
Autism-Focused Publications by Autism Discovery Institute Staff and Research Partners

2018

Neurobiological Research

- Raznahan A, Parikshak NN, Chandran V, Blumenthal JD, Clasen LS, Alexander-Bloch AF, Zinn AR, Wangsa D, Wise J, Murphy DGM, Bolton PF, Ried T, Ross J, **Giedd JN**, Geschwind DH. Sex-chromosome dosage effects on gene expression in humans. *Proc Natl Acad Sci U S A*. 2018 Jul 10;115(28):7398-7403. doi: 10.1073/pnas.1802889115.
- Clark MM, Stark Z, Farnaes L, Tan TY, White SM, **Dimmock D**, **Kingsmore SF**. Meta-analysis of the diagnostic and clinical utility of genome and exome sequencing and chromosomal microarray in children with suspected genetic diseases. *NPJ Genom Med*. 2018 Jul 9;3:16.
- Brandler WM, Antaki D, Gujral M, Kleiber ML, Whitney J, Maile MS, Hong O, Chapman TR, Tan S, Tandon P, Pang T, Tang SC, Vaux KK, Yang Y, Harrington E, Juul S, Turner DJ, Thiruvahindrapuram B, Kaur G, Wang Z, **Kingsmore SF**, **Gleeson JG**, Bisson D, Kakaradov B, Telenti A, Venter JC, Corominas R, Toma C, Cormand B, Rueda I, Guijarro S, Messer KS, Nievergelt CM, Arranz MJ, Courchesne E, Pierce K, Muotri AR, Iakoucheva LM, Hervas A, Scherer SW, **Corsello C**, **Sebat J**. Paternally inherited cis-regulatory structural variants are associated with autism. *Science*. 2018 Apr 20;360(6386):327-331. doi: 10.1126/science.aan2261.
- Russo FB, Freitas BC, Pignatari GC, Fernandes IR, **Sebat J**, Muotri AR, Beltrão-Braga PCB. Modeling the Interplay Between Neurons and Astrocytes in Autism Using Human Induced Pluripotent Stem Cells. *Biol Psychiatry*. 2018 Apr 1;83(7):569-578. doi: 10.1016/j.biopsych.2017.09.021.
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- Marin-Valencia I, Novarino G, Johansen A, Rosti B, Issa MY, Musaev D, Bhat G, Scott E, Silhavy JL, Stanley V, Rosti RO, Gleeson JW, Imam FB, Zaki MS, **Gleeson JG**. A homozygous founder mutation in TRAPPC6B associates with a neurodevelopmental disorder characterised by microcephaly, epilepsy and autistic features. *J Med Genet*. 2018 Jan;55(1):48-54. doi: 10.1136/jmedgenet-2017-104627.

Psychosocial Intervention, Services and Implementation Research

- Chlebowski C, Magaña S, Wright B, **Brookman-Frazee L**. Implementing an intervention to address challenging behaviors for autism spectrum disorder in publicly-funded mental health services: Therapist and parent perceptions of delivery with Latinx families. *Cultur Divers Ethnic Minor Psychol*. 2018 Jul 19. doi: 10.1037/cdp0000215.
- Brookman-Frazee L**, **Stahmer AC**. Effectiveness of a multi-level implementation strategy for ASD interventions: study protocol for two linked cluster randomized trials. *Implement Sci*. 2018 May 9;13(1):66. doi: 10.1186/s13012-018-0757-2.
- Stahmer AC**, **Suhrheinrich J**, Schetter PL, McGee Hassrick E. Exploring multi-level system factors facilitating educator training and implementation of evidence-based practices (EBP): a study protocol. *Implement Sci*. 2018 Jan 8;13(1):3. doi: 10.1186/s13012-017-0698-1. Erratum in: *Implement Sci*. 2018 Apr 23;13(1):59.

*Note: **Bolded** authors are affiliated with the Autism Discovery Institute, Rady Children's Institute for Genomic Medicine and the Comprehensive Autism and Neurodevelopmental Disorders (CANDO) program, or the Child & Adolescent Services Research Center (CASRC)*

- Rieth SR, Haine-Schlagel R**, Burgeson M, Searcy K, **Dickson KS**, Stahmer AC. Integrating a Parent-Implemented Blend of Developmental and Behavioral Intervention Strategies into Speech-Language Treatment for Toddlers at Risk for Autism Spectrum Disorder. *Semin Speech Lang*. 2018 Apr;39(2):114-124. doi:10.1055/s-0038-1627483.
- Baker-Ericzén MJ, Brookman-Frazee L**, Brodtkin ES. Accelerating research on treatment and services for transition age youth and adults on the autism spectrum. *Autism*. 2018 Jan;22(1):2-5. doi: 10.1177/1362361317738646.
- Mazurek MO, Carlson C, **Baker-Ericzén M**, Butter E, Norris M, Kanne S. Construct Validity of the Autism Impact Measure (AIM). *J Autism Dev Disord*. 2018 Jan 17. doi: 10.1007/s10803-018-3462-8.
- Dickson KS, Suhrheinrich J, Rieth SR**, Stahmer AC. Parent and Teacher Concordance of Child Outcomes for Youth with Autism Spectrum Disorder. *J Autism Dev Disord*. 2018 May;48(5):1423-1435. doi: 10.1007/s10803-017-3382-z.
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2017

Neurobiological Research

- Meerschaut I, Rochefort D, Revençu N, Pètre J, **Corsello C**, Rouleau GA, Hamdan FF, Michaud JL, Morton J, Radley J, Raggi N, García-Miñaur S, Lapunzina P, Bralo MP, Mori MÁ, Moortgat S, Benoit V, Mary S, Bockaert N, Oostra A, Vanakker O, Velinov M, de Ravel TJ, Mekahli D, **Sebat J**, Vaux KK, DiDonato N, Hanson-Kahn AK, Hudgins L, Dallapiccola B, Novelli A, Tarani L, Andrieux J, Parker MJ, Neas K, Ceulemans B, Schoonjans AS, Prchalova D, Havlovicova M, Hancarova M, Budisteanu M, Dheedene A, Menten B, Dion PA, Lederer D, Callewaert B. FOXP1-related intellectual disability syndrome: a recognisable entity. *J Med Genet*. 2017 Sep;54(9):613-623. doi: 10.1136/jmedgenet-2017-104579. Epub 2017 Jul 22.
- Pagel KA, Pejaver V, Lin GN, Nam HJ, Mort M, Cooper DN, **Sebat J**, Iakoucheva LM, Mooney SD, Radivojac P. When loss-of-function is loss of function: assessing mutational signatures and impact of loss-of-function genetic variants. *Bioinformatics*. 2017 Jul 15;33(14):i389-i398. doi: 10.1093/bioinformatics/btx272.
- Wallace GL, Dudley K, Anthony L, Pugliese CE, Orionzi B, Clasen L, Lee NR, **Giedd JN**, Martin A, Raznahan A, Kenworthy L. Divergence of Age-Related Differences in Social-Communication: Improvements for Typically Developing Youth but Declines for Youth with Autism Spectrum Disorder. *J Autism Dev Disord*. 2017 Feb;47(2):472-479. doi: 10.1007/s10803-016-2972-5.
- Marshall CR... **Sebat J**; CNV and Schizophrenia Working Groups of the Psychiatric Genomics Consortium. Contribution of copy number variants to schizophrenia from a genome-wide study of 41,321 subjects. *Nat Genet*. 2017 Jan;49(1):27-35. doi:10.1038/ng.3725.

Psychosocial Intervention, Services and Implementation Research

- Brookman-Frazee L, Stadnick N, Chlebowski C, Baker-Ericzén M, Ganger W**. Characterizing psychiatric comorbidity in children with autism spectrum disorder receiving publicly funded mental health services. *Autism*. 2017 Sep 1;362361317712650. doi: 10.1177/1362361317712650.
- Blake JM, Rubenstein E, Tsai PC, Rahman H, **Rieth SR**, Ali H, Lee LC. Lessons learned while developing, adapting and implementing a pilot parent-mediated behavioural intervention for children with autism spectrum disorder in rural Bangladesh. *Autism*. 2017 Jul;21(5):611-621. doi: 10.1177/1362361316683890.

- Stadnick N, Chlebowski C, Brookman-Frazee L.** Caregiver-Teacher Concordance of Challenging Behaviors in Children with Autism Spectrum Disorder Served in Community Mental Health Settings. *J Autism Dev Disord.* 2017 Jun;47(6):1780-1790. doi: 10.1007/s10803-017-3101-9.
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- Stahmer AC, Brookman-Frazee L, Rieth SR, Stoner JT,** Feder JD, Searcy K, Wang. Parent perceptions of an adapted evidence-based practice for toddlers with autism in a community setting. *Autism.* 2017 Feb;21(2):217-230. doi:10.1177/1362361316637580.
- Stahmer, A. C.,** Aranbarri, A., **Drahota, A., & Rieth, S.** Toward a more collaborative research culture: Extending translational science from research to community and back again. *Autism.* 2017
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- Drahota, A., Chlebowski, C., Stadnick, N., Baker-Ericzen, M., & Brookman-Frazee, L.** (2017). Dissemination and implementation of behavioral treatments for anxiety in ASD. In C. Kerns, E. Storch, P. Kendall, J.J. Wood, & P. Renno (Eds.), *Evidence Based Assessment And Treatment Of Anxiety In Children And Adolescents With Autism Spectrum Disorder.* Elsevier.
- Koegel, R.L., Koegel, L.K. Vernon, T., & **Brookman-Frazee, L.** (2017). Pivotal response training for autism spectrum disorder. In A.E. Kazdin and J. Weisz (Eds.) *Evidenced-Based Psychotherapies for Children & Adolescents.* New York: Guilford Publications.