

Resource Summary Report

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City University of New York Advanced Science Research Center Live Imaging and Bioenergetics Core Facility

RRID:SCR_022945

Type: Tool

Proper Citation

City University of New York Advanced Science Research Center Live Imaging and Bioenergetics Core Facility (RRID:SCR_022945)

Resource Information

URL: <https://asrc.gc.cuny.edu/neuroscience/facilities/live-imaging-bioenergetics-facility/>

Proper Citation: City University of New York Advanced Science Research Center Live Imaging and Bioenergetics Core Facility (RRID:SCR_022945)

Description: Provides Zeiss LSM880 upright two photon confocal microscope with Airyscan, FAST model and CLARITY lens; LSM880 inverted live cell imaging confocal microscope with Airyscan and FAST model; Agilent Seahorse XFe24 live cell metabolic analyzer. Supported applications include in vivo imaging of live animals, time lapse live cell imaging with high resolution optical sectioning, deep imaging of fixed CLARITY tissues, calcium imaging, photo switching and photo uncaging, Fluorescence Recovery After Photobleaching, Forster Resonance Energy Transfer, laser ablation, and measuring mitochondrial respiration and glycolysis in live cells in real time. Provides advanced imaging analysis software Imaris for data processing.

Synonyms: CUNY Advanced Science Research Center ASRC-Live Imaging and Bioenergetics Core, ASRC-Live Imaging and Bioenergetics Core

Resource Type: core facility, service resource, access service resource

Keywords: USEDit, ABRF, live imaging, bioenergetics, live cell imaging, advanced imaging analysis, data processing

Resource Name: City University of New York Advanced Science Research Center Live Imaging and Bioenergetics Core Facility

Resource ID: SCR_022945

Alternate IDs: ABRF_1621

Alternate URLs: <https://coremarketplace.org/?FacilityID=1621&citation=1>

Record Creation Time: 20221104T050213+0000

Record Last Update: 20260731T043122+0000

Ratings and Alerts

No rating or validation information has been found for City University of New York Advanced Science Research Center Live Imaging and Bioenergetics Core Facility.

No alerts have been found for City University of New York Advanced Science Research Center Live Imaging and Bioenergetics Core Facility.

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 [kravitz2](#) .

Xu Y, et al. (2026) From degraded to deciphered: Applying ATAC-seq to forensic molecular diagnosis under degradation conditions. Forensic science international, 379, 112789.