

# Resource Summary Report

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

## Augusta University Proteomics and Mass Spectrometry Core Facility

RRID:SCR\_027673

Type: Tool

### Proper Citation

Augusta University Proteomics and Mass Spectrometry Core Facility (RRID:SCR\_027673)

### Resource Information

**URL:** <https://www.augusta.edu/research/core/proteomics.php>

**Proper Citation:** Augusta University Proteomics and Mass Spectrometry Core Facility (RRID:SCR\_027673)

**Description:** Facility for characterization and expression level quantitation of proteins (isolated or in an extract) and small molecules/metabolites by mass spectrometry (MS) and/or chromatography. Services include protein identification, labeled and label-free comparative proteomics by Orbitrap mass spectrometry, protein/small molecule quantification using targeted mass spectrometry (PRM and SRM/MRM mass spectrometry), high throughput protein immune-protein assays (384-well Luminex/ELISA assay), etc.

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

**Keywords:** ABRF, protein identification, labeled and label-free comparative proteomics, Orbitrap mass spectrometry, protein/small molecule quantification, targeted mass spectrometry, high throughput protein immune-protein assays,

**Availability:** Open

**Resource Name:** Augusta University Proteomics and Mass Spectrometry Core Facility

**Resource ID:** SCR\_027673

**Alternate IDs:** ABRF\_5654

**Alternate URLs:** [https://coremarketplace.org/RRID:SCR\\_027673/?citation=1](https://coremarketplace.org/RRID:SCR_027673/?citation=1)

**Record Creation Time:** 20251118T060127+0000

**Record Last Update:** 20260905T133555+0000

### Ratings and Alerts

No rating or validation information has been found for Augusta University Proteomics and Mass Spectrometry Core Facility.

No alerts have been found for Augusta University Proteomics and Mass Spectrometry Core Facility.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Alhamad DW, et al. (2026) Tryptophan metabolites 3-hydroxykynurenine (3HK) and 3-hydroxyanthranilic acid (3HAA) increase oxidative stress and impair osteoblastic bone formation. The Journal of biological chemistry, 302(4), 111174.

Kang B, et al. (2026) Conditional knockout of indoleamine 2, 3-dioxygenase-1 in osteoprogenitor cells in mice results in sex-dependent differences in bone mass. Biochimie.

Kuppuswamy S, et al. (2025) Brain proteome changes after intracerebral hemorrhage in aged male and female mice. Neurobiology of disease, 212, 106936.

Xi C, et al. (2025) Transsulfuration pathway activation attenuates oxidative stress and ferroptosis in sickle primary erythroblasts and transgenic mice. Communications biology, 8(1), 15.

Jaiyesimi O, et al. (2024) Glycolytic PFKFB3 and Glycogenic UGP2 Axis Regulates Perfusion Recovery in Experimental Hind Limb Ischemia. Arteriosclerosis, thrombosis, and vascular biology, 44(8), 1764.

Crivelli SM, et al. (2024) Abnormal Regulation of Mitochondrial Sphingolipids during Aging and Alzheimer's Disease. ASN neuro, 16(1), 2404367.