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Generation and Assembly of Forebrain Spheroids

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Abstract

Here we show the generation and assembly from human pluripotent stem \(hPS) cells of subdomain-specific forebrain spheroids: human cortical spheroids \(hCS) and human subpallial spheroids \(hSS). This protocol describes hPS cell maintenance, neural spheroid generation, patterning and assembly to obtain functionally-integrated human forebrain 3D cultures.

Introduction

See "full article file":http://www.nature.com/protocolexchange/system/uploads/5563/original/Assembly_Forebrain_Spheroids_Protocol_Exchang.docx?1492438618.

Procedure

See "full article file":http://www.nature.com/protocolexchange/system/uploads/5563/original/Assembly_Forebrain_Spheroids_Protocol_Exchang.docx?1492438618.

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