Neural progenitor banking

Celeste M Karch¹, Rita Martinez¹, Jacob Marsh¹
¹Washington University in St Louis

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Neurodegeneration Method Development Community
Tech. support email: ndcn-help@chanzuckerberg.com

Celeste Karch
Washington University in St Louis

ATTACHMENTS
- IPSC CORTICAL DIFFERENTIATION 022017.pdf

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- IPSC Cortical Differentiation

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1. Upon reaching at least 85% confluency, harvest neural progenitor cells as described in protocol below.

   **Neural progenitor expansion protocol**

2. Perform a cell count in 3 mL of NIM using a hemacytometer.

3. Add equal volumes of NIM and 2x neural freezing medium to the NPC cell suspension for a final 1 x 10^6 cells/mL.

4. Gently mix solution and distribute 1 mL into sterile cryovials. Store cryovials in Styrofoam containers at -80 °C for 48:00:00 and then transfer to liquid nitrogen for long-term storage.