



Feb 27, 2019

Working

iPSC Cortical Differentiation

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Neurodegeneration Method Development Community

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ABSTRACT

All methods described in this collection should be performed using sterile technique.

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

[Jiang et al Translational Psychiatry 2018](#)



IPSC CORTICAL
DIFFERENTIATION
022017.pdf

PROTOCOL STATUS

Working

We use this protocol in our group and it is working



Collection protocols



Preparation of feeder-free iPSCs culture
by Celeste Karch,
Washington University in St Louis

RUN



Neural aggregate formation
by Celeste Karch,
Washington University in St Louis

RUN








Preparation of tissue culture plates for neural rosettes and neural progenitors
by Celeste Karch,
Washington University in St Louis


RUN



Neural Rosette Formation and Selection
by Celeste Karch,
Washington University in St Louis

RUN

	Neural rosette banking by Celeste Karch, Washington University in St Louis	RUN
	Neural progenitor expansion by Celeste Karch, Washington University in St Louis	RUN
	Neural progenitor banking by Celeste Karch, Washington University in St Louis	RUN
	Thawing Rosettes and NPC by Celeste Karch, Washington University in St Louis	RUN
	Differentiation of NPC into cortical neurons by Celeste Karch, Washington University in St Louis	RUN

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