

Resource Summary Report

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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: core facility, access service resource, 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

Record Creation Time: 20251118T060127+0000

Record Last Update: 20260808T190812+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.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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.