

Special Issue

Neural and Epigenetic Factors in Parenting: Individual Differences and Dyadic Processes

Message from the Guest Editors

This Special Issue is focusing on parents' individual differences and dyadic processes. Parenting is seen as comprising a set of mental health conditions as well as cognitive, emotional, motivational, and behavioral dispositions that may vary from parent to parent. Parenting is also best understood as a transactional dyadic process between both caregivers as well as parent-child interactions aimed at their co-adaptations. We invite studies using cutting-edge neuroimaging techniques, including time-sensitive techniques such as magnetoencephalography, electroencephalography, and eye tracking, examining the brain bases of adaptive and maladaptive parenting and brain-to-brain connectivity. Studies using quantifiable epigenetic markers, such as DNA methylation, can also help to derive associations between epigenetic variation and a particular identifiable phenotype/trait relevant to parenting. Finally, intervention studies reporting the evaluation of evidence-based parenting programs involving neural or epigenetic measures are also welcome.

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