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Human induced pluripotent stem cells for monogenic disease modelling and therapy

Paola Spitalieri, Valentina Rosa Talarico, Michela Murdocca, Giuseppe Novelli, Federica Sangiuolo

## Abstract

55

Recent and advanced protocols are now available to derive human induced pluripotent stem cells (hiPSCs) from patients affected by genetic diseases. No curative treatments are available for many of these diseases; thus, hiPSCs represent a major impact on patient' health. hiPSCs represent a valid model for the *in vitro* study of monogenic diseases together with a better comprehension of the pathogenic

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