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☼ Stedehouder, J. and Roberts, B.M. et al. (2024) Rapid modulation of striatal cholinergic interneurons and dopamine release by satellite astrocytes



DOI

#### dx.doi.org/10.17504/protocols.io.dm6gp3k25vzp/v1

Jeff Stedehouder<sup>1,2</sup>, Bradley M. Roberts<sup>1,2</sup>, Shinil Raina<sup>1,2,3</sup>, Alan K. L. Liu<sup>2,4</sup>, Laura Parkkinen<sup>2,4</sup>, Dorly Verdier<sup>5</sup>, Arlette Kolta<sup>5,6,7</sup>, Stephanie J Cragg<sup>1,2,3</sup>

- <sup>1</sup>Department of Physiology, Anatomy and Genetics, University of Oxford, Oxford OX1 3PT, UK;
- <sup>2</sup>Oxford Parkinson's Disease Centre, University of Oxford, Oxford OX1 3PT, UK;
- <sup>3</sup>Aligning Science Across Parkinson's (ASAP) Collaborative Research Network, Chevy Chase, MD 20815, USA;
- <sup>4</sup>Nuffield Department of Clinical Neurosciences, University of Oxford, Oxford OX3 9DU, UK;
- <sup>5</sup>Département de Neurosciences, Université de Montréal, Montréal, Québec, Canada;
- <sup>6</sup>Centre Interdisciplinaire de Recherche sur le Cerveau et l'Apprentissage, Université de Montréal, Montréal, Québec, Canada:
- <sup>7</sup>Faculté de Médecine Dentaire, Université de Montréal, Montréal, Québec, Canada

Jeff Stedehouder: currently based at: Medical Research Council Brain Network Dynamics Unit, Nuffield Department of Clinical Neurosciences, University of Oxford, Mansfield Road, Oxford OX1 3TH, United Kingdom;

Bradley M. Roberts: currently based at: UK Dementia Research Institute, University of Cambridge, Cambridge UK;

Team Cragg



Cláudia C. Mendes

University of Oxford

# OPEN ACCESS



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We use this collection and it's
working

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#### Abstract

This collection contains seven protocols detailing methods used in Stedehouder, J. and Roberts, B.M. *et al* (2024) Rapid modulation of striatal cholinergic interneurons and dopamine release by satellite astrocytes.



## **Files**



SEARCH

#### **Protocol**



NAME

Imaging of cholinergic interneurons in post-mortem rodent tissue to identify striatal satellite astrocytes

**VERSION 1** 

**CREATED BY** 



Cláudia C. Mendes University of Oxford

OPEN  $\rightarrow$ 

#### **Protocol**



NAME

Immunofluorescence labelling and imaging of cholinergic interneurons in post-mortem human brain tissues

**VERSION 1** 

**CREATED BY** 



Cláudia C. Mendes University of Oxford

OPEN  $\rightarrow$ 

## **Protocol**



NAME

Making Ca2+ - selective microelectrodes

**VERSION 1** 

**CREATED BY** 



Cláudia C. Mendes University of Oxford

OPEN →

#### **Protocol**



Whole-cell Patch-Clamp Recordings from Striatal Cholinergic Interneurons in ex vivo Mouse Brain Slices

**VERSION 1** 

**CREATED BY** 





Cláudia C. Mendes University of Oxford

OPEN →

### **Protocol**



NAME

Immunofluorescent Labelling of Post-Mortem Rodent Brain Tissue

**VERSION 1** 

**CREATED BY** 



Cláudia C. Mendes University of Oxford

# **Protocol**



NAME

Intracranial injections of viral vectors in mouse striatum

**VERSION 1** 

**CREATED BY** 



Cláudia C. Mendes University of Oxford

OPEN →

# **Protocol**



NAME

? Fast-scan cyclic voltammetry to assess dopamine release in ex vivo mouse brain slices while optogenetically activating astrocytes

**VERSION 1** 

**CREATED BY** 



Shinil Raina University of Oxford

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