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**Rational use of mesenchymal stem cells in the treatment of autism spectrum disorders**

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**Abstract**

Autism and autism spectrum disorders (ASD) refer to a range of conditions characterized by impaired social and communication skills and repetitive behaviors, caused by different combinations of genetic and environmental influences. Although the pathophysiology underlying ASD is still unclear, recent evidence suggests that immune dysregulation and neuroinflammation play a role in the etiology of ASD. In particular, there is direct evidence

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... and it is important that we begin to develop a similar understanding of ASD pathology in the developing brain through **stem cells**. However, it is likely that **stem cell** models will suffer from the same problem of variability. The **Use** of iPSCs to Study Neurodevelopmental **Disorders** ...

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... It was rapidly recognized that the **application** of such "validators" was much ... a depressive **disorder** was already present), appropriate diagnosis and **treatment** may facilitate ... relevance worldwide, such as schizophrenia, major depressive **disorder**, and substance **use disorders** ...

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