

**2013 Neuropsychiatry Section Publications, University of Pennsylvania**

- Schneider M, Debbané M, Bassett AS, Chow EWC, Fung WLA, Van den Bree MBM, Owen M, Murphy KC, Niarchou M, Kates WR, Antshel KM, Fremont W, McDonald-McGinn Dm, Gur RE et al. (2013). Psychiatric disorders from childhood to adulthood in 22q11.2 deletion syndrome: results from the international consortium on brain and behavior in 22q11.2 deletion syndrome. *American Journal of Psychiatry*, 1-13.
- Satterthwaite TD, Wolf DH, Erus G, Ruparel K, Elliot MA, Gennatas ED, Hopson R, Jackson C, Prabhakaran K, Bilker WB, Calkins ME, Loughhead J, Smith A, Roalf DR, Hakonarson H, Verma R, Davatzikos C, Gur RC, Gur RE. (2013). Functional maturation of the executive system during adolescence. *The Journal of Neuroscience*, 33(41), 16249-16261.
- Satterthwaite TD, Wolf DH, Ruparel K, Erus G, Elliot MA, Eickhoff SB, Gennatas ED, Jackson C, Prabhakaran K, Smith A, Hakonarson H, Verma R, Davatzikos C, Gur RE, Gur RC. (2013). Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. *NeuroImage*, 83, 45-57.
- Eavani H, Satterthwaite TD, Gur RE, Gur RC, Davatzikos C. Identifying patterns in temporal variation of functional connectivity using resting state fMRI. *Proc IEEE Int Symp Biomed Imaging*, 2013:1086-1089.
- Gur RC, Gur RE. (2013). Memory in health and in schizophrenia. *Dialogues Clinical Neuroscience*, 15(4):399-410.
- Kamath V, Turetsky BI, Calkins ME, Bilker WB, Frishberg N, Borgmann-Winter K, Kohler CG, Conroy CG, Gur RE, Moberg PJ. (2013). The effect of odor valence on olfactory performance in schizophrenia patients, unaffected relatives and at-risk youth. *Journal of Psychiatric Research*, 47(11):1636-41. doi: 10.1016/j.jpsychires.2013.07.014.
- Brown AS, Borgmann-Winter K, Hahn CG, Role L, Talmage D, Gur R, Chow J, Prado P, McCloskey T, Bao Y, Bulinski JC, Dwork AJ. Increased stability of microtubules in cultured olfactory neuroepithelial cells from individuals with schizophrenia. *Prog Neuropsychopharmacol Biol Psychiatry*. 2013 Oct 24. doi:pii: S0278-5846(13)00236-4. 10.1016/j.pnpbp.2013.10.015. [Epub ahead of print]
- Tandon R, Heckers S, Bustillo J, Barch DM, Gaebel W, Gur RE, Malaspina D, Owen MJ, Schultz S, Tsuang M, van Os J, Carpenter W. (2013) Catatonia in DSM-5. *Schizophrenia Research*, 150(1):26-30. doi: 10.1016/j.schres.2013.04.034.
- Tandon R, Gaebel W, Barch DM, Bustillo J, Gur RE, Heckers S, Malaspina D, Owen MJ, Schultz S, Tsuang M, Van Os J, Carpenter W. (2013). Definition and description of schizophrenia in the DSM-5. *Schizophrenia Research*, 150(1):3-10. doi: 10.1016/j.schres.2013.05.028.
- Tsuang MT, Van Os J, Tandon R, Barch DM, Bustillo J, Gaebel W, Gur RE, Heckers S, Malaspina D, Owen MJ, Schultz S, Carpenter W. (2013). Attenuated psychosis syndrome in DSM-5. *Schizophrenia Research*, 150(1):31-5. doi: 10.1016/j.schres.2013.05.004.
- Sleiman P, Wang D, Glessner J, Hadley D, Gur RE, Cohen N, Li Q, Hakonarson H; Janssen-CHOP Neuropsychiatric Genomics Working Group. (2013). GWAS meta-analysis identifies TSNARE1 as a novel schizophrenia / bipolar susceptibility locus. *Scientific Report*, 3:3075. doi: 10.1038/srep03075.
- Malaspina D, Owen MJ, Heckers S, Tandon R, Bustillo J, Schultz S, Barch DM, Gaebel W, Gur RE,

- Tsuang M, Van Os J, Carpenter W. (2013). Schizoaffective disorder in the DSM-5. *Schizophrenia Research*, 150(1):21-5. doi: 10.1016/j.schres.2013.04.026.
- Heckers S, Barch DM, Bustillo J, Gaebel W, Gur R, Malaspina D, Owen MJ, Schultz S, Tandon R, Tsuang M, Van Os J, Carpenter W. (2013). Structure of the psychotic disorders classification in DSM-5. *Schizophrenia Research*, 150(1):11-4. doi: 10.1016/j.schres.2013.04.039.
- Barch DM, Bustillo J, Gaebel W, Gur R, Heckers S, Malaspina D, Owen MJ, Schultz S, Tandon R, Tsuang M, Van Os J, Carpenter W. (2013). Logic and justification for dimensional assessment of symptoms and related clinical phenomena in psychosis: relevance to DSM-5. *Schizophrenia Research*, 150(1):15-20. doi: 10.1016/j.schres.2013.04.027.
- Montano CM, Irizarry RA, Kaufmann WE, Talbot K, Gur RE, Feinberg AP, Taub MA. (2013). Measuring cell-type specific differential methylation in human brain tissue. *Genome Biology*, 14(8):R94.
- Gulsuner S, Walsh T, Watts AC, Lee MK, Thornton AM, Casadei S, Rippey C, Shahin H; Consortium on the Genetics of Schizophrenia (COGS); PAARTNERS Study Group, Nimgaonkar VL, Go RC, Savage RM, Swerdlow NR, Gur RE, Braff DL, King MC, McClellan JM. (2013). Spatial and temporal mapping of de novo mutations in schizophrenia to a fetal prefrontal cortical network. *Cell*, 154(3):518-29. doi: 10.1016/j.cell.2013.06.049.
- Huang J, Wang Y, Jin Z, Di X, Yang T, Gur RC, Gur RE, Shum DH, Cheung EF, Chan RC. (2013). Happy facial expression processing with different social interaction cues: an fMRI study of individuals with schizotypal personality traits. *Prog Neuropsychopharmacol Biol Psychiatry*, 44:108-17. doi: 10.1016/j.pnpbp.2013.02.004.
- Calkins ME, Ray A, Gur RC, Freedman R, Green MF, Greenwood TA, Light GA, Nuechterlein KH, Olincy A, Radant AD, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Sugar C, Swerdlow NR, Tsuang DW, Tsuang MT, Turetsky BI, Braff DL, Lazzeroni LC, Gur RE. (2013). Sex differences in familiarity effects on neurocognitive performance in schizophrenia. *Biological Psychiatry*, 73(10):976-84. doi: 10.1016/j.biopsych.2012.12.021.
- Greenwood TA, Swerdlow NR, Gur RE, Cadenhead KS, Calkins ME, Dobie DJ, Freedman R, Green MF, Gur RC, Lazzeroni LC, Nuechterlein KH, Olincy A, Radant AD, Ray A, Schork NJ, Seidman LJ, Siever LJ, Silverman JM, Stone WS, Sugar CA, Tsuang DW, Tsuang MT, et al. (2013). Genome-wide linkage analyses of 12 endophenotypes for schizophrenia from the consortium on the genetics of schizophrenia. *American Journal of Psychiatry*, 170(5):521-32. doi: 10.1176/appi.ajp.2012.12020186.
- Kukshal P, Bhatia T, Bhagwat AM, Gur RE, Gur RC, Deshpande SN, Nimgaonkar VL, Thelma BK. (2013). Association study of neuregulin-1 gene polymorphisms in a north indian schizophrenia sample. *Schizophrenia Research*, 144(1-3):24-30. doi: 10.1016/j.schres.2012.12.017.
- Kring AM, Gur RE, Blanchard JJ, Horan WP, Reise SP. (2013). The clinical assessment interview for negative symptoms (CAINS): final development and validation. *American Journal of Psychiatry*, 170(2):165-72. doi: 10.1176/appi.ajp.2012.12010109.
- Eavani H, Satterthwaite TD, Gur RE, Gur RC, Davatzikos C. (2013). Unsupervised learning of functional network dynamics in resting state fMRI. *Inf Process Med Imaging*, 23:426-37.
- Roalf DR, Ruparel K, Verma R, Elliott MA, Gur RE, Gur RC. (2013). White matter organization and neurocognitive performance variability in schizophrenia. *Schizophrenia Research*, 143(1):172-8. doi: 10.1016/j.schres.2012.10.014