Resource Summary Report

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Augusta University Medical College of Georgia Electron Microscopy and Histology Core Facility

RRID:SCR_026810
Type: Tool

Proper Citation

Augusta University Medical College of Georgia Electron Microscopy and Histology Core Facility (RRID:SCR_026810)

Resource Information

URL: https://www.augusta.edu/mcg/cba/emhisto/

Proper Citation: Augusta University Medical College of Georgia Electron Microscopy and Histology Core Facility (RRID:SCR_026810)

Description: Core offers variety of specimen preparation services for transmission and scanning electron microscopy, vibratome, paraffin, cryostat and JB-4 sectioning.Offers routine staining and various histological special stains, PASH, Masson Trichrome, Van Gieson and many others, immunohistochemical services including immuno-EM studies. Core staff performs all aspects of the ultrastructural procedures from specimen processing to imaging (for Electron Microscopy, TEM and SEM) and processing, sectioning, and staining for light microscopy (paraffin, cryostat, and JB-4).

Synonyms: , Augusta University Electron Microscopy and Histology Core, Augusta University Medical College of Georgia Electron Microscopy and Histology Core

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

Keywords: ABRF, specimen preparation services for transmission and scanning electron microscopy, vibratome, paraffin, cryostat, JB-4 sectioning,

Availability: Open

Resource Name: Augusta University Medical College of Georgia Electron Microscopy and Histology Core Facility

Resource ID: SCR_026810

Alternate IDs: ABRF_3177

Alternate URLs: https://coremarketplace.org/RRID:SCR_026810/?citation=1

Record Creation Time: 20250416T063537+0000

Record Last Update: 20260919T200058+0000

Ratings and Alerts

No rating or validation information has been found for Augusta University Medical College of Georgia Electron Microscopy and Histology Core Facility.

No alerts have been found for Augusta University Medical College of Georgia Electron Microscopy and Histology Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Chlebek C, et al. (2026) In C57BL/6J mice, weight loss in previously obese mice reduced bone mass and shifted the cortical bone metabolome. Bone, 202, 117690.

Lu X, et al. (2026) Soluble Epoxide Hydrolase Inhibitors Improve Cornea Alkali Wound Healing. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(6), e71686.

Wang J, et al. (2026) Sigma 1 Receptor Activation Coordinates Metabolic Stress Responses to Protect Retinal Vasculature in Ischemic Retinopathy. Investigative ophthalmology & visual science, 67(6), 58.

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.

Beatty C, et al. (2026) Analysis of Keratoconus-Related Phenotypes in Two Pcsk1 Mouse Models. Translational vision science & technology, 15(2), 3.

Youngblood HA, et al. (2026) Pro-Homeostatic Effects of Estrogen on Intraocular Pressure and the Trabecular Meshwork. Investigative ophthalmology & visual science, 67(3), 16.

Hadvina R, et al. (2026) Characterization of the SKC mouse strain as a potential model for keratoconus. bioRxiv : the preprint server for biology.

Murphy SA, et al. (2026) CD73 blockade enhances antitumor efficacy of oHSV in solid tumors by increasing macrophage-mediated antigen presentation. Journal for immunotherapy of cancer, 14(1).

Lindsay J, et al. (2026) Crosstalk with bone marrow adipocytes, but not osteoblasts, drives a cortical bone resorption phenotype in female mice with adult-onset deletion of the glucocorticoid receptor in Osterix-expressing cells. JBMR plus, 10(7), ziag090.

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.

Rivera-Caraballo KA, et al. (2026) Oncolytic HSV-1-Mediated JAG1 Blockade Induces Glioma Senescence-Associated Secretory Phenotype to Increase Macrophage Activation and Cetuximab-Mediated Senolysis. Cancer research, 86(5), 1232.

Dorn J, et al. (2025) Expression of the aryl hydrocarbon receptor in Osterix-lineage cells regulates adult skeletal homeostasis in a compartment-specific manner. JBMR plus, 9(6), ziaf067.

Yu K, et al. (2025) Inhibition of AhR improves cortical bone and skeletal muscle function via preservation of neuromuscular junctions. JCI insight, 10(16).

Chlebek C, et al. (2025) In C57Bl6 Mice, Obesity and Subsequent Weight Loss Negatively Affected the Skeleton and Shifted the Cortical Bone Metabolome. bioRxiv : the preprint server for biology.

Ono Y, et al. (2025) Adipocyte Leptin Signaling Regulates Glycemia and Cardiovascular Function via Enhancing Brown Adipose Tissue Thermogenesis in Obese Male Mice. bioRxiv : the preprint server for biology.