

2019 Annual Review Issue CALL FOR PROPOSALS

The Editors-in-Chief of *Pediatric Research* are inviting proposals for the January 2019 Annual Review Issue, **Developmental Influences on Neuropsychiatric Disorders**.

Subjects of interest include precision medicine (1), pharmacogenomics (2, 3), metabolomics (4), gene therapy (5), molecular diagnoses (6), and neuroimaging as they relate to this topic. Reviews on the following developmental influences/processes leading to neuropsychiatric disorders are also sought but not limited to: influence of other organ systems on developing neuropsychiatric disorders (7), changes in fetal programming/epigenetics/Barker's Hypothesis (8), hyperbilirubinemia (9), microbiome (10), infection (11), neuronal plasticity (12), vascular biology (13), and autoimmunity (14).

Proposals should be no more than 200 words in length and include a list of five key papers that will be covered in the review. **Proposals may be sent to Managing Editor Meredith Rowe at meredith@jeditorial.com by January 31, 2018.**

Authors will be notified of acceptance in January and February. Submission of full reviews will be due in early April.

With Warm Regards,

Cynthia F. Bearer
Editor-in-Chief
cynthia.bearer@pedres.org

Eleanor Molloy
Associate Editor-in-Chief
eleanor.molloy@pedres.org

1. Geschwind DH, State MW. Gene hunting in autism spectrum disorder: on the path to precision medicine. *Lancet Neurol* 2015;14(11):1109-1120
2. Abdolmaleky HM, Zhou JR, Thiagalingam S, Smith CL. Epigenetic and pharmacoepigenomic studies of major psychoses and potentials for therapeutics. *Pharmacogenomics* 2008;9(12):1809-1823
3. Kaur H, Jajodia A, Grover S, Agarwal N, Baghel R, Kukreti R. Pharmacogenomics of neuropsychiatric disorders: analysis of genetic variability in 162 identified neuroreceptors using 1000 Genomes Project data. *Pharmacogenomics* 2014;15(12):1575-1587
4. Sethi S, Brietzke E. Omics-Based Biomarkers: Application of Metabolomics in Neuropsychiatric Disorders. *Int J*

Neuropsychopharmacol 2015;19(3):pyv096

5. Kathawala M, Hirschfield GM. Insights into the management of Wilson's disease. *Therap Adv Gastroenterol* 2017;10(11):889-905

6. Riglin L, Collishaw S, Thapar AK, et al. Association of Genetic Risk Variants With Attention-Deficit/Hyperactivity Disorder Trajectories in the General Population. *JAMA Psychiatry* 2016;73(12):1285-1292

7. Knight A, Kogon AJ, Matheson MB, Warady BA, Furth SL, Hooper SR. Cognitive Function in Children with Lupus Nephritis: A Cross-Sectional Comparison with Children with Other Glomerular Chronic Kidney Diseases. *J Pediatr* 2017;189:181-188.e1

8. Schang AL, Saberan-Djoneidi D, Mezger V. The impact of epigenomic next-generation sequencing approaches on our understanding of neuropsychiatric disorders. *Clin Genet* 2017

9. Wei CC, Chang CH, Lin CL, Chang SN, Li TC, Kao CH. Neonatal jaundice and increased risk of attention-deficit hyperactivity disorder: a population-based cohort study. *J Child Psychol Psychiatry* 2015;56(4):460-467

10. Cenit MC, Sanz Y, Codoner-Franch P. Influence of gut microbiota on neuropsychiatric disorders. *World J Gastroenterol* 2017;23(30):5486-5498

11. Xiao J, Li Y, Prandovszky E, et al. MicroRNA-132 dysregulation in *Toxoplasma gondii* infection has implications for dopamine signaling pathway. *Neuroscience* 2014;268:128-138

12. O'Donovan SM, Sullivan CR, McCullumsmith RE. The role of glutamate transporters in the pathophysiology of neuropsychiatric disorders. *NPJ Schizophr* 2017;3(1):32-017-0037-1

13. Silva R, Martins L, Longatto-Filho A, Almeida OF, Sousa N. Lithium prevents stress-induced reduction of vascular endothelium growth factor levels. *Neurosci Lett* 2007;429(1):33-38

14. Coutinho E, Jacobson L, Pedersen MG, et al. CASPR2 autoantibodies are raised during pregnancy in mothers of children with mental retardation and disorders of psychological development but not autism. *J Neurol Neurosurg Psychiatry* 2017;88(9):718-721