Brimblecombe, K.R. et al. (2023) Inhibition of striatal dopamine release by the L-type calcium channel inhibitor isradipine, co-varies with risk factors for Parkinson's. V.3

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VERSION 3

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ABSTRACT

This collection contains five protocols detailing methods used in Brimblecombe, K.R. et al. (2023) *Inhibition of striatal dopamine release by the L-type calcium channel inhibitor isradipine, co-varies with risk factors for Parkinson's.*

MANUSCRIPT CITATION:
Brimblecombe KR, Connor-Robson N, Bataille CJR, Roberts BM, Gracie C, O'Connor B, Te Water Naude R, Karthik G, Russell AJ, Wade-Martins R, Cragg SJ. *Inhibition of striatal dopamine release by the L-type calcium channel inhibitor isradipine co-varies with risk factors for Parkinson's.* Eur J Neurosci. 2023 Nov 8. doi: 10.1111/ejn.16180. Epub ahead of print. PMID: 37941514.

Protocol status: Working
We use this collection and it's working

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FILES

SEARCH

Protocol

NAME

Fast-scan cyclic voltammetry to assess dopamine release in ex vivo mouse brain slices

VERSION 1

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Protocol

NAME

Making Carbon-Fibre Microelectrode (CFM) for electrochemical recordings of monoamines in ex vivo mouse brain slices

VERSION 2

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Protocol

NAME

Synthesis of 1-(3-chlorophenethyl)-3-cyclopentylpyrimidine-2,4,6-(1H,3H,5H)-trione (CP8)

VERSION 2

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Protocol

NAME

Stock solutions of cocaine, isradipine, nomifensine, lidocaine, DHβE, CP8, L-741,626, and water-soluble cholesterol

VERSION 1

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Protocol

NAME

Western blot in homogenised mouse brain samples

VERSION 2

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