Sep 28, 2024 Version 2

# Nielsen and Ford (2024) - Reduced striatal M4-cholinergic signaling following dopamine loss differentially contributes to parkinsonian and L-DOPA-induced dyskinetic behaviors V.2

DOI
https://dx.doi.org/10.17504/protocols.io.dm6gp336jvzp/v2

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**We use this collection and it's working**

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## Abstract

This collection contains protocols detailing methods used in Nielsen and Ford (2024)-Reduced striatal M4-cholinergic signaling following dopamine loss differentially contributes to parkinsonian and L-DOPA-induced dyskinetic behaviors.

# Files

SEARCH

## Protocol

NAME

Stereotaxic Surgery

VERSION 1

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OPEN →

## Protocol

NAME

Motor behavioral assessment

VERSION 1

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OPEN →

## Protocol

NAME

Immunohistochemistry

VERSION 1

CREATED BY

Kelsey Barcomb
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OPEN →

## Protocol

NAME

6-OHDA mouse model of Parkinson's disease

VERSION 1

CREATED BY

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OPEN →

## Protocol

NAME

Levodopa-induced dyskinesia mouse model

VERSION 1

CREATED BY

Beatriz E Nielsen
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OPEN →

## Protocol

NAME

Electrophysiology and 2-photon imaging of Ca+2-transients

VERSION 2

CREATED BY

Beatriz E Nielsen
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OPEN →

## Protocol

NAME

Ex vivo electrophysiology

VERSION 1

CREATED BY

Beatriz E Nielsen
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OPEN →

## Protocol

NAME

Western Blot

VERSION 1

CREATED BY

Beatriz E Nielsen
University of Colorado Anschutz Medical Campus

OPEN →

## Protocol

NAME

Acute Brain Slices

VERSION 1

CREATED BY

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OPEN →