

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

[microMS](#)

RRID:SCR_017443

Type: Tool

Proper Citation

microMS (RRID:SCR_017443)

Resource Information

URL: <http://neuroproteomics.scs.illinois.edu/microMS.htm>

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Description: Software Python platform for image guided Mass Spectrometry profiling. Provides graphical user interface for automatic cell finding and point based registration from whole slide images. Simplifies single cell analysis with feature rich image processing.

Synonyms: microscopy guided Mass Spectrometry

Resource Type: data processing software, image analysis software, image processing software, software application, software resource

Defining Citation: [PMID:28593377](#)

Keywords: Image, guided, mass, spectrometry, automatic, cell, finding, point, based, registration, whole, slide, image, analysis, processing, BRAIN Initiative

Funding: National Science Foundation Graduate Research Fellowship Program ;
NIDA DA018310;
NIGMS T32 GM070421;
NIMH U01 MH109062;
Springborn Fellowship

Availability: Free, Available for download, Freely available

Resource Name: microMS

Resource ID: SCR_017443

Record Creation Time: 20220129T080335+0000

Record Last Update: 20260905T132824+0000

Ratings and Alerts

No rating or validation information has been found for microMS.

No alerts have been found for microMS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Xue P, et al. (2020) Optically guided mass spectrometry to screen microbial colonies for directed enzyme evolution. Methods in enzymology, 644, 255.