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ACCEPTED MANUSCRIPT

Astrocyte-enriched feeder layers from cryopreserved cells support differentiation of spontaneously active networks of human iPSC-derived neurons

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Highlights:

- Feeder layers from frozen mouse glia are astrocyte-enriched and neuron free.
- Feeder layers reproducibly reach 50% confluence in 5-7 days.
- Confluence of 20-100% supports functional differentiation of hiPSC-derived neurons
- 50% confluence promotes hiPSC-derived neural networks and retains integrity

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