang M-X, Santana V, Williamson J, Tycko B, Maramreddy P, Mayeux R. *APOE-ε4* and Age-At-Onset of Sporadic and Familial Alzheimer Disease in Caribbean Hispanics. Archives of Neurology 2006; 63:1586-1590.
8. Honig LS, Schupf N, **Lee JH**, Tang MX, Mayeux R. Short telomere length is associated with mortality in those with APOE4 and those with dementia. Annals of Neurology 2006;60:181-187.
9. Rippon GA, Tang M-X, **Lee JH**, Lantigua R, Mayeux R. Stroke, Estrogen, APOE and familial Alzheimer Disease among Caribbean Hispanics. Neurology 2006;66:35-40.
10. Shibata N, Kawarai T, **Lee JH**, Lee HS, Shibata E, Sato C, Liang Y, Duara R, Mayeux RP, St George-Hyslop PH, Rogaeva E. Association studies of cholesterol metabolism genes (CH25H, ABCA1 and CH24H) in Alzheimer's disease. Neuroscience Letter 2006;391(3):142-146.
11. Schupf N, Costa R, Luchsinger J, Tang M-X, **Lee JH**, Mayeux R. Relation of plasma lipids to all-cause mortality in nondemented elderly. Journal of the American Geriatrics Society 2005;53(2):219-226.
12. Schupf N, Tang M-X, Costa R, Andrews H, **Lee JH**, Mayeux R. Decline in cognitive and functional skills increases mortality risk in nondemented elderly. Neurology 2005;65(8):1218-1226.
13. **Lee JH**, Flaquer A, Stern Y, Tycko B, Mayeux R. Genetic influences on memory performance in familial Alzheimer's disease. Neurology 2004;62: 414-421.
14. **Lee JH**[‡], Mayeux R[‡], Mayo D, Mo J, Santana V, Williamson J, Flaquer A, Ciappa A, Rondon HZ, Estevez P, Lantigua R, Kawarai T, Toulina A, Medrano M, Torres M, Stern Y, Tycko B, Rogaeva E, St George-Hyslop P, Knowles JA. Fine mapping of 10q and 18q for familial Alzheimer disease among Caribbean Hispanics. Molecular Psychiatry 2004;9(11):1042-1051.
15. **Lee JH**, Flaquer A, Estrada-Nadal L, Costa R, Andrews H, Lantigua R, Mayeux R. Genetic influences on life span and survival among elderly African-Americans, Caribbean Hispanics, and Caucasians. American Journal of Medical Genetics 2004;128A:159-164.
16. Tycko B, **Lee JH**, Ciappa A, Saxena A, Li C-M, Feng L, Arriaga A, Stern Y, Lantigua R, Shachter N, Mayeux R. APOE and APOC1 Promoter Polymorphisms and the risk of Alzheimer Disease in African-American and Caribbean Hispanic individuals. Archives of Neurology 2004; 61(9):1434-1439.
17. Schupf N, Costa R, Tang MX, Andrews H, Tycko B, **Lee JH**, Mayeux R. Preservation of cognitive and functional ability as markers of longevity. Neurobiology of Aging 2004;25:1231-1240.

18. Fillenbaum GG, Burchett BM, **Lee JH**, Blazer DG. Mortality and Apolipoprotein E in African-American and White elders: An Attempted Replication. American Journal of Medical Genetics 2003;119A:141-146.
19. Mayeux R[‡], **Lee JH**[‡], Romas SN, Mayo D, Santana V, Williamson J, Ciappa A, Rondon HZ, Estevez P, Lantigua R, Medrano M, Torres M, Stern Y, Tycko B, Knowles JA. Chromosome 12 mapping of late-onset Alzheimer's disease among Caribbean Hispanics. American Journal of Human Genetics 2002;70:237-243.
20. Terwilliger JD, Göring HHH, Magnusson PKE, **Lee JH***. Study design for genetic epidemiology and gene mapping: the Korean Diaspora Project. Life Science Research 2002;6(2):95-115.
21. Athan E, **Lee JH**, Arriaga AF, Mayeux RP, Tycko B. Polymorphisms in the promoter of the human *APP* gene: Functional evaluation and allele frequencies in Alzheimer's disease. Archives of Neurology 2002;59(11):1793-1799
22. Romas SN, Santana V, Williamson J, Ciappa A, **Lee JH**, Rondon HZ, Estevez P, Lantigua R, Medrano M, Torres M, Stern Y, Tycko B, Mayeux R. Familial Alzheimer's disease among Caribbean Hispanics: A re-examination of the association with APOE. Archives of Neurology 2002;59(1):87-91.
23. Winawer MR, Martinelli Boneschi F, Barker-Cummings C, **Lee JH**, Gilliam TC, Pedley TA, Hauser WA, Ottman R. Four new families with autosomal dominant partial epilepsy with auditory features: clinical description and linkage to chromosome 10q24. Epilepsia 2002;43(1):60-67.
24. **Lee JH**, Tang MX, Schupf N, Stern Y, Mayeux RP. Mortality and Apolipoprotein E in Hispanic, African-American, and Caucasian elders. American Journal of Medical Genetics 2001;103:121-127.
25. **Lee JH**, Reed DR, Price RA. Leptin resistance is associated with extreme obesity and aggregates in families. International Journal of Obesity and Related Metabolic Disorders 2001;25(10):1471-1473.
26. Schupf N, Kapell D, Nightingale B, **Lee JH**, Mohlenoff J, Bewley S, Ottman R, Mayeux R. Specificity of the fivefold increase in AD in mothers of adults with Down syndrome. Neurology 2001;57(6):979-984.
27. Athan E, Williamson J, Ciappa A, Santana V, Romas SN, **Lee JH**, Zadroga HR, Lantigua R, Medrano M, Torres M-B, Arawaka S, Rogaeva E, Song Y, Sata C, Kawarai T, St. George-Hyslop P, Stern Y, Tycko B, Mayeux R. A novel founder mutation Presenilin 1 causing familial, early onset Alzheimer's disease in Caribbean Hispanics. JAMA 2001;286(18):2257-2263.

28. Price RA, **Lee JH**. Risk ratios for obesity in obese African-American and Caucasian women. Human Heredity 2000;51:35-40.
29. Li WD, **Lee JH**, Price RA. The peroxisome proliferator-activated receptor γ 2 Pro12Ala mutation is associated with early-onset extreme obesity and reduced fasting glucose. Molecular Genetics and Metabolism 2000;70:159-161.
30. **Lee JH**, Reed DR, Li W-D, Xu W, Joo E-J, Kilker RL, Nanthakumar E, North M, Sakul H, Bell C, Price RA. Genome scan for human obesity and linkage to markers in 20q13. American Journal of Human Genetics 1999;64(1):196-209.
31. Li WD, Reed DR, **Lee JH**, Xu W, Kilker RL, Sodam BR, Price RA. Sequence variants in the 5' untranslated region of the leptin gene are associated with obesity in women. Annals of Human Genetics 1999;63:227-234.
32. Joo EJ, **Lee JH**, Cannon TD, Price RA. Possible association between schizophrenia and a CAG repeat polymorphism in Spinocerebellar Ataxia Type 1 (SCA1) gene on human chromosome 6p23. Psychiatric Genetics 1999;9:7-11.
33. Price RA, Reed DR, **Lee JH**. Obesity related phenotypes in families selected for extreme obesity and leanness. International Journal of Obesity and Related Metabolic Disorders 1998;22:406-413.
34. Ottman R, **Lee JH**, Hauser WA, Risch N. Are generalized and localization-related epilepsies genetically distinct? Archives of Neurology 1998;55(3):339-344.
35. Kapell D, Nightingale B, Rodriguez A, **Lee JH**, Zigman WB, Schupf N. Prevalence of chronic medical conditions in adults with mental retardation with and without Down syndrome: Comparison with the general population. Mental Retardation 1998;36(4):269-279.
36. **Lee JH**, Reed DR, Price RA. Familial risk ratios for extreme obesity: Implications for mapping human obesity genes. International Journal of Obesity and Related Metabolic Disorders 1997;21:935-940.
37. Schupf N, Zigman W, Kapell D, **Lee J**, Kline J, Levin B. Early menopause in women with Down's syndrome. Journal of Intellectual Disability Research 1997;41(3):264-267.
38. Ottman R, Hauser A, Barker-Cummings C, **Lee JH**, Risch N. Segregation analysis of cryptogenic epilepsy and an empirical test of the validity of the results. American Journal of Human Genetics 1997;60:667-675.
39. Jenkins EC, Schupf N, Genovese M, Ye LL, Kapell D, Canto B, Harris M, Devenny D, **Lee JH**, Brown WT. Increased low level Chromosome 21 mosaicism in older individuals with Down syndrome. American Journal of Medical Genetics 1997;68:147-151.

40. Schupf N, Kapell D, **Lee JH**, Zigman W, Canto B, Tycko B, Mayeux R. Onset of dementia is associated with Apolipoprotein E $\epsilon 4$ in Down syndrome. Annals of Neurology 1996;40(5):799-801.
41. Ottman R, **Lee JH**, Risch N, Hauser WA, Susser M. Clinical indicators of genetic susceptibility to epilepsy. Epilepsia 1996;37(4):353-361.
42. Junco-Munoz P, Ottman R, **Lee JH**, Barton SA, Rivas F, Cerda-Flores RM. Blood lead concentrations and associated factors in residents of Monterrey, Mexico. Archives of Medical Research 1996;27(4):547-551.
43. Ottman R, Risch N, Hauser WA, Pedley TA, **Lee JH**, Barker-Cummings C, Lustenberger A, Nagle KJ, Lee KS, Scheuer ML, Neystat M, Susser M, Wilhelmsen K. Localization of a gene for partial epilepsy to chromosome 10q. Nature Genetics 1995;10:56-60.
44. Ottman R, **Lee JH**, Hauser WA, Risch N. Birth cohort and familial risk of epilepsy: the effect of diminished recall in studies of lifetime prevalence. American Journal of Epidemiology 1995;141(3):235-241.
45. Schupf N, Kapell D, **Lee JH**, Ottman R, Mayeux R. Increased risk for Alzheimer's disease in mothers of adults with Down syndrome. The Lancet 1994;344:353-356.
46. Schupf N, Kapell D, **Lee JH**, Ottman R, Mayeux R. The authors reply [letter]. Increased risk for Alzheimer's disease in mothers of adults with Down syndrome. The Lancet 1994;344:1093-1094.
47. Ottman R, **Lee JH**, Hauser WA, Hong S, Hesdorffer D, Schupf N, Pedley TA, Scheuer, ML. Reliability of seizure classification using a semistructured interview. Neurology 1993;43:2526-2530.

Original Articles Submitted to Peer-Reviewed Journals

48. **Lee JH**[‡], Cheng R[‡], Chacon I[‡], Barral S, Santana V, Williamson J, Lantigua R, Medrano M, Stern Y, Tycko B, Rogaeva E, Wakutani Y, Kawarai T, St George-Hyslop P, Mayeux R. Genome-wide linkage of age-at-onset in Caribbean Hispanics with familial Alzheimer's Disease. (in revision)
49. **Lee JH**, Cheng R, Rogaeva EA, Meng Y, Stern Y, Lantigua R, Medrano M, Farrer LA, St George-Hyslop P, Mayeux R. The Chromosome 12p13 Locus for Late-Onset Alzheimer Disease. (under review)
50. **Lee JH**, Lee H-S, Rogaeva E, Cheng R, Santana V, Williamson J, Lantigua R, Medrano M, Tycko B, Stern Y, St. George-Hyslop P, Mayeux R. Genetic dissection of Alzheimer disease:

Examination of candidate genes at chromosome 12p and Apolipoprotein E using memory traits. (under review)

51. **Lee JH**, Chulikavit M, Zigman WB, Mehta PD, Silverman W, Schupf N. Sortilin-related receptor (*SORLI*) is associated with Alzheimer disease risk in individuals with Down syndrome. (under review)
52. **Lee JH**, Rogaeva E, Cheng R, Santana V, Williamson J, Lantigua R, Medrano M, Tycko B, Stern Y, St. George-Hyslop P, Mayeux R. Genetic dissection of Alzheimer Disease at the *SORLI* using cognitive functions. (in preparation)
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B. Case Reports

None

C. Books

None

D. Reviews, Chapters, and Editorials

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