




Michael Greicius, MD, MPH

Iqbal Farrukh and Asad Jamal Professor

Neurology & Neurological Sciences

 Curriculum Vitae available Online

CLINICAL OFFICES

- **Stanford Neuroscience Health Center**

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Bio

CLINICAL FOCUS

- Neurology
- Alzheimer's disease
- Genetics
- Neurodegenerative diseases
- Lewy Body disease
- Frontotemporal Dementia

ACADEMIC APPOINTMENTS

- Professor, Neurology & Neurological Sciences
- Member, Neurology & Neurological Sciences
- Member, Bio-X
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

HONORS AND AWARDS

- McKnight Foundation Memory and Cognitive Disorders Award, McKnight Foundation (2015-2018)
- Listed on Thomson Reuters "The World's Most Influential Scientific Minds", Thomson Reuters (2014-2016)
- ISMRM Outstanding Teacher Award in an Annual Meeting Educational Course, International Society for Magnetic Resonance Imaging in Medicine (2011)
- Stanford Neurology Clerkship Teaching Award, Stanford University School of Medicine (2009, 2012)
- New Perspectives in fMRI Research Award, Journal of Cognitive Neuroscience (2004)
- Alpha Omega Alpha Medical Honor Society, Columbia University College of Physicians and Surgeons (1996)

PROFESSIONAL EDUCATION

- Internship: New York Presbyterian Cornell Campus Internal Medicine Residency (1997) NY
- Fellowship: Stanford University Behavioral Neurology Fellowship (2001) CA
- Residency: Brigham and Women's and Mass General Hospital Neurology Residency (2000) MA
- Medical Education: Columbia University College of Physicians and Surgeons (1996) NY
- Residency: Brigham and Women's Hospital Harvard Medical School (2000) MA
- Board Certification: Neurology, American Board of Psychiatry and Neurology (2003)

LINKS

- Stanford's Alzheimer's Disease Research Center: <http://med.stanford.edu/adrc.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

As the Medical Director of the Stanford Center for Memory Disorders and Principal Investigator of the Stanford Extreme Phenotypes in Alzheimer's Disease (StEP AD) Cohort, Dr. Greicius' research focuses on elucidating the neurobiologic underpinnings of AD. His lab combines cutting edge brain imaging, "deep" phenotyping, and whole-genome sequencing of human subjects to identify novel pathways involved in AD pathogenesis. The goal of his work is to develop effective treatment for AD patients.

PROJECTS

- The Stanford Extreme Phenotypes in Alzheimer's Disease (StEP AD) Cohort - Stanford University

Teaching

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Olamide Abiose, Arielle Keller

Postdoctoral Faculty Sponsor

Michaël Belloy, Yann Le Guen

Publications

PUBLICATIONS

- **Identification of putative causal loci in whole-genome sequencing data via knockoff statistics.** *Nature communications*
He, Z., Liu, L., Wang, C., Le Guen, Y., Lee, J., Gogarten, S., Lu, F., Montgomery, S., Tang, H., Silverman, E. K., Cho, M. H., Greicius, M., Ionita-Laza, et al
2021; 12 (1): 3152
- **A Robust Test for Additive Gene-Environment Interaction Under the Trend Effect of Genotype Using an Empirical Bayes-Type Shrinkage Estimator.** *American journal of epidemiology*
Sanyal, N., Napolioni, V., de Rochemonteix, M., Belloy, M. E., Caporaso, N. E., Landi, M. T., Greicius, M. D., Chatterjee, N., Han, S. S.
2021
- **A novel age-informed approach for genetic association analysis in Alzheimer's disease.** *Alzheimer's research & therapy*
Le Guen, Y., Belloy, M. E., Napolioni, V., Eger, S. J., Kennedy, G., Tao, R., He, Z., Greicius, M. D., Alzheimers Disease Neuroimaging Initiative
2021; 13 (1): 72

- **Common X-chromosome variants are associated with Parkinson's disease risk.** *Annals of neurology*
Le Guen, Y., Napolioni, V., Belloy, M. E., Yu, E., Krohn, L., Ruskey, J. A., Gan-Or, Z., Kennedy, G., Eger, S. J., Greicius, M. D.
2021
- **Amyloid PET imaging in self-identified non-Hispanic Blacks from the Anti-Amyloid in Asymptomatic Alzheimer's Disease (A4) Study.** *Neurology*
Deters, K., Napolioni, V., Sperling, R. A., Greicius, M. D., Mayeux, R., Hohman, T., Mormino, E. C.
2021
- **KLVS heterozygosity reduces brain amyloid in asymptomatic at-risk APOE4 carriers.** *Neurobiology of aging*
Belloy, M. E., Eger, S. J., Le Guen, Y., Napolioni, V., Deters, K. D., Yang, H., Scelsi, M. A., Porter, T., James, S., Wong, A., Schott, J. M., Sperling, R. A., Laws, et al
2021; 101: 123–29
- **Network propagation of rare variants in Alzheimer's disease reveals tissue-specific hub genes and communities.** *PLoS computational biology*
Scelsi, M. A., Napolioni, V. n., Greicius, M. D., Altmann, A. n.
2021; 17 (1): e1008517
- **Failure to demonstrate efficacy of aducanumab: An analysis of the EMERGE and ENGAGE trials as reported by Biogen, December 2019.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Knopman, D. S., Jones, D. T., Greicius, M. D.
2020
- **A Likelihood Ratio Test for Gene-Environment Interaction Based on the Trend Effect of Genotype Under an Additive Risk Model Using the Gene-Environment Independence Assumption.** *American journal of epidemiology*
de Rochemonteix, M., Napolioni, V., Sanyal, N., Belloy, M. E., Caporaso, N. E., Landi, M. T., Greicius, M. D., Chatterjee, N., Han, S. S.
2020
- **Clonally expanded CD8 T cells patrol the cerebrospinal fluid in Alzheimer's disease.** *Nature*
Gate, D., Saligrama, N., Leventhal, O., Yang, A. C., Unger, M. S., Middeldorp, J., Chen, K., Lehallier, B., Channappa, D., De Los Santos, M. B., McBride, A., Pluvinage, J., Elahi, et al
2020
- **Tau PET imaging with 18F-PI-2620 in aging and neurodegenerative diseases.** *European journal of nuclear medicine and molecular imaging*
Mormino, E. C., Toueg, T. N., Azevedo, C. n., Castillo, J. B., Guo, W. n., Nadiadwala, A. n., Corso, N. K., Hall, J. N., Fan, A. n., Trelle, A. N., Harrison, M. B., Hunt, M. P., Sha, et al
2020
- **Recent Consanguinity and Outbred Autozygosity Are Associated With Increased Risk of Late-Onset Alzheimer's Disease.** *Frontiers in genetics*
Napolioni, V., Scelsi, M. A., Khan, R. R., Altmann, A., Greicius, M. D.
2020; 11: 629373
- **Association of Klotho-VS Heterozygosity With Risk of Alzheimer Disease in Individuals Who Carry APOE4.** *JAMA neurology*
Belloy, M. E., Napolioni, V. n., Han, S. S., Le Guen, Y. n., Greicius, M. D.
2020
- **Rooting out racial stereotypes in Neurology (R) A commentary on "Lucky and the root doctor"** *NEUROLOGY*
Hamilton, R. H., McClean, J. C., Greicius, M. D., Gamaldo, C. E., Burrus, T. M., Charleston, L., Correa, D. J., Ebong, I. M., Hamilton, R., Lewis, S., Thomas, R. P., Vargas, A., Flippen, et al
2019; 92 (22): 1029–32
- **A Quarter Century of APOE and Alzheimer's Disease: Progress to Date and the Path Forward** *NEURON*
Belloy, M. E., Napolioni, V., Greicius, M. D.
2019; 101 (5): 820–38
- **Ultra-Low-Dose F-18-Florbetaben Amyloid PET Imaging Using Deep Learning with Multi-Contrast MRI Inputs** *RADIOLOGY*
Chen, K. T., Gong, E., Macruz, F., Xu, J., Boumis, A., Khalighi, M., Poston, K. L., Sha, S. J., Greicius, M. D., Mormino, E., Pauly, J. M., Srinivas, S., Zaharchuk, et al
2019; 290 (3): 649–56
- **A Quarter Century of APOE and Alzheimer's Disease: Progress to Date and the Path Forward.** *Neuron*
Belloy, M. E., Napolioni, V. n., Greicius, M. D.

2019; 101 (5): 820–38

- **Ultra-Low-Dose 18F-Florbetaben Amyloid PET Imaging Using Deep Learning with Multi-Contrast MRI Inputs.** *Radiology*
Chen, K. T., Gong, E., de Carvalho Macruz, F. B., Xu, J., Boumis, A., Khalighi, M., Poston, K. L., Sha, S. J., Greicius, M. D., Mormino, E., Pauly, J. M., Srinivas, S., Zaharchuk, et al
2018: 180940
- **Effect of Alzheimer's disease risk and protective factors on cognitive trajectories in subjective memory complainers: An INSIGHT-preAD study** *ALZHEIMERS & DEMENTIA*
Teipel, S. J., Cavedo, E., Lista, S., Habert, M., Potier, M., Grothe, M. J., Epelbaum, S., Sambati, L., Gagliardi, G., Toschi, N., Greicius, M. D., Dubois, B., Hampel, et al
2018; 14 (9): 1126–36
- **Genetic study of multimodal imaging Alzheimer's disease progression score implicates novel loci** *BRAIN*
Scelsi, M. A., Khan, R. R., Lorenzi, M., Christopher, L., Greicius, M. D., Schott, J. M., Ourselin, S., Altmann, A., Alzheimer's Dis Neuroimaging, Natl Alzheimer's Coordinating Ctr
2018; 141: 2167–80
- **PINK1 Phosphorylates MIC60/Mitofilin to Control Structural Plasticity of Mitochondrial Crista Junctions.** *Molecular cell*
Tsai, P. I., Lin, C. H., Hsieh, C. H., Papakyrikos, A. M., Kim, M. J., Napolioni, V. n., Schoor, C. n., Couthouis, J. n., Wu, R. M., Wszolek, Z. K., Winter, D. n., Greicius, M. D., Ross, et al
2018
- **Mnemonic Training Reshapes Brain Networks to Support Superior Memory** *NEURON*
Dresler, M., Shirer, W. R., Konrad, B. N., Mueller, N. C., Wagner, I. C., Fernandez, G., Czisch, M., Greicius, M. D.
2017; 93 (5): 1227-?
- **Dissociated patterns of anti-correlations with dorsal and ventral default-mode networks at rest.** *Human brain mapping*
Chen, J. E., Glover, G. H., Greicius, M. D., Chang, C.
2017
- **Ruminative brooding is associated with salience network coherence in early pubertal youth** *SOCIAL COGNITIVE AND AFFECTIVE NEUROSCIENCE*
Ordaz, S. J., LeMoult, J., Colich, N. L., Prasad, G., Pollak, M., Popolizio, M., Price, A., Greicius, M., Gotlib, I. H.
2017; 12 (2): 298-310
- **A variant in PPP4R3A protects against Alzheimer-related metabolic decline.** *Annals of neurology*
Christopher, L. n., Napolioni, V. n., Khan, R. R., Han, S. S., Greicius, M. D.
2017
- **Overdominant effect of a CHRNA4 polymorphism on cingulo-opercular network activity and cognitive control.** *The Journal of neuroscience : the official journal of the Society for Neuroscience*
Sadaghiani, S. n., Ng, B. n., Altmann, A. n., Poline, J. B., Banaschewski, T. n., Bokde, A. L., Bromberg, U. n., Büchel, C. n., Burke Quinlan, E. n., Conrod, P. n., Desrivières, S. n., Flor, H. n., Frouin, et al
2017
- **Distinct alterations in Parkinson's medication-state and disease-state connectivity** *NEUROIMAGE-CLINICAL*
Ng, B., Varoquaux, G., Poline, J., Thirion, B., Greicius, M. D., Poston, K. L.
2017; 16: 575–85
- **Identification of Mood-Relevant Brain Connections Using a Continuous, Subject-Driven Rumination Paradigm.** *Cerebral cortex*
Milazzo, A., Ng, B., Jiang, H., Shirer, W., Varoquaux, G., Poline, J. B., Thirion, B., Greicius, M. D.
2016; 26 (3): 933-942
- **Validation of non-REM sleep stage decoding from resting state fMRI using linear support vector machines** *NEUROIMAGE*
Altmann, A., Schroeter, M. S., Spoormaker, V. I., Kiem, S. A., Jordan, D., Ilg, R., Bullmore, E. T., Greicius, M. D., Czisch, M., Saemann, P. G.
2016; 125: 544-555
- **Transport on Riemannian Manifold for Connectivity-Based Brain Decoding** *IEEE TRANSACTIONS ON MEDICAL IMAGING*
Ng, B., Varoquaux, G., Poline, J. B., Greicius, M., Thirion, B.
2016; 35 (1): 208-216

- **Resting-State Functional MRI: A Novel Tool for Understanding Brain Networks in Neuropsychiatric Disorders** *GENOMICS, CIRCUITS, AND PATHWAYS IN CLINICAL NEUROPSYCHIATRY*
Greicius, M., Lehner, T., Miller, B. L., State, M. W.
2016; 247–62
- **Regional brain hypometabolism is unrelated to regional amyloid plaque burden** *BRAIN*
Altmann, A., Ng, B., Landau, S. M., Jagust, W. J., Greicius, M. D.
2015; 138: 3734-3746
- **Loss of functional connectivity is greater outside the default mode network in nonfamilial early-onset Alzheimer's disease variants.** *Neurobiology of aging*
Lehmann, M., Madison, C., Ghosh, P. M., Miller, Z. A., Greicius, M. D., Kramer, J. H., Coppola, G., Miller, B. L., Jagust, W. J., Gorno-Tempini, M. L., Seeley, W. W., Rabinovici, G. D.
2015; 36 (10): 2678-2686
- **Modulation of Creutzfeldt-Jakob disease prion propagation by the A224V mutation.** *Annals of neurology*
Watts, J. C., Giles, K., Serban, A., Patel, S., Oehler, A., Bhardwaj, S., Guan, S., Greicius, M. D., Miller, B. L., DeArmond, S. J., Geschwind, M. D., Prusiner, S. B.
2015; 78 (4): 540-553
- **The posterior medial cortex in urologic chronic pelvic pain syndrome: detachment from default mode network-a resting-state study from the MAPP Research Network** *PAIN*
Martucci, K. T., Shirer, W. R., Bagarinao, E., Johnson, K. A., Farmer, M. A., Labus, J. S., Apkarian, A. V., Deutsch, G., Harris, R. E., Mayer, E. A., Clauw, D. J., Greicius, M. D., Mackey, et al
2015; 156 (9): 1755-1764
- **The posterior medial cortex in urologic chronic pelvic pain syndrome: detachment from default mode network-a resting-state study from the MAPP Research Network.** *Pain*
Martucci, K. T., Shirer, W. R., Bagarinao, E., Johnson, K. A., Farmer, M. A., Labus, J. S., Apkarian, A. V., Deutsch, G., Harris, R. E., Mayer, E. A., Clauw, D. J., Greicius, M. D., Mackey, et al
2015; 156 (9): 1755-1764
- **Optimization of rs-fMRI Pre-processing for Enhanced Signal-Noise Separation, Test-Retest Reliability, and Group Discrimination** *NEUROIMAGE*
Shirer, W. R., Jiang, H., Price, C. M., Ng, B., Greicius, M. D.
2015; 117: 67-79
- **Correlated gene expression supports synchronous activity in brain networks** *SCIENCE*
Richiardi, J., Altmann, A., Milazzo, A., Chang, C., Chakravarty, M. M., Banaschewski, T., Barker, G. J., Bokde, A. L., Bromberg, U., Buechel, C., Conrod, P., Fauth-Buehler, M., Flor, et al
2015; 348 (6240): 1241-1244
- **Introducing co-activation pattern metrics to quantify spontaneous brain network dynamics** *NEUROIMAGE*
Chen, J. E., Chang, C., Greicius, M. D., Glover, G. H.
2015; 111: 476-488
- **Expert consensus document: Mind the gaps-advancing research into short-term and long-term neuropsychological outcomes of youth sports-related concussions.** *Nature reviews. Neurology*
Carman, A. J., Ferguson, R., Cantu, R., Comstock, R. D., Dacks, P. A., DeKosky, S. T., Gandy, S., Gilbert, J., Gilliland, C., Gioia, G., Giza, C., Greicius, M., Hainline, et al
2015; 11 (4): 230-244
- **Bootstrapped Permutation Test for Multiresponse Inference on Brain Behavior Associations.** *Information processing in medical imaging : proceedings of the ... conference*
Ng, B., Poline, J. B., Thirion, B., Greicius, M.
2015; 24: 113-124
- **Neuropathologic analysis of Tyr69His TTR variant meningovascular amyloidosis with dementia.** *Acta neuropathologica communications*
Ziskin, J. L., Greicius, M. D., Zhu, W., Okumu, A. N., Adams, C. M., Plowey, E. D.
2015; 3 (1): 43-?
- **Disentangling Dynamic Networks: Separated and Joint Expressions of Functional Connectivity Patterns in Time** *HUMAN BRAIN MAPPING*
Leonardi, N., Shirer, W. R., Greicius, M. D., Van De Ville, D.
2014; 35 (12): 5984-5995

- **Apolipoprotein E, gender, and Alzheimer's disease: an overlooked, but potent and promising interaction.** *Brain imaging and behavior*
Ungar, L., Altmann, A., Greicius, M. D.
2014; 8 (2): 262-273
- **Sex modifies the APOE-related risk of developing Alzheimer disease.** *Annals of neurology*
Altmann, A., Tian, L., Henderson, V. W., Greicius, M. D.
2014; 75 (4): 563-573
- **Transport on Riemannian manifold for functional connectivity-based classification.** *Medical image computing and computer-assisted intervention : MICCAI ... International Conference on Medical Image Computing and Computer-Assisted Intervention*
Ng, B., Dressler, M., Varoquaux, G., Poline, J. B., Greicius, M., Thirion, B.
2014; 17: 405-412
- **Transport on Riemannian Manifold for Functional Connectivity-Based Classification** *17th International Conference on Medical Image Computing and Computer-Assisted Intervention (MICCAI)*
Ng, B., Dressler, M., Varoquaux, G., Poline, J. B., Greicius, M., Thirion, B.
SPRINGER-VERLAG BERLIN.2014: 405–12
- **The will to persevere induced by electrical stimulation of the human cingulate gyrus.** *Neuron*
Parvizi, J., Rangarajan, V., Shirer, W. R., Desai, N., Greicius, M. D.
2013; 80 (6): 1359-1367
- **Identifying large-scale brain networks in fragile x syndrome.** *JAMA psychiatry*
Hall, S. S., Jiang, H., Reiss, A. L., Greicius, M. D.
2013; 70 (11): 1215-1223
- **Disordered reward processing and functional connectivity in trichotillomania: A pilot study** *JOURNAL OF PSYCHIATRIC RESEARCH*
White, M. P., Shirer, W. R., Molfino, M. J., Tenison, C., Damoiseaux, J. S., Greicius, M. D.
2013; 47 (9): 1264-1272
- **Intrinsic connectivity networks in healthy subjects explain clinical variability in Alzheimer's disease** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Lehmann, M., Madison, C. M., Ghosh, P. M., Seeley, W. W., Mormino, E., Greicius, M. D., Gorno-Tempini, M. L., Kramer, J. H., Miller, B. L., Jagust, W. J., Rabinovici, G. D.
2013; 110 (28): 11606-11611
- **Altered resting state network activity in complex regional pain syndrome**
Martucci, K., BARAD, M., Shirer, W., Greicius, M., Mackey, S.
CHURCHILL LIVINGSTONE.2013: S48–S48
- **Diverging patterns of amyloid deposition and hypometabolism in clinical variants of probable Alzheimer's disease** *BRAIN*
Lehmann, M., Ghosh, P. M., Madison, C., Laforce, R., Corbetta-Rastelli, C., Weiner, M. W., Greicius, M. D., Seeley, W. W., Gorno-Tempini, M. L., Rosen, H. J., Miller, B. L., Jagust, W. J., Rabinovici, et al
2013; 136: 844-858
- **Sporadic Jakob-Creutzfeldt Disease Presenting as Primary Progressive Aphasia** *JAMA NEUROLOGY*
Johnson, D. Y., Dunkelberger, D. L., Henry, M., Haman, A., Greicius, M. D., Wong, K., DeArmond, S. J., Miller, B. L., Gorno-Tempini, M. L., Geschwind, M. D.
2013; 70 (2): 254-257
- **Two test statistics for cross-modal graph community significance** *3rd International Workshop on Pattern Recognition in NeuroImaging (PRNI)*
Richiardi, J., Altmann, A., Greicius, M.
IEEE.2013: 70–73
- **Neuroimaging insights into network-based neurodegeneration** *CURRENT OPINION IN NEUROLOGY*
Greicius, M. D., Kimmel, D. L.
2012; 25 (6): 727-734
- **Introduction to the Special Issue on Connectivity** *NEUROIMAGE*
Greicius, M. D., Seeley, W. W.
2012; 62 (4): 2181-2181

- **Efficacy of Transcranial Magnetic Stimulation Targets for Depression Is Related to Intrinsic Functional Connectivity with the Subgenual Cingulate** *BIOLOGICAL PSYCHIATRY*
Fox, M. D., Buckner, R. L., White, M. P., Greicius, M. D., Pascual-Leone, A.
2012; 72 (7): 595-603
- **Gender Modulates the APOE epsilon 4 Effect in Healthy Older Adults: Convergent Evidence from Functional Brain Connectivity and Spinal Fluid Tau Levels** *JOURNAL OF NEUROSCIENCE*
Damoiseaux, J. S., Seeley, W. W., Zhou, J., Shirer, W. R., Coppola, G., Karydas, A., Rosen, H. J., Miller, B. L., Kramer, J. H., Greicius, M. D.
2012; 32 (24): 8254-8262
- **Functional connectivity tracks clinical deterioration in Alzheimer's disease** *NEUROBIOLOGY OF AGING*
Damoiseaux, J. S., Prater, K. E., Miller, B. L., Greicius, M. D.
2012; 33 (4)
- **Gender Modulates the APOE epsilon 4 Effect in Healthy Older Controls: Convergent Evidence from Functional Brain Connectivity and Spinal Fluid Tau Levels** *64th Annual Meeting of the American-Academy-of-Neurology (AAN)*
Damoiseaux, J., Seeley, W., Shirer, W., Coppola, G., Karydas, A., Miller, B., Kramer, J., Greicius, M.
LIPPINCOTT WILLIAMS & WILKINS.2012
- **Decoding Subject-Driven Cognitive States with Whole-Brain Connectivity Patterns** *CEREBRAL CORTEX*
SHIRER, W. R., RYALI, S., Rykhlevskaia, E., Menon, V., Greicius, M. D.
2012; 22 (1): 158-165
- **Relationships between Beta-Amyloid and Functional Connectivity in Different Components of the Default Mode Network in Aging** *CEREBRAL CORTEX*
Mormino, E. C., Smiljic, A., Hayenga, A. O., Onami, S. H., Greicius, M. D., Rabinovici, G. D., Janabi, M., Baker, S. L., Yen, I. V., Madison, C. M., Miller, B. L., Jagust, W. J.
2011; 21 (10): 2399-2407
- **Differential electrophysiological response during rest, self-referential, and non-self-referential tasks in human posteromedial cortex** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Dastjerdi, M., Foster, B. L., Nasrullah, S., Rauschecker, A. M., Dougherty, R. F., Townsend, J. D., Chang, C., Greicius, M. D., Menon, V., Kennedy, D. P., Parvizi, J.
2011; 108 (7): 3023-3028
- **Breakdown of within- and between-network Resting State Functional Magnetic Resonance Imaging Connectivity during Propofol-induced Loss of Consciousness** *ANESTHESIOLOGY*
Boveroux, P., Vanhauzenhuyse, A., Bruno, M., Noirhomme, Q., Lauwick, S., Luxen, A., Degueldre, C., Plenevaux, A., Schnakers, C., Phillips, C., Brichant, J., Bonhomme, V., Maquet, et al
2010; 113 (5): 1038-1053
- **Dissociable Connectivity within Human Angular Gyrus and Intraparietal Sulcus: Evidence from Functional and Structural Connectivity** *CEREBRAL CORTEX*
Uddin, L. Q., Supekar, K., Amin, H., Rykhlevskaia, E., Nguyen, D. A., Greicius, M. D., Menon, V.
2010; 20 (11): 2636-2646
- **Development of functional and structural connectivity within the default mode network in young children** *NEUROIMAGE*
Supekar, K., Uddin, L. Q., Prater, K., Amin, H., Greicius, M. D., Menon, V.
2010; 52 (1): 290-301
- **Functional magnetic resonance imaging and estrogen effects on the brain: cautious interpretation of a BOLD finding** *MENOPAUSE-THE JOURNAL OF THE NORTH AMERICAN MENOPAUSE SOCIETY*
Henderson, V. W., Greicius, M. D.
2010; 17 (4): 669-671
- **Divergent network connectivity changes in behavioural variant frontotemporal dementia and Alzheimer's disease** *BRAIN*
Zhou, J., Greicius, M. D., Gennatas, E. D., Growdon, M. E., Jang, J. Y., Rabinovici, G. D., Kramer, J. H., Weiner, M., Miller, B. L., Seeley, W. W.
2010; 133: 1352-1367
- **Default network connectivity reflects the level of consciousness in non-communicative brain-damaged patients** *BRAIN*
Vanhauzenhuyse, A., Noirhomme, Q., Tshibanda, L. J., Bruno, M., Boveroux, P., Schnakers, C., Soddu, A., Perlbarg, V., Ledoux, D., Brichant, J., Moonen, G., Maquet, P., Greicius, et al

2010; 133: 161-171

- **Clinical applications of resting state functional connectivity.** *Frontiers in systems neuroscience*
Fox, M. D., Greicius, M.
2010; 4: 19-?
- **Episodic encephalopathy due to an occult spinal vascular malformation complicated by superficial siderosis** *CLINICAL NEUROLOGY AND NEUROSURGERY*
Gonella, M. C., Fischbein, N. J., Lane, B., Shuer, L. M., Greicius, M. D.
2010; 112 (1): 82-84
- **Disrupted Amygdalar Subregion Functional Connectivity and Evidence of a Compensatory Network in Generalized Anxiety Disorder** *ARCHIVES OF GENERAL PSYCHIATRY*
Etkin, A., Prater, K. E., Schatzberg, A. F., Menon, V., Greicius, M. D.
2009; 66 (12): 1361-1372
- **Greater than the sum of its parts: a review of studies combining structural connectivity and resting-state functional connectivity** *BRAIN STRUCTURE & FUNCTION*
Damoiseaux, J. S., Greicius, M. D.
2009; 213 (6): 525-533
- **Distinct Cerebellar Contributions to Intrinsic Connectivity Networks** *JOURNAL OF NEUROSCIENCE*
Habas, C., Kamdar, N., Nguyen, D., Prater, K., Beckmann, C. F., Menon, V., Greicius, M. D.
2009; 29 (26): 8586-8594
- **Neurodegenerative Diseases Target Large-Scale Human Brain Networks** *NEURON*
Seeley, W. W., Crawford, R. K., Zhou, J., Miller, B. L., Greicius, M. D.
2009; 62 (1): 42-52
- **Resting-State Functional Connectivity Reflects Structural Connectivity in the Default Mode Network** *CEREBRAL CORTEX*
Greicius, M. D., Supekar, K., Menon, V., Dougherty, R. F.
2009; 19 (1): 72-78
- **Resting-state functional connectivity in neuropsychiatric disorders** *CURRENT OPINION IN NEUROLOGY*
Greicius, M.
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