



APR 15, 2024

# "Reward perseveration is shaped by GABAA-mediated dopamine pauses", Burwell et al

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ASAP Collaborative Research Network



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## ABSTRACT

This collection of protocols details the experiments and analysis performed for the Burwell et al paper "Reward perseveration is shaped by GABAA-mediated dopamine pauses". Software used in the various analysis protocols can be found at [https://github.com/tadrosslab/VTA\\_GABA\\_paper](https://github.com/tadrosslab/VTA_GABA_paper).

### DOI:

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**protocols.io**

<https://dx.doi.org/10.17504/protocols.io.j8nlk8ekdl5r/v1>

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**Protocol status:** Working

We use this collection and it's working

**Created:** Apr 10, 2024

**Last Modified:** Apr 15, 2024


**COLLECTION integer ID:** 98025








**Keywords:** ASAPCRN

**Funders Acknowledgement:**

Aligning Science Across  
Parkinson's

FILES



Protocol		
<div>  </div>	<div>NAME</div> <div>Behavior Protocol</div>	
	<div>VERSION 1</div>	
	<div>CREATED BY</div> <div>  <div> Sasha Burwell Duke University </div> </div>	<div>OPEN →</div>
Protocol		
<div>  </div>	<div>NAME</div> <div>Behavior: Analysis Protocol</div>	
	<div>VERSION 1</div>	
	<div>CREATED BY</div> <div>  <div> Sasha Burwell Duke University </div> </div>	<div>OPEN →</div>
Protocol		
<div>  </div>	<div>NAME</div> <div>VTA Surgery Protocol</div>	
	<div>VERSION 1</div>	
	<div>CREATED BY</div> <div>  <div> Sasha Burwell Duke University </div> </div>	<div>OPEN →</div>
Protocol		
<div>  </div>	<div>NAME</div> <div>Behavior Hardware Setup Protocol</div>	
	<div>VERSION 1</div>	
	<div>CREATED BY</div> <div>Sasha Burwell</div>	



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Protocol



NAME  
Electrophysiological recording from Brain Slices Protocol

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NAME  
In vivo Ephys: Analysis Protocol

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NAME  
In vivo Ephys: Spike Sorting Protocol

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In vivo Electrophysiology Protocol

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Fiber Photometry Protocol

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FibPho: Analysis Protocol

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Histology Protocol

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Histology: Analysis Protocol

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**DART Infusion Protocol**

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