

Oct. 25, 2011

Dear Mr. Colbert,

We are submitting the enclosed manuscript entitled "*In ovo* Electroporation in Chick Midbrain for Studying Gene Function in Dopaminergic Neuron Development" that we hope you will consider for publication in *JoVE*. This is in response to a previous invitation from *JoVE* Associate Editor Brendan Grimm.

In our manuscript we report a powerful technique that can be used to assess gene functions in midbrain dopaminergic neuron development through *in ovo* electroporation in embryonic chick midbrains. This method specifically expresses plasmid DNA constructs in midbrain dopaminergic neuron progenitors for gain-of-function and loss-of-function studies. This protocol can be modified to investigate the development of other brain regions. We believe our manuscript is likely to be of interest to the readers of *JoVE* who wish to learn and apply the technique.

We are enclosing PDF files of the text and figures of our manuscript. We also enclose a list of individuals we feel might be appropriate reviewers of our paper. Thank you very much for considering our manuscript. We look forward to hearing from you soon.

Sincerely,



Yong-Chao Ma

PS: List of Potential Reviewers:

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