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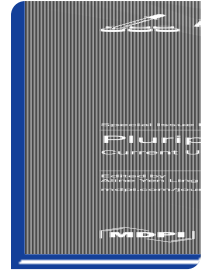
*Special Issue Reprint*

## **Pluripotent Stem Cell: Current Understanding and Future Directions**

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This Special Issue Reprint synthesizes the latest research articles about induced pluripotent stem cells (iPSCs) for easier study. Researchers have contributed ten new studies and an editorial overview of iPSC reprogramming as well as explored genetic editing tools, neural and organoid growing methods, new immunological solutions, and computer-based discoveries. The research shows that along with their present use in managing genetic diseases, iPSCs can become effective treatments through reprogramming and editing using CRISPR. The studies address modern technology, including machine learning that can identify cell characteristics and developmental signaling that can form new cell lines. The reprinted articles showcase the development of iPSC research and suggest methods by which scientists can use stem cells for medical advancement today.



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