




Joachim Hallmayer

Professor of Psychiatry and Behavioral Sciences

Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development

 NIH Biosketch available Online

 Curriculum Vitae available Online

CONTACT INFORMATION

• Alternate Contact

Karen Doty - Administrative Associate

Email rosav1@stanford.edu

Tel 650-724-5050

Bio

ACADEMIC APPOINTMENTS

- Professor, Psychiatry and Behavioral Sciences - Child & Adolescent Psychiatry and Child Development
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

HONORS AND AWARDS

- Fellow of the German Research Association, Deutsche Forschungsgemeinschaft (German Research Foundation) (1989)
- Young Investor Award, National Alliance for Research on Schizophrenia and Depression (1991)
- Editorial Board, Psychiatric Genetics (1994)
- Temporary Member, Genome Study Section Center for Scientific Review (2001-2002)
- Section Editor, Current Psychiatry Reports - Nonschizophrenic Psychotic Disorders (2001)

PROFESSIONAL EDUCATION

- Dr. med., University of Cologne, Germany, Medicine (1989)
- M.D., University of Cologne, Germany, Medicine (1986)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Principal Investigator

Infrastructure to facilitate discovery of autism genes

The purpose of this project is to facilitate the discovery of the genes that contribute autism by maintaining an infrastructure which research groups studying the genetics of autism can work collaboratively. This will be

accomplished through workshops, a Virtual Private Network, and access to a database that includes phenotype and genotype data from all participating groups.

Principal Investigator

A California Population-Based Twin Study of Autism

This will address several fundamental questions: (1) What is the heritability of autism (2) What is the contribution of genetic factors to variation in symptom dimensions? (3) Is there a continuum between the quantitative neurocognitive traits and clinical disorder? (4) What proportion of the variance in the neurocognitive traits is accounted for by genetic and non-genetic factors?

Co-Investigator

Center for Integrating Ethics in Genetics Research(Cho)

The goal of this project is to serve as a center of excellence in neurogenetics research, to develop a national model for bench, to bedside research ethics consultation, and to provide training opportunity in biomedical ethics.

Co-Investigator

Gene, Brain and Behavior in Turner Syndrome(Reiss)

The primary objective of this project is to use advanced, multi-modal magnetic resonance imaging (MRI) techniques, analyses of X chromosome parent-of-origin and cognitive-behavioral assessment to elucidate the effects of monosomy and X-linked imprinting on neurodevelopment and neural function in a large cohort of young girls with Turner syndrome, pre-estrogen replacement.

Project Director

Project F: Genomic Analysis in narcolepsy cataplexy

The goal of the project is to locate genes outside the HLA region that influence susceptibility to narcolepsy. In order to localize these genes we will carry out a linkage and association study in the most extensive world-wide collection of DNAs from well-characterized patients with narcolepsy and their families.

Teaching

COURSES

2023-24

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

2022-23

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

2021-22

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

2020-21

- Autism Spectrum Disorder: HUMBIO 164 (Aut)

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Genetics (Phd Program)
- Neurosciences (Phd Program)

Publications

PUBLICATIONS

- **Multimodal Exercise and Cognitive Training Program Improves Cognitive Function in Amnesic Mild Cognitive Impairment.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*

- Fairchild, J. K., Myers, J., Louras, P., Jo, B., McNeerney, M. W., Hallmayer, J., Yesavage, J.
2023
- **Mutations in human DNA methyltransferase DNMT1 induce specific genome-wide epigenomic and transcriptomic changes in neurodevelopment.** *Human molecular genetics*
Davis, K. N., Qu, P. P., Ma, S., Lin, L., Plastini, M., Dahl, N., Plazzi, G., Pizza, F., O'Hara, R., Wong, W. H., Hallmayer, J., Mignot, E., Zhang, et al
2023
 - **A Twin Study of Altered White Matter Heritability in Youth With Autism Spectrum Disorder.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Hegarty, J. P., Monterrey, J. C., Tian, Q., Cleveland, S. C., Gong, X., Phillips, J. M., Wolke, O., McNab, J. A., Hallmayer, J., Reiss, A. L., Hardan, A. Y., Lazzeroni, L. C.
2023
 - **Narcolepsy risk loci outline role of T cell autoimmunity and infectious triggers in narcolepsy.** *Nature communications*
Ollila, H. M., Sharon, E., Lin, L., Sinnott-Armstrong, N., Ambati, A., Yogeshwar, S. M., Hillary, R. P., Jolanki, O., Faraco, J., Einen, M., Luo, G., Zhang, J., Han, et al
2023; 14 (1): 2709
 - **Sleep architecture is associated with core symptom severity in autism spectrum disorder.** *Sleep*
Kawai, M., Buck, C., Chick, C. F., Anker, L., Talbot, L., Schneider, L., Linkovski, O., Cotto, I., Parker-Fong, K., Phillips, J., Hardan, A., Hallmayer, J., O'Hara, et al
2022
 - **HUMAN IPSC MODELING OF NEUROPSYCHIATRIC DISORDER: FROM POLYGENICITY TO CONVERGENCE**
Duan, J., Huckins, L., Hallmayer, J.
ELSEVIER.2022: E33
 - **Preparing the Next Generation of Academic Researchers During the Pandemic: Lessons from a National Mental Health Research Postdoctoral Fellowship.** *Academic psychiatry : the journal of the American Association of Directors of Psychiatric Residency Training and the Association for Academic Psychiatry*
Hantke, N. C., Samarina, V., Hallmayer, J., Anker, L., O'Hara, R., Beaudreau, S. A.
2022
 - **Increased activation product of complement 4 protein in plasma of individuals with schizophrenia.** *Translational psychiatry*
Kalinowski, A., Liliental, J., Anker, L. A., Linkovski, O., Culbertson, C., Hall, J. N., Pattni, R., Sabatti, C., Noordsy, D., Hallmayer, J. F., Mellins, E. D., Ballon, J. S., O'Hara, et al
2021; 11 (1): 486
 - **Genetic and demographic predisposing factors associated with pediatric sleepwalking in the Philadelphia Neurodevelopmental Cohort.** *Journal of the neurological sciences*
Chiba, Y., Phillips, O. R., Takenoshita, S., Ollila, H. M., Hallmayer, J. F., Nishino, S., Singh, M. K.
2021; 430: 119997
 - **Effects of X Chromosome Monosomy and Genomic Imprinting on Observational Markers of Social Anxiety in Prepubertal Girls with Turner Syndrome.** *Journal of autism and developmental disorders*
Hall, S. S., Riley, M. J., Weston, R. N., Lepage, J., Hong, D. S., Jo, B., Hallmayer, J., Reiss, A. L.
2021
 - **Brain health registry GenePool study: A novel approach to online genetics research.** *Alzheimer's & dementia (New York, N. Y.)*
Fockler, J., Kwang, W., Ashford, M. T., Flenniken, D., Hwang, J., Truran, D., Mackin, R. S., Jin, C., O'Hara, R., Hallmayer, J. F., Yesavage, J. A., Weiner, M. W., Nosheny, et al
2021; 7 (1): e12118
 - **Genetic and environmental influences on structural brain measures in twins with autism spectrum disorder** *MOLECULAR PSYCHIATRY*
Hegarty, J. P., Pegoraro, L. L., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. F., Monterrey, J. C., Cleveland, S. C., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2020; 25 (10): 2556–66
 - **The 5-HTTLPR Long, not Short, Allele Predicts Two-year Longitudinal Increases in Cortisol and Declines in Verbal Memory in Older Adults.** *International journal of geriatric psychiatry*

- Hirst, R. B., Jordan, J. T., Miryam Schussler-Fiorenza Rose, S., Schneider, L., Kawai, M., Gould, C., Anker, L., Chick, C. F., Beaudreau, S., Hallmayer, J., O'Hara, R.
2020
- **Integrated functional genomic analyses of Klinefelter and Turner syndromes reveal global network effects of altered X chromosome dosage.** *Proceedings of the National Academy of Sciences of the United States of America*
Zhang, X., Hong, D., Ma, S., Ward, T., Ho, M., Pattni, R., Duren, Z., Stankov, A., Bade Shrestha, S., Hallmayer, J., Wong, W. H., Reiss, A. L., Urban, et al
2020
 - **Neuronal defects in a human cellular model of 22q11.2 deletion syndrome.** *Nature medicine*
Khan, T. A., Revah, O. n., Gordon, A. n., Yoon, S. J., Krawisz, A. K., Goold, C. n., Sun, Y. n., Kim, C. H., Tian, Y. n., Li, M. Y., Schaepe, J. M., Ikeda, K. n., Amin, et al
2020
 - **Network Effects of the 15q13.3 Microdeletion on the Transcriptome and Epigenome in Human-Induced Neurons.** *Biological psychiatry*
Zhang, S. n., Zhang, X. n., Purmann, C. n., Ma, S. n., Shrestha, A. n., Davis, K. N., Ho, M. n., Huang, Y. n., Pattni, R. n., Wong, W. H., Bernstein, J. A., Hallmayer, J. n., Urban, et al
2020
 - **Glucocorticoid regulation and neuroanatomy in fragile x syndrome** *Journal of Psychiatric Research*
Bruno, J. L., Hong, D. S., Lightbody, A. A., Hosseini, S., Hallmayer, J., Reiss, A. L.
2020
 - **Sleep-wake disorders in Alzheimer's disease: further genetic analyses in relation to objective sleep measures.** *International psychogeriatrics*
Yesavage, J. A., Noda, A., Heath, A., McNerney, M. W., Domingue, B. W., Hernandez, Y., Benson, G., Hallmayer, J., O'Hara, R., Williams, L. M., Goldstein-Piekarski, A. N., Zeitzer, J. M., Fairchild, et al
2019: 1–7
 - **Genetic and environmental influences on corticostriatal circuits in twins with autism** *Journal of psychiatry & neuroscience : JPN*
Hegarty II, J. P., Lazzaroni, L. C., Raman, M. M., Hallmayer, J. F., Cleveland, S. C., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2019; 44 (6): 190030
 - **COMPARATIVE FUNCTIONAL GENOMICS ANALYSES OF THE 16P11.2 DELETION AND DUPLICATION CNVS IN A HUMAN IPSC-TO-INDUCED NEURON MODEL**
Zhang, X., Thomas, W., Leung, L., Zhou, B., Muench, K., Plastini, M., Pattni, R., Ho, S., Ho, M., Huang, Y., Hallmayer, J., Mourrain, P., Palmer, et al
ELSEVIER.2019: S66
 - **INTEGRATED ANALYSIS OF GENE EXPRESSION, DNA METHYLATION AND CHROMATIN ACCESSIBILITY IN A HUMAN IPSC-TO-INDUCED-NEURON MODEL OF THE 15Q13.3 MICRODELETION**
Zhang, S., Zhang, X., Ma, S., Purmann, C., Davis, K., Wong, W., Bernstein, J., Hallmayer, J., Urban, A.
ELSEVIER.2019: S105
 - **Beyond a Binary Classification of Sex: An Examination of Brain Sex Differentiation, Psychopathology, and Genotype** *JOURNAL OF THE AMERICAN ACADEMY OF CHILD AND ADOLESCENT PSYCHIATRY*
Phillips, O. R., Onopa, A. K., Hsu, V., Ollila, H., Hillary, R., Hallmayer, J., Gotlib, I. H., Taylor, J., Mackey, L., Singh, M. K.
2019; 58 (8): 787–98
 - **Rediscovering an old friend: a role for insulin growth factor-2 in reducing neurodegeneration, decreasing amyloid beta, and improving memory** *INTERNATIONAL PSYCHOGERIATRICS*
O'Hara, R., Hallmayer, J.
2019; 31 (7): 925–27
 - **Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder** *SCIENCE TRANSLATIONAL MEDICINE*
Etkin, A., Maron-Katz, A., Wu, W., Fonzo, G. A., Huemer, J., Vertes, P. E., Patenaude, B., Richiardi, J., Goodkind, M. S., Keller, C. J., Ramos-Cejudo, J., Zaiko, Y., Peng, et al
2019; 11 (486)
 - **Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder.** *Science translational medicine*
Etkin, A., Maron-Katz, A., Wu, W., Fonzo, G. A., Huemer, J., Vertes, P. E., Patenaude, B., Richiardi, J., Goodkind, M. S., Keller, C. J., Ramos-Cejudo, J., Zaiko, Y. V., Peng, et al
2019; 11 (486)

- **Genetic and environmental influences on structural brain measures in twins with autism spectrum disorder.** *Molecular psychiatry*
Hegarty, J. P., Pegoraro, L. F., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. F., Monterrey, J. C., Cleveland, S. C., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2019
- **Genetic and environmental influences on cortico-striatal circuits in twins with autism.** *Genetic and environmental influences on cortico-striatal circuits in twins with autism.*
Hegarty, J. P., Lazzeroni, L. C., Raman, M. M., Hallmayer, J. C., Cleveland, S. C., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2019
- **Genetic and Environmental Influences on Lobar Brain Structures in Twins With Autism.** *Cerebral cortex (New York, N.Y. : 1991)*
Hegarty, J. P., Lazzeroni, L. C., Raman, M. M., Pegoraro, L. F., Monterrey, J. C., Cleveland, S. C., Hallmayer, J. F., Wolke, O. N., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2019
- **Brain Development in School-Age and Adolescent Girls: Effects of Turner Syndrome, Estrogen Therapy, and Genomic Imprinting.** *Biological psychiatry*
O'Donoghue, S. n., Green, T. n., Ross, J. L., Hallmayer, J. n., Lin, X. n., Jo, B. n., Huffman, L. C., Hong, D. S., Reiss, A. L.
2019
- **ANALYZING THE MOLECULAR NETWORK EFFECTS OF LARGE NEUROPSYCHIATRIC CNVS WITH IPSC BASED NEURONAL TISSUE CULTURE MODELS**
Purmann, C., Ma, S., Zhang, S., Ward, T., Huang, E., Pattni, R., Hallmayer, J., Wong, W., Urban, A.
ELSEVIER.2019: 1060
- **IPSCS - A PLATFORM TO STUDY AUTISM SPECTRUM DISORDER**
Hallmayer, J., Bernstein, J., O'Hara, R., Pasca, S.
ELSEVIER SCIENCE BV.2019: S764-S765
- **Beyond a Binary Classification of Sex: An Examination of Brain Sex Differentiation, Psychopathology, and Genotype.** *Journal of the American Academy of Child and Adolescent Psychiatry*
Phillips, O. R., Onopa, A. K., Hsu, V., Ollila, H. M., Hillary, R. P., Hallmayer, J., Gotlib, I. H., Taylor, J., Mackey, L., Singh, M. K.
2018
- **Serotonin transporter polymorphism, depressive symptoms, and emotional impulsivity among advanced breast cancer patients** *SUPPORTIVE CARE IN CANCER*
Kim, Y., Carver, C. S., Hallmayer, J. F., Zeitzer, J. M., Palesh, O., Neri, E., Nouriani, B., Spiegel, D.
2018; 26 (4): 1181-88
- **Integration of neural and epigenetic contributions to posttraumatic stress symptoms: The role of hippocampal volume and glucocorticoid receptor gene methylation** *PLOS ONE*
McNerney, M., Sheng, T., Nechvatal, J. M., Lee, A. G., Lyons, D. M., Soman, S., Liao, C., O'Hara, R., Hallmayer, J., Taylor, J., Ashford, J., Yesavage, J., Adamson, et al
2018; 13 (2): e0192222
- **Corticotropin-releasing factor 1 receptor haplotype and cognitive features of major depression.** *Translational psychiatry*
Davis, E. G., Keller, J. n., Hallmayer, J. n., Pankow, H. R., Murphy, G. M., Gotlib, I. H., Schatzberg, A. F.
2018; 8 (1): 5
- **Anomalous prefrontal-limbic activation and connectivity in youth at high risk for bipolar disorder** *JOURNAL OF AFFECTIVE DISORDERS*
Chang, K., Garrett, A., Kelley, R., Howe, M., Sanders, E., Acquaye, T., Bararpour, L., Li, S., Singh, M., Jo, B., Hallmayer, J., Reiss, A.
2017; 222: 7-13
- **Polygenic transmission disequilibrium confirms that common and rare variation act additively to create risk for autism spectrum disorders** *NATURE GENETICS*
Weiner, D. J., Wigdor, E. M., Ripke, S., Walters, R. K., Kosmicki, J. A., Grove, J., Samocha, K. E., Goldstein, J. I., Okbay, A., Bybjerg-Grauholm, J., Werge, T., Hougaard, D. M., Taylor, et al
2017; 49 (7): 978-+
- **Assembly of functionally integrated human forebrain spheroids** *NATURE*
Birey, F., Andersen, J., Makinson, C. D., Islam, S., Wei, W., Huber, N., Fan, H. C., Metzler, K. R., Panagiotakos, G., Thom, N., O'Rourke, N. A., Steinmetz, L. M., Bernstein, et al

2017; 545 (7652): 54-?

- **Characterizing regression in Phelan McDermid Syndrome (22q13 deletion syndrome).** *Journal of psychiatric research*
Reiersen, G., Bernstein, J., Froehlich-Santino, W., Urban, A., Purmann, C., Berquist, S., Jordan, J., O'Hara, R., Hallmayer, J.
2017; 91: 139-144
- **Autism genetics: opportunities and challenges for clinical translation.** *Nature reviews. Genetics*
Vorstman, J. A., Parr, J. R., Moreno-De-Luca, D., Anney, R. J., Nurnberger, J. I., Hallmayer, J. F.
2017
- **Whole genome sequencing resource identifies 18 new candidate genes for autism spectrum disorder.** *Nature neuroscience*
C Yuen, R. K., Merico, D., Bookman, M., L Howe, J., Thiruvahindrapuram, B., Patel, R. V., Whitney, J., Deflaux, N., Bingham, J., Wang, Z., Pellecchia, G., Buchanan, J. A., Walker, et al
2017
- **Sleep Disturbances in Individuals With Phelan-McDermid Syndrome: Correlation With Caregivers' Sleep Quality and Daytime Functioning** *SLEEP*
Bro, D., O'Hara, R., Primeau, M., Hanson-Kahn, A., Hallmayer, J., Bernstein, J. A.
2017; 40 (2)
- **Incidental brain MRI findings in an autism twin study.** *Autism research*
Monterrey, J. C., Philips, J., Cleveland, S., Tanaka, S., Barnes, P., Hallmayer, J. F., Reiss, A. L., Lazzeroni, L. C., Hardan, A. Y.
2017; 10 (1): 113-120
- **A proton MR spectroscopy study of the thalamus in twins with autism spectrum disorder.** *Progress in neuro-psychopharmacology & biological psychiatry*
Hegarty, J. P., Gu, M. n., Spielman, D. M., Cleveland, S. C., Hallmayer, J. F., Lazzeroni, L. C., Raman, M. M., Frazier, T. W., Phillips, J. M., Reiss, A. L., Hardan, A. Y.
2017
- **Individuals with Autism Spectrum Disorders Have Equal Success Rate But Require Longer Periods of Systematic Desensitization than Control Patients to Complete Ambulatory Polysomnography** *JOURNAL OF CLINICAL SLEEP MEDICINE*
Primeau, M., Gershon, A., Talbot, L., Cotto, I., Lotspeich, L., Hardan, A., Hallmayer, J., O'Hara, R.
2016; 12 (3): 357-362
- **A deleterious Nav1.1 mutation selectively impairs telencephalic inhibitory neurons derived from Dravet Syndrome patients.** *eLife*
Sun, Y., Pasca, S. P., Portmann, T., Goolod, C., Worringer, K. A., Guan, W., Chan, K. C., Gai, H., Vogt, D., Chen, Y. J., Mao, R., Chan, K., Rubenstein, et al
2016; 5
- **Identification of Human Neuronal Protein Complexes Reveals Biochemical Activities and Convergent Mechanisms of Action in Autism Spectrum Disorders.** *Cell systems*
Li, J., Ma, Z., Shi, M., Maly, R. H., Aoki, H., Minic, Z., Phanse, S., Jin, K., Wall, D. P., Zhang, Z., Urban, A. E., Hallmayer, J., Babu, et al
2015; 1 (5): 361-374
- **Identification of Human Neuronal Protein Complexes Reveals Biochemical Activities and Convergent Mechanisms of Action in Autism Spectrum Disorders** *CELL SYSTEMS*
Li, J., Ma, Z., Shi, M., Maly, R. H., Aoki, H., Minic, Z., Phanse, S., Jin, K., Wall, D. P., Zhang, Z., Urban, A. E., Hallmayer, J., Babu, et al
2015; 1 (5): 361-374
- **Impact of 5-HTTLPR on hippocampal subregional activation in older adults** *TRANSLATIONAL PSYCHIATRY*
Garrett, A., Gupta, S., Reiss, A. L., Waring, J., Sudheimer, K., Anker, L., Sosa, N., Hallmayer, J. F., O'Hara, R.
2015; 5
- **Impact of 5-HTTLPR on hippocampal subregional activation in older adults.** *Translational psychiatry*
Garrett, A., Gupta, S., Reiss, A. L., Waring, J., Sudheimer, K., Anker, L., Sosa, N., Hallmayer, J. F., O'Hara, R.
2015; 5: e639
- **Association of Anxiety Symptoms in Offspring of Bipolar Parents with Serotonin Transporter-Linked Polymorphic Region (5-HTTLPR) Genotype** *JOURNAL OF CHILD AND ADOLESCENT PSYCHOPHARMACOLOGY*
Park, M., Sanders, E., Howe, M., Singh, M., Hallmayer, J., Kim, E., Chang, K.
2015; 25 (6): 458-466
- **Telomere length and cortisol reactivity in children of depressed mothers.** *Molecular psychiatry*

- Gotlib, I. H., LeMoult, J., Colich, N. L., Foland-Ross, L. C., Hallmayer, J., Joermann, J., Lin, J., Wolkowitz, O. M.
2015; 20 (5): 615-620
- **Psychiatric genome-wide association study analyses implicate neuronal, immune and histone pathways** *NATURE NEUROSCIENCE*
O'Dushlaine, C., Rossin, L., Lee, P. H., Duncan, L., Parikshak, N. N., Newhouse, S., Ripke, S., Neale, B. M., Purcell, S. M., Posthuma, D., Nurnberger, J. I., Lee, S. H., Faraone, et al
2015; 18 (2): 199-209
 - **Preliminary study of anxiety symptoms, family dysfunction, and the brain-derived neurotrophic factor (BDNF) Val66Met genotype in offspring of parents with bipolar disorder.** *Journal of psychiatric research*
Park, M., Chang, K. D., Hallmayer, J., Howe, M. E., Kim, E., Hong, S. C., Singh, M. K.
2015; 61: 81-88
 - **Individuals with Autism Spectrum Disorders Have Equal Success Rate But Require Longer Periods of Systematic Desensitization than Control Patients to Complete Ambulatory Polysomnography.** *Journal of clinical sleep medicine*
Primeau, M., Gershon, A., Talbot, L., Cotto, I., Lotspeich, L., Hardan, A., Hallmayer, J., O'Hara, R.
2015; 12 (3): 357-362
 - **Connectivity Underlying Emotion Conflict Regulation in Older Adults with 5-HTTLPR Short Allele: A Preliminary Investigation.** *American journal of geriatric psychiatry*
Waring, J. D., Etkin, A., Hallmayer, J. F., O'Hara, R.
2014; 22 (9): 946-950
 - **Plasma oxytocin concentrations and OXTR polymorphisms predict social impairments in children with and without autism spectrum disorder** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Parker, K. J., Garner, J. P., Libove, R. A., Hyde, S. A., Hornbeak, K. B., Carson, D. S., Liao, C., Phillips, J. M., Hallmayer, J. F., Hardan, A. Y.
2014; 111 (33): 12258-12263
 - **Prenatal and perinatal risk factors in a twin study of autism spectrum disorders.** *Journal of psychiatric research*
Froehlich-Santino, W., Londono Tobon, A., Cleveland, S., Torres, A., Phillips, J., Cohen, B., Torigoe, T., Miller, J., Fedele, A., Collins, J., Smith, K., Lotspeich, L., Croen, et al
2014; 54: 100-108
 - **Convergence of Genes and Cellular Pathways Dysregulated in Autism Spectrum Disorders** *AMERICAN JOURNAL OF HUMAN GENETICS*
Pinto, D., Delaby, E., Merico, D., Barbosa, M., Merikangas, A., Klei, L., Thiruvahindrapuram, B., Xu, X., Ziman, R., Wang, Z., Vorstman, J. A., Thompson, A., Regan, et al
2014; 94 (5): 677-694
 - **Serotonin transporter polymorphism is associated with increased apnea-hypopnea index in older adults.** *International journal of geriatric psychiatry*
Schröder, C. M., Primeau, M. M., Hallmayer, J. F., Lazzaroni, L. C., Hubbard, J. T., O'Hara, R.
2014; 29 (3): 227-235
 - **Blood levels of brain derived neurotrophic factor in women with bipolar disorder and healthy control women.** *Journal of affective disorders*
Kenna, H. A., Reynolds-May, M., Stepanenko, A., Ketter, T. A., Hallmayer, J., Rasgon, N. L.
2014; 156: 214-218
 - **Cortisol, cytokines, and hippocampal volume interactions in the elderly.** *Frontiers in aging neuroscience*
Sudheimer, K. D., O'Hara, R., Spiegel, D., Powers, B., Kraemer, H. C., Neri, E., Weiner, M., Hardan, A., Hallmayer, J., Dhabhar, F. S.
2014; 6: 153-?
 - **Coming of age of genetic investigations in late-life mental health.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*
O'Hara, R. n., Hallmayer, J. n.
2014; 22 (10): 953-56
 - **Integrated systems analysis reveals a molecular network underlying autism spectrum disorders.** *Molecular systems biology*
Li, J., Shi, M., Ma, Z., Zhao, S., Euskirchen, G., Ziskin, J., Urban, A., Hallmayer, J., Snyder, M.
2014; 10 (12): 774-?
 - **Cortisol, cytokines, and hippocampal volume interactions in the elderly.** *Frontiers in aging neuroscience*
Sudheimer, K. D., O'Hara, R., Spiegel, D., Powers, B., Kraemer, H. C., Neri, E., Weiner, M., Hardan, A., Hallmayer, J., Dhabhar, F. S.

2014; 6: 153-?

- **Integrated systems analysis reveals a molecular network underlying autism spectrum disorders.** *Molecular systems biology*
Li, J., Shi, M., Ma, Z., Zhao, S., Euskirchen, G., Ziskin, J., Urban, A., Hallmayer, J., Snyder, M.
2014; 10: 774-?
- **The Autism Simplex Collection: an international, expertly phenotyped autism sample for genetic and phenotypic analyses.** *Molecular autism*
Buxbaum, J. D., Bolshakova, N., Brownfeld, J. M., Anney, R. J., Bender, P., Bernier, R., Cook, E. H., Coon, H., Cuccaro, M., Freitag, C. M., Hallmayer, J., Geschwind, D., Klauck, et al
2014; 5: 34-?
- **SHANK3 and IGF1 restore synaptic deficits in neurons from 22q13 deletion syndrome patients.** *Nature*
Shcheglovitov, A., Shcheglovitova, O., Yazawa, M., Portmann, T., Shu, R., Sebastiano, V., Krawisz, A., Froehlich, W., Bernstein, J. A., Hallmayer, J. F., Dolmetsch, R. E.
2013; 503 (7475): 267-271
- **SHANK3 and IGF1 restore synaptic deficits in neurons from 22q13 deletion syndrome patients** *NATURE*
Shcheglovitov, A., Shcheglovitova, O., Yazawa, M., Portmann, T., Shu, R., Sebastiano, V., Krawisz, A., Froehlich, W., Bernstein, J. A., Hallmayer, J. F., Dolmetsch, R. E.
2013; 503 (7475): 267-?
- **Genome wide analysis of narcolepsy in China implicates novel immune loci and reveals changes in association prior to versus after the 2009 H1N1 influenza pandemic.** *PLoS genetics*
Han, F., Faraco, J., Dong, X. S., Ollila, H. M., Lin, L., Li, J., An, P., Wang, S., Jiang, K. W., Gao, Z. C., Zhao, L., Yan, H., Liu, et al
2013; 9 (10)
- **Head circumferences in twins with and without autism spectrum disorders.** *Journal of autism and developmental disorders*
Froehlich, W., Cleveland, S., Torres, A., Phillips, J., Cohen, B., Torigoe, T., Miller, J., Fedele, A., Collins, J., Smith, K., Lotspeich, L., Croen, L. A., Ozonoff, et al
2013; 43 (9): 2026-2037
- **Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs** *NATURE GENETICS*
Lee, S. H., Ripke, S., Neale, B. M., Faraone, S. V., Purcell, S. M., Perlis, R. H., Mowry, B. J., Thapar, A., Goddard, M. E., Witte, J. S., Absher, D., Agartz, I., Akil, et al
2013; 45 (9): 984-?
- **Genomic imprinting effects of the x chromosome on brain morphology.** *journal of neuroscience*
Lepage, J., Hong, D. S., Mazaika, P. K., Raman, M., Sheau, K., Marzelli, M. J., Hallmayer, J., Reiss, A. L.
2013; 33 (19): 8567-8574
- **Structural MRI Investigations in Twins with Autism** *68th Annual Scientific Meeting of the Society-of-Biological-Psychiatry*
Hardan, A. Y., Hallmayer, J., Lazzeroni, L., Berquist, S., Raman, M. R., Patnaik, S., Phillips, J., Reiss, A. L., Cleveland, S.
ELSEVIER SCIENCE INC.2013: 88S-88S
- **Brain-derived neurotrophic factor val66met genotype and early life stress effects upon bipolar course** *JOURNAL OF PSYCHIATRIC RESEARCH*
Miller, S., Hallmayer, J., Wang, P. W., Hill, S. J., Johnson, S. L., Ketter, T. A.
2013; 47 (2): 252-258
- **ImmunoChip Study Implicates Antigen Presentation to T Cells in Narcolepsy** *PLOS GENETICS*
Faraco, J., Lin, L., Kornum, B. R., Kenny, E. E., Trynka, G., Einen, M., Rico, T. J., Lichtner, P., Dauvilliers, Y., Arnulf, I., Lecendreux, M., Javidi, S., Geisler, et al
2013; 9 (2)
- **ImmunoChip study implicates antigen presentation to T cells in narcolepsy.** *PLoS genetics*
Faraco, J., Lin, L., Kornum, B. R., Kenny, E. E., Trynka, G., Einen, M., Rico, T. J., Lichtner, P., Dauvilliers, Y., Arnulf, I., Lecendreux, M., Javidi, S., Geisler, et al
2013; 9 (2)
- **Individual common variants exert weak effects on the risk for autism spectrum disorders** *HUMAN MOLECULAR GENETICS*
Anney, R., Klei, L., Pinto, D., Almeida, J., Bacchelli, E., Baird, G., Bolshakova, N., Boelte, S., Bolton, P. F., Bourgeron, T., Brennan, S., Brian, J., Casey, et al
2012; 21 (21): 4781-4792
- **Mutations in DNMT1 cause autosomal dominant cerebellar ataxia, deafness and narcolepsy** *HUMAN MOLECULAR GENETICS*
Winkelman, J., Lin, L., Schormair, B., Kornum, B. R., Faraco, J., Plazzi, G., Melberg, A., Cornelio, F., Urban, A. E., Pizza, F., Poli, F., Grubert, F., Wieland, et al

2012; 21 (10): 2205-2210

- **5-HTTLPR Short Allele, Resilience, and Successful Aging in Older Adults** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
O'Hara, R., Marcus, P., Thompson, W. K., Flournoy, J., Vahia, I., Lin, X., Hallmayer, J., Depp, C., Jeste, D. V.
2012; 20 (5): 452-456
- **Neuroanatomical Similarities and Differences in Twin Pairs with Autism** *67th Annual Meeting of the Society-of-Biological-Psychiatry*
Harden, A. Y., Hallmayer, J., Frazier, T., Lazzeroni, L., Reiss, A.
ELSEVIER SCIENCE INC.2012: 188S–188S
- **A novel approach of homozygous haplotype sharing identifies candidate genes in autism spectrum disorder** *HUMAN GENETICS*
Casey, J. P., Magalhaes, T., Conroy, J. M., Regan, R., Shah, N., Anney, R., Shields, D. C., Abrahams, B. S., Almeida, J., Bacchelli, E., Bailey, A. J., Baird, G., Battaglia, et al
2012; 131 (4): 565-579
- **Genomic Imprinting Effects on Cognitive and Social Abilities in Prepubertal Girls with Turner Syndrome** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*
Lepage, J., Hong, D. S., Hallmayer, J., Reiss, A. L.
2012; 97 (3): E460-E464
- **Catechol-O-Methyltransferase Val158Met Polymorphism Moderates Anterior Cingulate Volume in Posttraumatic Stress Disorder** *BIOLOGICAL PSYCHIATRY*
Schulz-Heik, R. J., Schaer, M., Eliez, S., Hallmayer, J. F., Lin, X., Kaloupek, D. G., Woodward, S. H.
2011; 70 (11): 1091-1096
- **Using iPSC-derived neurons to uncover cellular phenotypes associated with Timothy syndrome** *NATURE MEDICINE*
Pasca, S. P., Portmann, T., Voineagu, I., Yazawa, M., Shcheglovitov, A., Pasca, A. M., Cord, B., Palmer, T. D., Chikahisa, S., Nishino, S., Bernstein, J. A., Hallmayer, J., Geschwind, et al
2011; 17 (12): 1657-U176
- **Genetic Heritability and Shared Environmental Factors Among Twin Pairs With Autism** *ARCHIVES OF GENERAL PSYCHIATRY*
Hallmayer, J., Cleveland, S., Torres, A., Phillips, J., Cohen, B., Torigoe, T., Miller, J., Fedele, A., Collins, J., Smith, K., Lotspeich, L., Croen, L. A., Ozonoff, et al
2011; 68 (11): 1095-1102
- **Insulin resistance and hippocampal volume in women at risk for Alzheimer's disease** *NEUROBIOLOGY OF AGING*
Rasgon, N. L., Kenna, H. A., Wroolie, T. E., Kelley, R., Silverman, D., Brooks, J., Williams, K. E., Powers, B. N., Hallmayer, J., Reiss, A.
2011; 32 (11): 1942-1948
- **Gene-ontology enrichment analysis in two independent family-based samples highlights biologically plausible processes for autism spectrum disorders.** *European journal of human genetics*
Anney, R. J., Kenny, E. M., O'Dushlaine, C., Yaspan, B. L., Parkhomenka, E., Buxbaum, J. D., Sutcliffe, J., Gill, M., Gallagher, L., Buxbaum, J. D., Sutcliffe, J., Gill, M., Gallagher, et al
2011; 19 (10): 1082-1089
- **Design Considerations for Characterizing Psychiatric Trajectories Across the Lifespan: Application to Effects of APOE-epsilon 4 on Cerebral Cortical Thickness in Alzheimer's Disease** *AMERICAN JOURNAL OF PSYCHIATRY*
Thompson, W. K., Hallmayer, J., O'Hara, R.
2011; 168 (9): 894-903
- **Circadian Clock Gene Polymorphisms and Sleep-Wake Disturbance in Alzheimer Disease** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*
Yesavage, J. A., Noda, A., Hernandez, B., Friedman, L., Cheng, J. J., Tinklenberg, J. R., Hallmayer, J., O'Hara, R., David, R., Robert, P., Landsverk, E., Zeitzer, J. M.
2011; 19 (7): 635-643
- **Novel method for combined linkage and genome-wide association analysis finds evidence of distinct genetic architecture for two subtypes of autism** *JOURNAL OF NEURODEVELOPMENTAL DISORDERS*
Vieland, V. J., Hallmayer, J., Huang, Y., Pagnamenta, A. T., Pinto, D., Khan, H., Monaco, A. P., Paterson, A. D., Scherer, S. W., Sutcliffe, J. S., Szatmari, P.
2011; 3 (2): 113-123
- **Do interactions between family stress and 5HTTLPR predict general psychopathology in youth at risk for pediatric bipolar disorder?** *9th International Conference on Bipolar Disorder (ICBD)*
Cosgrove, V. E., Howe, M. E., Acquaye, T., Li, S., Hallmayer, J., Chang, K. D.

WILEY-BLACKWELL.2011: 36–36

- **Using induced pluripotent stem cells to investigate cardiac phenotypes in Timothy syndrome** *NATURE*
Yazawa, M., Hsueh, B., Jia, X., Pasca, A. M., Bernstein, J. A., Hallmayer, J., Dolmetsch, R. E.
2011; 471 (7337): 230-U120
- **Rare familial 16q21 microdeletions under a linkage peak implicate cadherin 8 (CDH8) in susceptibility to autism and learning disability** *JOURNAL OF MEDICAL GENETICS*
Pagnamenta, A. T., Khan, H., Walker, S., Gerrelli, D., Wing, K., Bonaglia, M. C., Giorda, R., Berney, T., Mani, E., Molteni, M., Pinto, D., Le Couteur, A., Hallmayer, et al
2011; 48 (1): 48-54
- **Common variants in P2RY11 are associated with narcolepsy** *NATURE GENETICS*
Kornum, B. R., Kawashima, M., Faraco, J., Lin, L., Rico, T. J., Hesselson, S., Axtell, R. C., Kuipers, H., Weiner, K., Hamacher, A., Kassack, M. U., Han, F., Knudsen, et al
2011; 43 (1): 66-U90
- **Oxytocin receptor gene polymorphism (rs2254298) interacts with familial risk for psychopathology to predict symptoms of depression and anxiety in adolescent girls** *PSYCHONEUROENDOCRINOLOGY*
Thompson, R. J., Parker, K. J., Hallmayer, J. F., Waugh, C. E., Gotlib, I. H.
2011; 36 (1): 144-147
- **COMT genotype affects prefrontal white matter pathways in children and adolescents** *NEUROIMAGE*
Thomason, M. E., Dougherty, R. F., Colich, N. L., Perry, L. M., Rykhlevskaia, E. I., Louro, H. M., Hallmayer, J. F., Waugh, C. E., Bammer, R., Glover, G. H., Gotlib, I. H.
2010; 53 (3): 926-934
- **A genome-wide scan for common alleles affecting risk for autism** *HUMAN MOLECULAR GENETICS*
Anney, R., Klei, L., Pinto, D., Regan, R., Conroy, J., Magalhaes, T. R., Correia, C., Abrahams, B. S., Sykes, N., Pagnamenta, A. T., Almeida, J., Bacchelli, E., Bailey, et al
2010; 19 (20): 4072-4082
- **Functional impact of global rare copy number variation in autism spectrum disorders** *NATURE*
Pinto, D., Pagnamenta, A. T., Klei, L., Anney, R., Merico, D., Regan, R., Conroy, J., Magalhaes, T. R., Correia, C., Abrahams, B. S., Almeida, J., Bacchelli, E., Bader, et al
2010; 466 (7304): 368-372
- **Impact of Neuritin 1 (NRN1) Polymorphisms on Fluid Intelligence in Schizophrenia** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B- NEUROPSYCHIATRIC GENETICS*
Chandler, D., Dragovic, M., Cooper, M., Badcock, J. C., Mullin, B. H., Faulkner, D., Wilson, S. G., Hallmayer, J., Howell, S., Rock, D., Palmer, L. J., Kalaydjieva, L., Jablensky, et al
2010; 153B (2): 428-437
- **Healthy young women with serotonin transporter 5-HTT polymorphism show a pro-inflammatory bias under resting and stress conditions** *BRAIN BEHAVIOR AND IMMUNITY*
Fredericks, C. A., Drabant, E. M., Edge, M. D., Tillie, J. M., Hallmayer, J., Ramel, W., Kuo, J. R., Mackey, S., Gross, J. J., Dhabhar, F. S.
2010; 24 (3): 350-357
- **Intronic Single Nucleotide Polymorphisms of Engrailed Homeobox 2 Modulate the Disease Vulnerability of Autism in a Han Chinese Population** *NEUROPSYCHOBIOLOGY*
Yang, P., Shu, B., Hallmayer, J. F., Lung, F.
2010; 62 (2): 104-115
- **Twins with KBG Syndrome and Autism** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Hah, M., Lotspeich, L. J., Phillips, J. M., Torres, A. D., Cleveland, S. C., Hallmayer, J. F.
2009; 39 (12): 1744-1746
- **A genome-wide linkage and association scan reveals novel loci for autism** *NATURE*
Weiss, L. A., Arking, D. E.
2009; 461 (7265): 802-U62

- **Narcolepsy is strongly associated with the T-cell receptor alpha locus** *NATURE GENETICS*
Hallmayer, J., Faraco, J., Lin, L., Hesselson, S., Winkelmann, J., Kawashima, M., Mayer, G., Plazzi, G., Nevsimalova, S., Bourgin, P., Hong, S. S., Honda, Y., Honda, et al
2009; 41 (6): 708-711
- **Bipolar Disorder in the Bulgarian Gypsies: Genetic Heterogeneity in a Young Founder Population** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Kaneva, R., Milanova, V., Angelicheva, D., Macgregor, S., Kostov, C., Vladimirova, R., Aleksiev, S., Angelova, M., Stoyanova, V., Loh, A., Hallmayer, J., Kalaydjieva, L., Jablensky, et al
2009; 150B (2): 191-201
- **The seasonal relationship between assault and homicide in England and Wales** *INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED*
Rock, D. J., Judd, K., Hallmayer, J. F.
2008; 39 (9): 1047-1053
- **Association of alleles carried at TNFA-850 and BAT1-22 with Alzheimer's disease** *JOURNAL OF NEUROINFLAMMATION*
Gnjec, A., D'Costa, K. J., Laws, S. M., Hedley, R., Balakrishnan, K., Taddei, K., Martins, G., Paton, A., Verdile, G., Gandy, S. E., Broe, G. A., Brooks, W. S., Bennett, et al
2008; 5
- **Tamoxifen and mania: a double-blind, placebo-controlled trial.** *Current psychiatry reports*
Hah, M., Hallmayer, J. F.
2008; 10 (3): 200-201
- **Protein kinase C inhibition: a target for treatment of mania.** *Current psychiatry reports*
Hah, M., Hallmayer, J. F.
2008; 10 (3): 199-201
- **HPA axis reactivity: A mechanism underlying the associations among 5-HTTLPR, stress, and depression** *BIOLOGICAL PSYCHIATRY*
Gotlib, I. H., Joormann, J., Minor, K. L., Hallmayer, J.
2008; 63 (9): 847-851
- **The Seasonal Risk for Deliberate Self-Harm Determined by Place of Birth, but Occurrence Determined by Place of Residence** *CRISIS-THE JOURNAL OF CRISIS INTERVENTION AND SUICIDE PREVENTION*
Rock, D. J., Hallmayer, J. F.
2008; 29 (4): 191-201
- **Abnormal cortical activation during response inhibition in 22q11.2 deletion syndrome** *HUMAN BRAIN MAPPING*
Gothelf, D., Hoefft, F., Hinard, C., Hallmayer, J. F., Stoecker, J. V., Antonarakis, S. E., Morris, M. A., Reiss, A. L.
2007; 28 (6): 533-542
- **The relationship between symptoms and abilities in autism** *JOURNAL OF DEVELOPMENTAL AND PHYSICAL DISABILITIES*
Dyck, M. J., Piek, J. P., Hay, D. A., Hallmayer, J. F.
2007; 19 (3): 251-261
- **Atypical antipsychotic medication in preschool children.** *Current psychiatry reports*
Hallmayer, J. F.
2007; 9 (3): 181-183
- **Serotonin transporter polymorphism, memory and hippocampal volume in the elderly: association and interaction with cortisol** *MOLECULAR PSYCHIATRY*
O'Hara, R., Schroder, C. M., Mahadevan, R., Schatzberg, A. F., Lindley, S., Fox, S., Weiner, M., Kraemer, H. C., Noda, A., Lin, X., Gray, H. L., Hallmayer, J. F.
2007; 12 (6): 544-555
- **Serotonin transporter polymorphism and stress: a view across the lifespan.** *Current psychiatry reports*
O'Hara, R., Hallmayer, J. F.
2007; 9 (3): 173-175
- **Brief report: Effect of maternal age on severity of autism** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Baxter, A. C., Lotspeich, L. J., Spiker, D., Martin, J. L., Grether, J. K., Hallmayer, J. F.

2007; 37 (5): 976-982

- **Can autism, language and coordination disorders be differentiated based on ability profiles?** *EUROPEAN CHILD & ADOLESCENT PSYCHIATRY*
Wisdom, S. N., Dyck, M. J., Piek, J. P., Hay, D., Hallmayer, J.
2007; 16 (3): 178-186
- **Mapping autism risk loci using genetic linkage and chromosomal rearrangements** *NATURE GENETICS*
Szatmari, P., Paterson, A. D., Zwaigenbaum, L., Roberts, W., Brian, J., Liu, X., Vincent, J. B., Skaug, J. L., Thompson, A. P., Senman, L., Feuk, L., Qian, C., Bryson, et al
2007; 39 (3): 319-328
- **Science and society - Interacting and paradoxical forces in neuroscience and society** *NATURE REVIEWS NEUROSCIENCE*
Singh, J., Hallmayer, J., Illes, J.
2007; 8 (2): 153-160
- **COMT genotype, gender and cognition in community-dwelling, older adults** *NEUROSCIENCE LETTERS*
O'Hara, R., Miller, E., Liao, C., Way, N., Lin, X., Hallmayer, J.
2006; 409 (3): 205-209
- **08-05 'Kraepelinian' and 'Bleulerian' schizophrenia: a genetic dissection of a cognitive endophenotype.** *Acta neuropsychiatrica*
Jablensky, A., Hallmayer, J., Dragovic, M., Badcock, J., Kalaydjieva, L.
2006; 18 (6): 332-333
- **A pilot study of antidepressant-induced mania in pediatric bipolar disorder: Characteristics, risk factors, and the serotonin transporter gene** *Conference on Pediatric Bipolar Disorder*
Baumer, F. M., Howe, M., Gallelli, K., Simeonova, D. L., Hallmayer, J., Chang, K. D.
ELSEVIER SCIENCE INC.2006: 1005-12
- **Profiles of executive function in parents and siblings of individuals with autism spectrum disorders** *GENES BRAIN AND BEHAVIOR*
Wong, D., Maybery, M., Bishop, D. V., Maley, A., Hallmayer, J.
2006; 5 (8): 561-576
- **Evidence for association of DNA sequence variants in the phosphatidylinositol-4-phosphate 5-kinase II alpha gene (PIP5K2A) with schizophrenia** *MOLECULAR PSYCHIATRY*
Schwab, S. G., Knapp, M., Sklar, P., Eckstein, G. N., Sewekow, C., Borrmann-Hassenbach, M., Albus, M., Becker, T., Hallmayer, J. F., Lerer, B., Maier, W., Wildenauer, D. B.
2006; 11 (9): 837-846
- **The glycine site of NMDA receptors--a target for treatment of schizophrenia.** *Current psychiatry reports*
Hallmayer, J. F.
2006; 8 (3): 171-173
- **Characteristics of the broader phenotype in autism: A study of siblings using the Children's Communication Checklist-2** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Bishop, D. V., Maybery, M., Wong, D., Maley, A., Hallmayer, J.
2006; 141B (2): 117-122
- **Season-of-birth as a risk factor for the seasonality of suicidal behaviour** *EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE*
Rock, D., Greenberg, D., Hallmayer, J.
2006; 256 (2): 98-105
- **Apolipoprotein E and obstructive sleep apnea: Evaluating whether a candidate gene explains a linkage peak** *GENETIC EPIDEMIOLOGY*
Larkin, E. K., Patel, S. R., Redline, S., Mignot, E., Elston, R. C., Hallmayer, J.
2006; 30 (2): 101-110
- **Are abilities abnormally interdependent in children with autism?** *JOURNAL OF CLINICAL CHILD AND ADOLESCENT PSYCHOLOGY*
Dyck, M. J., Piek, J. P., Hay, D., Smith, L., Hallmayer, J.
2006; 35 (1): 20-33
- **Impact of case fatality on the seasonality of suicidal behaviour** *PSYCHIATRY RESEARCH*
Rock, D. J., GREENBERG, D. M., Hallmayer, J. F.

2005; 137 (1-2): 21-27

- **Genetic evidence for a distinct subtype of schizophrenia characterized by pervasive cognitive deficit** *AMERICAN JOURNAL OF HUMAN GENETICS*
Hallmayer, J. F., Kalaydjieva, L., Badcock, J., Dragovic, M., Howell, S., Michie, P. T., Rock, D., Vile, D., WILLIAMS, R., Corder, E. H., Hollingsworth, K., Jablensky, A.
2005; 77 (3): 468-476
- **The relationship between motor coordination, executive functioning and attention in school aged children** *ARCHIVES OF CLINICAL NEUROPSYCHOLOGY*
Piek, J. P., Dyck, M. J., Nieman, A., Anderson, M., Hay, D., Smith, L. M., McCoy, M., Hallmayer, J.
2004; 19 (8): 1063-1076
- **Using self-report to identify the broad phenotype in parents of children with autistic spectrum disorders: a study using the Autism-Spectrum Quotient** *JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY*
Bishop, D. V., Maybery, M., Maley, A., Wong, D., Hill, W., Hallmayer, J.
2004; 45 (8): 1431-1436
- **Analysis of genetic variation and expression of the dystrobrevin binding protein gene (DTNBP1) in schizophrenia** *12th World Congress of Psychiatric Genetics*
Schwab, S. G., Mondabon, S., Knapp, M., Albus, M., Borrmann-Hassenbach, M., Lerer, B., Hallmayer, J., Maier, W., Schmitt, A., Timmermann, B., Hoehe, M. R., Reinhardt, R., Wildenauer, et al
WILEY-BLACKWELL.2004: 81-81
- **Is the discrepancy criterion for defining developmental disorders valid?** *JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY*
Dyck, M. J., Hay, D., Anderson, M., Smith, L. M., Piek, J., Hallmayer, J.
2004; 45 (5): 979-995
- **Are phonological processing deficits part of the broad autism phenotype?** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Bishop, D. V., Maybery, M., Wong, D., Maley, A., Hill, W., Hallmayer, J.
2004; 128B (1): 54-60
- **Psychiatric genetics: what to expect.** *Current psychiatry reports*
Hallmayer, J. F.
2004; 6 (3): 149-150
- **Perinatal factors and the development of autism - A population study** *ARCHIVES OF GENERAL PSYCHIATRY*
Glasson, E. J., Bower, C., Petterson, B., de Klerk, N., Chaney, G., Hallmayer, J. F.
2004; 61 (6): 618-627
- **Association of TIM-1 with atopy: Gene interaction with hepatitis A infection and the hygiene hypothesis** *Experimental Biology 2004 Annual Meeting*
McIntire, J. J., Umetsu, S. E., Macaubas, C., Hoyte, E., Cinnioglu, C., Cavalli-Sforza, L. L., Barsh, G. S., Hallmayer, J. F., Underhill, P. A., Risch, N. J., Freeman, G. J., DeKruyff, R. H., Umetsu, et al
FEDERATION AMER SOC EXP BIOL.2004: A817-A817
- **22q11 deletion syndrome in childhood onset schizophrenia: an update** *MOLECULAR PSYCHIATRY*
Sporn, A., Addington, A., Reiss, A. L., Dean, M., Gogtay, N., Potocnik, U., Greenstein, D., Hallmayer, J., Gochman, P., Lenane, M., Baker, N., Tossell, J., Rapoport, et al
2004; 9 (3): 225-226
- **An investigation into sub-telomeric deletions of chromosome 22 and pervasive developmental disorders** *AMERICAN JOURNAL OF MEDICAL GENETICS PART B-NEUROPSYCHIATRIC GENETICS*
Nair-Miranda, K., Murch, A., Petterson, B., Hill, W., Nikolova-Hill, A., Bradley, L., Jackson, S., Hallmayer, J.
2004; 125B (1): 99-104
- **Getting our AKT together in schizophrenia?** *NATURE GENETICS*
Hallmayer, J.
2004; 36 (2): 115-116
- **Age at onset: important marker of genetic heterogeneity in Alzheimer's disease** *PHARMACOGENOMICS JOURNAL*
Martins, R. N., Hallmayer, J.

2004; 4 (3): 138-140

- **Association of tumor necrosis factor alpha gene-G308A polymorphism with schizophrenia** *SCHIZOPHRENIA RESEARCH*
Schwab, S. G., Mondabon, S., Knapp, M., Albus, M., Hallmayer, J., Borrmann-Hassenbach, M., Trixler, M., Gross, M., Schulze, T. G., Rietschel, M., Lerer, B., Maier, W., Wildenauer, et al
2003; 65 (1): 19-25
- **Immunology: hepatitis A virus link to atopic disease.** *Nature*
McIntire, J. J., Umetsu, S. E., Macaubas, C., Hoyte, E. G., Cinnioglu, C., Cavalli-Sforza, L. L., Barsh, G. S., Hallmayer, J. F., Underhill, P. A., Risch, N. J., Freeman, G. J., DeKruyff, R. H., Umetsu, et al
2003; 425 (6958): 576-?
- **Increasing seasonality of suicide in Australia 1970-1999** *PSYCHIATRY RESEARCH*
Rock, D., GREENBERG, D. M., Hallmayer, J. F.
2003; 120 (1): 43-51
- **Cyclical changes of homicide rates - A reanalysis of Brearley's 1932 data** *JOURNAL OF INTERPERSONAL VIOLENCE*
Rock, D., GREENBERG, D. M., Hallmayer, J.
2003; 18 (8): 942-955
- **Olanzapine and women with borderline personality disorder.** *Current psychiatry reports*
Hallmayer, J. F.
2003; 5 (3): 175-?
- **Linkage analysis of candidate regions using a composite neurocognitive phenotype correlated with schizophrenia** *MOLECULAR PSYCHIATRY*
Hallmayer, J. F., Jablensky, A., Michie, P., Woodbury, M., Salmon, B., Combrinck, J., Wichmann, H., Rock, D., D'Ercole, M., Howell, S., Dragovic, M., Kent, A.
2003; 8 (5): 511-523
- **Support for association of schizophrenia with genetic variation in the 6p22.3 gene, dysbindin, in sib-pair families with linkage and in an additional sample of triad families** *AMERICAN JOURNAL OF HUMAN GENETICS*
Schwab, S. G., Knapp, M., Mondabon, S., Hallmayer, J., Borrmann-Hassenbach, M., Albus, M., Lerer, B., Rietschel, M., Trixler, M., Maier, W., Wildenauer, D. B.
2003; 72 (1): 185-190
- **On the twin risk in autism** *AMERICAN JOURNAL OF HUMAN GENETICS*
Hallmayer, J., Glasson, E. J., Bower, C., Petterson, B., Croen, L., Grether, J., Risch, N.
2002; 71 (4): 941-946
- **A population genetic study of autism in Andalusia, Spain.** *52nd Annual Meeting of the American-Society-of-Human-Genetics*
McInnes, L. A., Hallmayer, J., Manghi, E., Pritchard, J., Wills, K., Hervas, A., Sanz, S., Benitez, J. L., Guijarro, T., Gay, E., Sanchez, V., Llanes, D., Ruiz-Rubio, et al
CELL PRESS.2002: 363-63
- **Association of interleukin-1 polymorphisms with Alzheimer's disease in Australia** *ANNALS OF NEUROLOGY*
Hedley, R., Hallmayer, J., Groth, D. M., Brooks, W. S., Gandy, S. E., Martins, R. N.
2002; 51 (6): 795-797
- **Investigation of linkage and association/linkage disequilibrium of HLA A-, DQA1-, DQB1-, and DRB1-alleles in 69 sib-pair- and 89 trio-families with schizophrenia** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Schwab, S. G., Hallmayer, J., Freimann, J., Lerer, B., Albus, M., Borrmann-Hassenbach, M., Segman, R. H., Trixler, M., Rietschel, M., Maier, W., Wildenauer, D. B.
2002; 114 (3): 315-320
- **Genetic identity of Marinesco-Sjogren/myoglobinuria and CCFDN syndromes** *NEUROLOGY*
Merlini, L., Gooding, R., Lochmuller, H., Muller-Felber, W., Walter, M. C., Angelicheva, D., Talim, B., Hallmayer, J., Kalaydjieva, L.
2002; 58 (2): 231-236
- **APOE-epsilon 4 and APOE-491A polymorphisms in individuals with subjective memory loss** *MOLECULAR PSYCHIATRY*
Laws, S. M., Clarnette, R. M., Taddei, K., Martins, G., Paton, A., Hallmayer, J., Almeida, O. P., Groth, D. M., Gandy, S. E., FORSTL, H., Martins, R. N.
2002; 7 (7): 768-775
- **Association between presenilin-1 Glu318Gly mutation and familial Alzheimer's disease in the Australian population** *MOLECULAR PSYCHIATRY*

- Taddei, K., Fisher, C., Laws, S. M., Martins, G., Paton, A., Clarnette, R. M., Chung, C., Brooks, W. S., Hallmayer, J., Miklossy, J., Relkin, N., St George-Hyslop, P. H., Gandy, et al
2002; 7 (7): 776-781
- **Genetics of complex psychiatric disorders: Scientific foundations** *ISRAEL JOURNAL OF PSYCHIATRY AND RELATED SCIENCES*
Wildenauer, D. B., Hallmayer, J., Schwab, S. G.
2002; 39 (4): 232-239
 - **Angiotensin-converting enzyme activity and the ACE Alu polymorphism in autosomal dominant polycystic kidney disease** *NEPHROLOGY DIALYSIS TRANSPLANTATION*
Schiavello, T., Burke, V., Bogdanova, N., Jasik, P., Melsom, S., Boudville, N., Robertson, K., Angelicheva, D., Dworniczak, B., Lemmens, M., Horst, J., Todorov, V., Dimitrakov, et al
2001; 16 (12): 2323-2327
 - **Increasing life expectancy in Down syndrome: implications for counselling**
Bittles, A., Glasson, E. J., Petterson, B. A., Sullivan, S. G., Hussain, R., Hallmayer, J. F., Montgomery, P. D.
BMJ PUBLISHING GROUP.2001: S33-S33
 - **Association analysis of NOTCH4 loci in schizophrenia using family and population-based controls** *NATURE GENETICS*
Sklar, P., Schwab, S. G., Williams, N. M., Daly, M., Schaffner, S., Maier, W., Albus, M., Tixler, M., Eichhammer, P., Lerer, B., Hallmayer, J., Norton, N., Williams, et al
2001; 28 (2): 126-128
 - **The epidemiology of the genetic liability for schizophrenia** *AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY*
Hallmayer, J.
2000; 34: S47-S55
 - **A genome-wide autosomal screen for schizophrenia susceptibility loci in 71 families with affected siblings: support for loci on chromosome 10p and 6** *MOLECULAR PSYCHIATRY*
Schwab, S. G., Hallmayer, J., Albus, M., Lerer, B., Eckstein, G. N., Borrmann, M., Segman, R. H., Hanses, C., Freymann, J., Yakir, A., Tixler, M., Falkai, P., Rietschel, et al
2000; 5 (6): 638-649
 - **Catatonia in a psychiatric intensive care facility: incidence and response to benzodiazepines.** *Annals of clinical psychiatry*
Lee, J. W., Schwartz, D. L., Hallmayer, J.
2000; 12 (2): 89-96
 - **The effect of insulin and glucose on the plasma concentration of Alzheimer's amyloid precursor protein** *NEUROSCIENCE*
Boyt, A. A., Taddei, K., Hallmayer, J., Helmerhorst, E., Gandy, S. E., Craft, S., Martins, R. N.
2000; 95 (3): 727-734
 - **No evidence for segregation distortion in females in a sample of 72 families with schizophrenia with potential linkage to chromosome 10p14-p11** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Schwab, S. G., Wildenauer, D. B., Hallmayer, J.
1999; 88 (6): 750-751
 - **A founder mutation in the GK1 gene is responsible for galactokinase deficiency in Roma (Gypsies)** *AMERICAN JOURNAL OF HUMAN GENETICS*
Kalaydjieva, L., Perez-Lezaun, A., Angelicheva, D., Onengut, S., Dye, D., Bosshard, N. U., Jordanova, A., Savov, A., Yanakiev, P., Kremensky, I., Radeva, B., Hallmayer, J., Markov, et al
1999; 65 (5): 1299-1307
 - **Relationship between lipid metabolism and plasma concentration of amyloid precursor protein and apolipoprotein E** *ALZHEIMERS REPORTS*
Boyt, A. A., Taddei, K., Hallmayer, J., Mamo, J., Helmerhorst, E., Gandy, S. E., Martins, R. N.
1999; 2 (6): 339-346
 - **Absence of linkage and linkage disequilibrium to chromosome 15q11-q13 markers in 139 multiplex families with autism** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Salmon, B., Hallmayer, J., Rogers, T., Kalaydjieva, L., Petersen, P. B., Nicholas, P., Pingree, C., McMahon, W., Spiker, D., Lotspeich, L., Kraemer, H., McCague, P., DiMiceli, et al
1999; 88 (5): 551-556

- **A genomic screen of autism: Evidence for a multilocus etiology** *AMERICAN JOURNAL OF HUMAN GENETICS*
Risch, N., Spiker, D., Lotspeich, L., Nouri, N., Hinds, D., Hallmayer, J., Kalaydjieva, L., McCague, P., DiMiceli, S., Pitts, T., Nguyen, L., Yang, J., Harper, et al
1999; 65 (2): 493-507
- **A randomised, double-blind, placebo-controlled trial of dexamphetamine in adults with attention deficit hyperactivity disorder** *AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY*
Paterson, R., Douglas, C., Hallmayer, J., Hagan, M., Krupenia, Z.
1999; 33 (4): 494-502
- **Novel mutation in the myelin protein zero gene in a family with intermediate hereditary motor and sensory neuropathy** *JOURNAL OF NEUROLOGY NEUROSURGERY AND PSYCHIATRY*
Mastaglia, F. L., Nowak, K. J., Stell, R., Phillips, B. A., Edmondston, J. E., Dorosz, S. M., Wilton, S. D., Hallmayer, J., Kakulas, B. A., Laing, N. G.
1999; 67 (2): 174-179
- **Evidence that the butyrylcholinesterase K variant can protect against late-onset Alzheimer's disease** *ALZHEIMERS REPORTS*
Laws, S. M., Taddei, K., Fisher, C., Small, D., Clarnette, R., Hallmayer, J., Brooks, W. S., Kwok, J. B., Schofield, P. R., Gandy, S. E., Martins, R. N.
1999; 2 (4): 219-223
- **Chromosomes 1, 2, and 7 Workshop** *Vth World Congress of Psychiatric Genetics*
Hallmayer, J.
WILEY-LISS.1999: 219-23
- **Chromosome 22 Workshop Report** *Vth World Congress of Psychiatric Genetics*
Schwab, S. G., Wildenauer, D. B., Collier, D. A., Ekelund, A., Gejman, P., Hallmayer, J., Kelsoe, J. R., von Gontard, A., Wildenauer, D. B.
WILEY-LISS.1999: 276-78
- **Exclusion of linkage to the HLA region in ninety multiplex sibships with autism** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Rogers, T., Kalaydjieva, L., Hallmayer, J., Petersen, P. B., Nicholas, P., Pingree, C., McMahon, W. M., Spiker, D., Lotspeich, L., Kraemer, H., McCague, P., DiMiceli, S., Nouri, et al
1999; 29 (3): 195-201
- **Association between hSKCa3 and schizophrenia not confirmed by transmission disequilibrium test in 193 offspring parents trios** *MOLECULAR PSYCHIATRY*
Wittekindt, O., Schwab, S. G., Burgert, E., Knapp, M., Albus, M., Lerer, B., Hallmayer, J., Rietschel, M., Segman, R., Borrmann, M., Lichtermann, D., Crocq, M. A., Maier, et al
1999; 4 (3): 267-270
- **The -491AA polymorphism in the APOE gene is associated with increased plasma apoE levels in Alzheimer's disease** *NEUROREPORT*
Laws, S. M., Taddei, K., Martins, G., Paton, A., Fisher, C., Clarnette, R., Hallmayer, J., Brooks, W. S., Gandy, S. E., Martins, R. N.
1999; 10 (4): 879-882
- **Autosomal dominant distal myopathy not linked to the known distal myopathy loci** *NEUROMUSCULAR DISORDERS*
Felice, K. J., Meredith, C., Binz, N., Butler, A., Jacob, R., Akkari, P., Hallmayer, J., Laing, N.
1999; 9 (2): 59-65
- **DAT1 gene polymorphism in alcoholism: A family-based association study** *BIOLOGICAL PSYCHIATRY*
Franke, P., Schwab, S. G., Knapp, M., Gansicke, M., Delmo, C., Zill, P., Trixler, M., Lichtermann, D., Hallmayer, J., Wildenauer, D. B., Maier, W.
1999; 45 (5): 652-654
- **Apolipoprotein E promotes the binding and uptake of beta-amyloid into Chinese hamster ovary cells in an isoform-specific manner** *NEUROSCIENCE*
Yang, D. S., SMALL, D. H., Seydel, U., Smith, J. D., Hallmayer, J., Gandy, S. E., Martins, R. N.
1999; 90 (4): 1217-1226
- **Support for a chromosome 18p locus conferring susceptibility to functional psychoses in families with schizophrenia, by association and linkage analysis** *AMERICAN JOURNAL OF HUMAN GENETICS*
Schwab, S. G., Hallmayer, J., Lerer, B., Albus, M., Borrmann, M., Honig, S., Strauss, M., Segman, R., Lichtermann, D., Knapp, M., Trixler, M., Maier, W., Wildenauer, et al
1998; 63 (4): 1139-1152
- **A transmission disequilibrium and linkage analysis of D22S278 marker alleles in 574 families: further support for a susceptibility locus for schizophrenia at 22q12** *SCHIZOPHRENIA RESEARCH*

- Vallada, H., Curtis, D., Sham, P., Kunugi, H., Zhao, J. H., Murray, R., McGuffin, P., Nanko, S., Owen, M., Gill, M., Collier, D. A., Antonarakis, S., Housman, et al
1998; 32 (2): 115-121
- **Further evidence for a susceptibility locus on chromosome 10p14-p11 in 72 families with schizophrenia by nonparametric linkage analysis** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Schwab, S. G., Hallmayer, J., Albus, M., Lerer, B., Hanses, C., Kanyas, K., Segman, R., Borrmann, M., Dreikorn, B., Lichtermann, D., Rietschel, M., Trixler, M., Maier, et al
1998; 81 (4): 302-307
 - **Familial psoriasis and HLA-B: Unambiguous support for linkage in 97 published families** *HUMAN HEREDITY*
Leder, R. O., MANSBRIDGE, J. N., Hallmayer, J., Hodge, S. E.
1998; 48 (4): 198-211
 - **No association of Presenilin-1 intronic polymorphism and Alzheimer's disease in Australia** *NEUROSCIENCE LETTERS*
Taddei, K., Yang, D., Fisher, C., Clarnette, R., Hallmayer, J., Barnetson, R., Maller, R., Brooks, W. S., Whyte, S., Nicholson, G. A., Masters, C. L., Broe, G. A., Gandy, et al
1998; 246 (3): 178-180
 - **A linkage study of affective disorders in two Bulgarian Gypsy families: results for candidate regions on chromosomes 18 and 21** *PSYCHIATRIC GENETICS*
Kaneva, R., Milanova, V., Onchev, G., Stoyanova, V., Chakarova, C. H., Nikolova, A., Hallmayer, J., Belemezova, M., Milenska, T., Kirov, G., Kremensky, I., Kalaydjieva, L., Jablensky, et al
1998; 8 (4): 245-249
 - **The complex mutation pattern of a microsatellite** *GENOME RESEARCH*
Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., Mignot, E.
1997; 7 (6): 635-641
 - **Evidence suggestive of a locus on chromosome 5q31 contributing to susceptibility for schizophrenia in German and Israeli families by multipoint affected sib-pair linkage analysis** *MOLECULAR PSYCHIATRY*
Schwab, S. G., Eckstein, G. N., Hallmayer, J., Lerer, B., Albus, M., Borrmann, M., Lichtermann, D., Ertl, M. A., Maier, W., Wildenauer, D. B.
1997; 2 (2): 156-160
 - **The natural history of a microsatellite located in the HLA DQ region** *12th International Histocompatibility Conference - HLA*
Mignot, E., Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., GRUMET, F. C.
EDITIONS EDK.1997: 121-124
 - **Mutation rate varies among alleles at a microsatellite locus: Phylogenetic evidence** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Jin, L., Macaubas, C., Hallmayer, J., Kimura, A., Mignot, E.
1996; 93 (26): 15285-15288
 - **Additional support for schizophrenia linkage on chromosomes 6 and 8: A multicenter study** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Levinson, D. F., Wildenauer, D. B., Schwab, S. G., Albus, M., Hallmayer, J., Lerer, B., Maier, W., Blackwood, D., Muir, W., StClair, D., Morris, S., Moises, H. W., Yang, et al
1996; 67 (6): 580-594
 - **Autism and the X chromosome - Multipoint sib-pair analysis** *ARCHIVES OF GENERAL PSYCHIATRY*
Hallmayer, J., Hebert, J. M., Spiker, D., Lotspeich, L., McMahon, W. M., Petersen, P. B., Nicholas, P., Pingree, C., Lin, A. A., CAVALLISFORZA, L. L., Risch, N., CIARANELLO, R. D.
1996; 53 (11): 985-989
 - **Gene mapping in Gypsies identifies a novel demyelinating neuropathy on chromosome 8q24** *NATURE GENETICS*
Kalaydjieva, L., Hallmayer, J., CHANDLER, D., Savov, A., Nikolova, A., Angelicheva, D., King, R. H., Ishpekova, B., Honeyman, K., Calafell, F., Shmarov, A., Petrova, J., Turnev, et al
1996; 14 (2): 214-217
 - **Genetic relationship between dopamine transporter gene and schizophrenia: Linkage and association** *SCHIZOPHRENIA RESEARCH*
Maier, W., Minges, J., Eckstein, N., Brodski, C., Albus, M., Lerer, B., Hallmayer, J., Fimmers, R., Ackenheil, M., Ebstein, R. E., Borrmann, M., Lichtermann, D., Wildenauer, et al
1996; 20 (1-2): 175-180

- **The natural history of a microsatellite located in the HLA DQ region**
Mignot, E., Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., GRUMET, F. C.
ELSEVIER SCIENCE INC.1996: O09–O09
- **Male-to-male transmission in extended pedigrees with multiple cases of autism** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Hallmayer, J., Spiker, D., Lotspeich, L., McMahon, W. M., Petersen, P. B., Nicholas, P., Pingree, C., CIARANELLO, R. D.
1996; 67 (1): 13-18
- **A combined analysis of D22S278 marker alleles in affected sib-pairs: Support for a susceptibility locus for schizophrenia at chromosome 22q12** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Gill, M., Vallada, H., Collier, D., Sham, P., Holmans, P., Murray, R., McGuffin, P., Nanko, S., Owen, M., Antonarakis, S., Housman, D., Kazazian, H., Nestadt, et al
1996; 67 (1): 40-45
- **Searching for susceptibility genes in schizophrenia by genetic linkage analysis** *61st Cold Spring Harbor Symposium on Function and Dysfunction in the Nervous System*
Wildenauer, D. B., Hallmayer, J., Schwab, S. G., Albus, M., Eckstein, G. N., Zill, P., Honig, S., Strauss, M., Borrmann, M., Lichtermann, D., Ebstein, R. P., Lerer, B., Risch, et al
COLD SPRING HARBOR LAB PRESS, PUBLICATIONS DEPT.1996: 845–850
- **Linkage analysis between pericentromeric markers on chromosome 18 and bipolar disorder: A replication test** *PSYCHIATRY RESEARCH*
Maier, W., Hallmayer, J., Zill, P., Bondy, B., Lichtermann, D., Ackenheil, M., Minges, J., Wildenauer, D.
1995; 59 (1-2): 7-15
- **EVALUATION OF A SUSCEPTIBILITY GENE FOR SCHIZOPHRENIA ON CHROMOSOME 6P BY MULTIPPOINT AFFECTED SIB-PAIR LINKAGE ANALYSIS** *NATURE GENETICS*
Schwab, S. G., Albus, M., Hallmayer, J., Honig, S., Borrmann, M., Lichtermann, D., Ebstein, R. P., Ackenheil, M., Lerer, B., Risch, N., Maier, W., Wildenauer, D. B.
1995; 11 (3): 325-327
- **POTENTIAL LINKAGE FOR SCHIZOPHRENIA ON CHROMOSOME 22Q12-Q13 - A REPLICATION STUDY** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Schwab, S. G., Lerer, B., Albus, M., Maier, W., Hallmayer, J., Fimmers, R., Lichtermann, D., Minges, J., Bondy, B., Ackenheil, M., ALTMARK, D., HASIB, D., Gur, et al
1995; 60 (5): 436-443
- **TRACKING THE EVOLUTION OF A MICROSATELLITE LOCUS LOCATED IN THE HLA-DQA1/DQB1 CLASS-II REGION**
Macaubas, C., Jin, L., Hallmayer, J., Kimura, A., Mignot, E.
CELL PRESS.1995: 953–53
- **GENETIC-HETEROGENEITY OF POLYCYSTIC KIDNEY-DISEASE IN BULGARIA** *HUMAN GENETICS*
Bogdanova, N., Dworniczak, B., DRAGOVA, D., Todorov, V., Dimitrakov, D., Kalinov, K., Hallmayer, J., Horst, J., Kalaydjieva, L.
1995; 95 (6): 645-650
- **LACK OF LINKAGE BETWEEN SCHIZOPHRENIA AND MARKERS AT THE TELOMERIC END OF THE PSEUDOAUTOSOMAL REGION OF THE SEX-CHROMOSOMES** *BIOLOGICAL PSYCHIATRY*
Maier, W., Schmidt, F., Schwab, S. G., Hallmayer, J., Minges, J., Ackenheil, M., Lichtermann, D., Wildenauer, D. B.
1995; 37 (5): 344-347
- **EXTENSIVE POLYMORPHISM OF A (CA)(N) MICROSATELLITE LOCATED IN THE HLA-DQA1/DQB1 CLASS-II REGION** *HUMAN IMMUNOLOGY*
Macaubas, C., Hallmayer, J., Kalil, J., Kimura, A., Yasunaga, S., GRUMET, F. C., Mignot, E.
1995; 42 (3): 209-220
- **DQB1-ASTERISK-0602 AND DQA1-ASTERISK-0102 (DQ1) ARE BETTER MARKERS THAN DR2 FOR NARCOLEPSY IN CAUCASIAN AND BLACK-AMERICANS** *4th International Conference on Narcolepsy*
Mignot, E., Lin, X., Arrigoni, J., Macaubas, C., Olive, F., Hallmayer, J., Underhill, P., Guilleminault, C., Dement, W. C., GRUMET, F. C.
AMER SLEEP DISORDERS ASSOC.1994: S60–S67
- **Molecular analysis and test of linkage between the FMR-1 gene and infantile autism in multiplex families.** *American journal of human genetics*
Hallmayer, J., Pintado, E., Lotspeich, L., Spiker, D., McMahon, W., Petersen, P. B., Nicholas, P., Pingree, C., Kraemer, H. C., Wong, D. L.

1994; 55 (5): 951-959

- **MOLECULAR ANALYSIS AND TEST OF LINKAGE BETWEEN THE FMR-I GENE AND INFANTILE-AUTISM IN MULTIPLEX FAMILIES** *AMERICAN JOURNAL OF HUMAN GENETICS*
Hallmayer, J., Pintado, E., Lotspeich, L., Spiker, D., McMahon, W., Petersen, P. B., Nicholas, P., Pingree, C., Kraemer, H. C., Wong, D. L., Ritvo, E., Lin, A., Hebert, et al
1994; 55 (5): 951-959
- **NO EVIDENCE OF LINKAGE BETWEEN THE DOPAMINE D-2 RECEPTOR GENE AND SCHIZOPHRENIA** *PSYCHIATRY RESEARCH*
Hallmayer, J., Maier, W., Schwab, S., Ertl, M. A., Minges, J., Ackenheil, M., Lichtermann, D., Wildenauer, D. B.
1994; 53 (2): 203-215
- **ABSENCE OF LINKAGE BETWEEN SCHIZOPHRENIA AND THE DOPAMINE D-4 RECEPTOR GENE** *PSYCHIATRY RESEARCH*
Maier, W., Schwab, S., Hallmayer, J., Ertl, M. A., Minges, J., Ackenheil, M., Lichtermann, D., Wildenauer, D.
1994; 53 (1): 77-86
- **GENETICS OF AUTISM - CHARACTERISTICS OF AFFECTED AND UNAFFECTED CHILDREN FROM 37 MULTIPLEX FAMILIES** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Spiker, D., Lotspeich, L., Kraemer, H. C., Hallmayer, J., McMahon, W., Petersen, P. B., Nicholas, P., Pingree, C., WIESESLATER, S., Chiotti, C., Wong, D. L., DIMICELLI, S., Ritvo, et al
1994; 54 (1): 27-35
- **PROGRESS IN A GENOME SCAN FOR LINKAGE IN SCHIZOPHRENIA IN A LARGE SWEDISH KINDRED** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Barr, C. L., Kennedy, J. L., Pakstis, A. J., Wetterberg, L., Sjogren, B., Bierut, L., WADELIUS, C., Wahlstrom, J., Martinsson, T., GIUFFRA, L., Gelernter, J., Hallmayer, J., Moises, et al
1994; 54 (1): 51-58
- **FAILURE TO FIND CYTOGENETIC ABNORMALITIES IN AUTISTIC-CHILDREN WHOSE PARENTS GREW UP NEAR PLASTICS MANUFACTURING SITES** *JOURNAL OF AUTISM AND DEVELOPMENTAL DISORDERS*
Spiker, D., Lotspeich, L., Hallmayer, J., Kraemer, H. C., CIARANELLO, R. D.
1993; 23 (4): 681-682
- **CONTINUITY AND DISCONTINUITY OF AFFECTIVE-DISORDERS AND SCHIZOPHRENIA - RESULTS OF A CONTROLLED FAMILY STUDY** *ARCHIVES OF GENERAL PSYCHIATRY*
Maier, W., Lichtermann, D., Minges, J., Hallmayer, J., Heun, R., Benkert, O., Levinson, D. F.
1993; 50 (11): 871-883
- **THE IMPACT OF GENDER AND AGE AT ONSET ON THE FAMILIAL AGGREGATION OF SCHIZOPHRENIA** *EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE*
Maier, W., Lichtermann, D., Minges, J., Heun, R., Hallmayer, J.
1993; 242 (5): 279-285
- **A LINKAGE STUDY OF AUTISM**
Hallmayer, J., Underhill, P., Spiker, D., Lotspeich, L., Kraemer, H. C., McMahon, W. M., Petersen, B., Nicholas, P., Pingree, C., Wong, D., CIARANELLO, R. D., CAVALLISFORZA, L. L.
ELSEVIER SCIENCE INC.1993: A104-A104
- **PATTERNS OF DIAGNOSTIC SYMPTOMS IN AUTISM MULTIPLEX FAMILIES**
Spiker, D., Lotspeich, L., Kraemer, H. C., McMahon, W. M., Petersen, B., Nicholas, P., Pingree, C., Hallmayer, J., Wong, D., CAVALLISFORZA, L., CIARANELLO, R. D.
ELSEVIER SCIENCE INC.1993: A54-A54
- **CONCORDANCE FOR GENDER IN SIB PAIRS AFFECTED WITH SCHIZOPHRENIA AND RELATED DISORDERS** *SCHIZOPHRENIA RESEARCH*
Maier, W., Lichtermann, D., Minges, J., Franke, P., Heun, R., Hallmayer, J.
1993; 9 (1): 71-76
- **THE CHANGING RATE OF MAJOR DEPRESSION - CROSS-NATIONAL COMPARISONS** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
Weissman, M. M., Wickramaratne, P., Greenwald, S., Hsu, H. Y., Ouellette, R., Robins, L. N., Escobar, J. I., Bland, R., Newman, S., Orn, H., CANINO, G., RUBIOSTIPEC, M., Wittchen, et al
1992; 268 (21): 3098-3105

- **SCHIZOAFFECTIVE DISORDER AND AFFECTIVE-DISORDERS WITH MOOD-INCONGRUENT PSYCHOTIC FEATURES - KEEP SEPARATE OR COMBINE - EVIDENCE FROM A FAMILY STUDY** *AMERICAN JOURNAL OF PSYCHIATRY*
Maier, W., Lichtermann, D., Minges, J., Heun, R., Hallmayer, J., Benkert, O.
1992; 149 (12): 1666-1673
- **THE RISK OF MINOR DEPRESSION IN FAMILIES OF PROBANDS WITH MAJOR DEPRESSION - SEX-DIFFERENCES AND FAMILIALITY** *EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE*
Maier, W., Lichtermann, D., Minges, J., Heun, R., Hallmayer, J.
1992; 242 (2-3): 89-92
- **PREVALENCES OF PERSONALITY-DISORDERS (DSM-III-R) IN THE COMMUNITY** *JOURNAL OF PERSONALITY DISORDERS*
Maier, W., Lichtermann, D., Klingler, T., Heun, R., Hallmayer, J.
1992; 6 (3): 187-196
- **EXCLUSION OF LINKAGE BETWEEN THE SEROTONIN-2 RECEPTOR AND SCHIZOPHRENIA IN A LARGE SWEDISH KINDRED** *ARCHIVES OF GENERAL PSYCHIATRY*
Hallmayer, J., Kennedy, J. L., Wetterberg, L., Sjogren, B., Kidd, K. K., CAVALLISFORZA, L. L.
1992; 49 (3): 216-219
- **EVIDENCE AGAINST LINKAGE OF SCHIZOPHRENIA TO CHROMOSOME 5Q11-Q13 MARKERS IN SYSTEMATICALLY ASCERTAINED FAMILIES** *BIOLOGICAL PSYCHIATRY*
Hallmayer, J., Maier, W., Ackenheil, M., Ertl, M. A., Schmidt, S., Minges, J., Lichtermann, D., Wildenauer, D.
1992; 31 (1): 83-94
- **UNIPOLAR DEPRESSION IN THE AGED - DETERMINANTS OF FAMILIAL AGGREGATION** *JOURNAL OF AFFECTIVE DISORDERS*
Maier, W., Lichtermann, D., Minges, J., Heun, R., Hallmayer, J., Klingler, T.
1991; 23 (2): 53-61
- **PROGRESS IN GENOME SCAN FOR LINKAGE IN SCHIZOPHRENIA**
Barr, C. L., Kennedy, J. L., Pakstis, A. J., Wetterberg, L., Sjogren, B., Gelernter, J., Hallmayer, J., Moises, H., CAVALLISFORZA, L. L., Kidd, K. K.
CELL PRESS.1991: 335-35
- **THE IMPACT OF THE ENDOGENOUS SUBTYPE ON THE FAMILIAL AGGREGATION OF UNIPOLAR DEPRESSION** *EUROPEAN ARCHIVES OF PSYCHIATRY AND CLINICAL NEUROSCIENCE*
Maier, W., Hallmayer, J., Lichtermann, D., Philipp, M., Klingler, T.
1991; 240 (6): 355-362
- **ORNITHINE DECARBOXYLASE ACTIVITY AND PUTRESCINE LEVELS IN REVERSIBLE CEREBRAL-ISCHEMIA OF MONGOLIAN GERBILS - EFFECT OF BARBITURATE** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*
Paschen, W., Hallmayer, J., Mies, G., Rohn, G.
1990; 10 (2): 236-242
- **POLYAMINE METABOLISM IN EXPERIMENTAL CEREBRAL-ISCHEMIA** *1ST EUROPEAN CONGRESS OF NEUROLOGY / INTERNATIONAL SYMPOSIUM ON NEUROLOGICAL EMERGENCIES*
Paschen, W., Rohn, G., Hallmayer, J., Kocher, M.
JOHN LIBBEY & CO.1990: 150-154
- **ENDOGENOUS AND NEUROTIC DEPRESSION - DISTINCT PATTERNS OF FAMILIAL LOADING** *8TH WORLD CONGRESS OF PSYCHIATRY*
Maier, W., Hallmayer, J., Heun, R., Philipp, M.
ELSEVIER SCIENCE PUBL B V.1990: 446-451
- **DETERMINATION OF RNA-CONTENT IN POSTISCHEMIC GERBIL BRAIN BY INSITU HYBRIDIZATION** *METABOLIC BRAIN DISEASE*
Xie, Y., Herget, T., Hallmayer, J., STARZINSKIPOWITZ, A., Hossmann, K. A.
1989; 4 (4): 239-251
- **POLYAMINE METABOLISM IN REVERSIBLE CEREBRAL-ISCHEMIA OF MONGOLIAN GERBILS** *14TH INTERNATIONAL SALZBURG CONFERENCE OF THE WORLD FEDERATION OF NEUROLOGY : CEREBRAL VASCULAR DISEASE 7*
Paschen, W., ROEHN, G., Hallmayer, J., Mies, G.
ELSEVIER SCIENCE PUBL B V.1989: 251-254

- **EFFECTS OF ALPHA-DIFLUOROMETHYLORNITHINE ON POSTISCHEMIC CHANGES IN REGIONAL POLYAMINE PROFILES** *IUGOSLAVICA PHYSIOLOGICA ET PHARMACOLOGICA ACTA*
Paschen, W., Hallmayer, J., Meese, C. O.
1989; 25 (3): 475-483
- **POLYAMINE METABOLISM IN REVERSIBLE CEREBRAL-ISCHEMIA OF MONGOLIAN GERBILS** *METABOLIC BRAIN DISEASE*
Paschen, W., Rohn, G., Hallmayer, J., Mies, G.
1988; 3 (4): 297-302
- **POLYAMINES IN CEREBRAL-ISCHEMIA** *NEUROCHEMICAL PATHOLOGY*
Paschen, W., SCHMIDTKASTNER, R., Hallmayer, J., Djuricic, B.
1988; 9: 1-20
- **REGIONAL CHANGES OF POLYAMINE PROFILES AFTER REVERSIBLE CEREBRAL-ISCHEMIA IN MONGOLIAN GERBILS - EFFECTS OF NIMODIPINE AND BARBITURATE** *NEUROCHEMICAL PATHOLOGY*
Paschen, W., Hallmayer, J., Rohn, G.
1988; 8 (1): 27-41
- **RELATIONSHIP BETWEEN PUTRESCINE CONTENT AND DENSITY OF ISCHEMIC CELL-DAMAGE IN THE BRAIN OF MONGOLIAN GERBILS - EFFECT OF NIMODIPINE AND BARBITURATE** *ACTA NEUROPATHOLOGICA*
Paschen, W., Hallmayer, J., Rohn, G.
1988; 76 (4): 388-394
- **REGIONAL PROFILE OF POLYAMINES IN REVERSIBLE CEREBRAL-ISCHEMIA OF MONGOLIAN GERBILS** *NEUROCHEMICAL PATHOLOGY*
Paschen, W., Hallmayer, J., Mies, G.
1987; 7 (2): 143-156
- **LOW-DOSE OF BARBITURATES FOR PREVENTION OF HIPPOCAMPAL-LESIONS AFTER BRIEF ISCHEMIC EPISODES** *ACTA NEUROPATHOLOGICA*
Hallmayer, J., Hossmann, K. A., Mies, G.
1985; 68 (1): 27-31