

# Resource Summary Report

Generated by RRID on Aug 7, 2026

## Mcllwain: Tissue Chopper

RRID:SCR\_015798

Type: Tool

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### Proper Citation

Mcllwain: Tissue Chopper (RRID:SCR\_015798)

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### Resource Information

**URL:** <https://campdeninstruments.com/products/mcilwain-tissue-chopper>

**Proper Citation:** Mcllwain: Tissue Chopper (RRID:SCR\_015798)

**Description:** Equipment for preparing samples of tissue for metabolic experiments that can also prepare small and irregular samples for biopsy or from small organs. It can perform rapid chopping of tissue without causing excessive stress damage.

**Synonyms:** Campden Instruments Inc. Mcllwain Tissue Chopper

**Resource Type:** instrument resource

**Keywords:** instrument, hardware resource, research equipment, tissue slice, biomaterial, metabolic research, electrophysiology, immunology

**Availability:** Commercially available, Available for purchase

**Specification URL:** <https://drive.google.com/file/d/1bnKE2oLjA-yMzXMs7onWNw6pECY1SgS/view?usp=drivesdk>

**Resource Name:** Mcllwain: Tissue Chopper

**Resource ID:** SCR\_015798

**Alternate URLs:**

[https://lafayetteinstrument.com/downloads/manuals/Mcllwain\\_manual.pdf](https://lafayetteinstrument.com/downloads/manuals/Mcllwain_manual.pdf)

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20260801T190521+0000

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### Ratings and Alerts

No rating or validation information has been found for McIlwain: Tissue Chopper.

No alerts have been found for McIlwain: Tissue Chopper.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 15 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

Tomé AR, et al. (2026) The antidepressant-like effect of adenosine A1 receptor over-expression in forebrain neurons does not involve an altered adenosine-mediated control of excitatory synaptic transmission. *Neuropharmacology*, 298, 111056.

Rimawi I, et al. (2026) Paternal exposure to chlorpyrifos disrupts protein regulation and abolishes PKC $\epsilon$  signaling in learning-related neural circuits. *Neurotoxicology*, 115, 103506.

Figuerola-Bou E, et al. (2025) KDM6 Demethylases Contribute to EWSR1::FLI1-Driven Oncogenic Reprogramming in Ewing Sarcoma. *Cancer research*, 85(22), 4485.

Valada P, et al. (2023) The impact of inosine on hippocampal synaptic transmission and plasticity involves the release of adenosine through equilibrative nucleoside transporters rather than the direct activation of adenosine receptors. *Purinergic signalling*, 19(2), 451.

Madeira D, et al. (2023) Astrocytic A2A receptors silencing negatively impacts hippocampal synaptic plasticity and memory of adult mice. *Glia*.

Coelho V, et al. (2022) Guanosine Prevents Spatial Memory Impairment and Hippocampal Damage Following Amyloid- $\beta$ 1-42 Administration in Mice. *Metabolites*, 12(12).

Lopes CR, et al. (2022) Impact of blunting astrocyte activity on hippocampal synaptic plasticity in a mouse model of early Alzheimer's disease based on amyloid- $\beta$  peptide exposure. *Journal of neurochemistry*, 160(5), 556.

Ohayon D, et al. (2021) Transcriptome profiling of the Olig2-expressing astrocyte subtype reveals their unique molecular signature. *iScience*, 24(7), 102806.

Hamnett R, et al. (2021) The Cell-Autonomous Clock of VIP Receptor VPAC2 Cells Regulates Period and Coherence of Circadian Behavior. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(3), 502.

Aguirrebengoa M, et al. (2021) Purification of astrocyte subtype based on a double reporter mice approach for downstream transcription profiling. *STAR protocols*, 2(4), 101009.

Imig C, et al. (2020) Ultrastructural Imaging of Activity-Dependent Synaptic Membrane-Trafficking Events in Cultured Brain Slices. *Neuron*, 108(5), 843.

Moreira-de-Sá A, et al. (2020) Adenosine A2A receptors format long-term depression and memory strategies in a mouse model of Angelman syndrome. *Neurobiology of disease*, 146, 105137.

Shinozaki Y, et al. (2019) Microglial ROCK is essential for chronic methylmercury-induced neurodegeneration. *Journal of neurochemistry*, 151(1), 64.

Reis SL, et al. (2019) Adenosine A1 and A2A receptors differently control synaptic plasticity in the mouse dorsal and ventral hippocampus. *Journal of neurochemistry*, 151(2), 227.

Croft CL, et al. (2018) Preparation of organotypic brain slice cultures for the study of Alzheimer's disease. *F1000Research*, 7, 592.