



JAN 24, 2024

Vu, M-A. T. et al (2024) Targeted micro-fiber arrays for measuring and manipulating localized multi-scale neural dynamics over large, deep brain volumes during behavior

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Team Cragg

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Cláudia C. Mendes

## ABSTRACT

This collection contains eight protocols detailing methods used in Vu, M-A. T. et al (2024) *Targeted micro-fiber arrays for measuring and manipulating localized multi-scale neural dynamics over large, deep brain volumes during behavior.*



## DOI:

[dx.doi.org/10.17504/protocols.io.bp2l6xyrklqe/v1](https://dx.doi.org/10.17504/protocols.io.bp2l6xyrklqe/v1)

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**protocols.io**

<https://dx.doi.org/10.17504/protocols.io.bp2l6xyrklqe/v1>

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**Protocol status:** Working

We use this collection and it's working

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**COLLECTION integer ID:** 91872

**Funders Acknowledgement:**

Aligning Science Across  
Parkinson's (ASAP)


Grant ID: ASAP-020370

FILES

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SEARCH

Protocol




NAME

Multifiber Array Fabrication

VERSION 1


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Targeted optogenetic stimulations

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Multi-color fiber array imaging

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Stereotaxic viral injections and array implantation

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Micro-CT scanning and fiber localization

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Immunohistology

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Freely moving imaging

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Head-fixed behavior

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