

Resource Summary Report

Generated by ASWG on Sep 18, 2026

Carleton University Tissue Engineering and Applied Materials Hub Core Facility

RRID:SCR_022968

Type: Tool

Proper Citation

Carleton University Tissue Engineering and Applied Materials Hub Core Facility
(RRID:SCR_022968)

Resource Information

URL: <https://teamhubottawa.com/>

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Description: Core research facilities include BioImaging Research Node which houses commercial and custom imaging systems and is focused on optical imaging; Tissue Engineering and Biomaterials Testing Research Node equipped with microfluidics 3D bioprinter and mechanical testers, which facilitate development of artificial 3D biological tissue models and biomechanical testing of different biomaterials and biomedical samples; Biochemistry and Molecular Biology Research Node which houses hypoxia chamber and systems for characterization and quantification of proteins, peptides, and nucleic acids; Cellular Biology Research Node to support development and use of 3D tissue models. It houses instruments including flow cytometer for phenotyping and performing functional testing of cells and bacteria, Seahorse Analyzer for evaluation of metabolic activity of cells, and Incucyte for live cell imaging of cells and tissues in culture.

Abbreviations: TEAM Hub

Synonyms: Tissue Engineering and Applied Materials (TEAM) Hub, Carleton University Tissue Engineering and Applied Materials (TEAM) Hub

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

Keywords: USEDit, ABRF, BioImaging Research Node, Tissue Engineering and Biomaterials Testing Research Node, Biochemistry and Molecular Biology Research Node, Cellular Biology Research Node

Resource Name: Carleton University Tissue Engineering and Applied Materials Hub Core Facility

Resource ID: SCR_022968

Alternate IDs: ABRF_1627

Alternate URLs: <https://coremarketplace.org/?FacilityID=1627&citation=1>

Record Creation Time: 20221116T050201+0000

Record Last Update: 20260912T200422+0000

Ratings and Alerts

No rating or validation information has been found for Carleton University Tissue Engineering and Applied Materials Hub Core Facility.

No alerts have been found for Carleton University Tissue Engineering and Applied Materials Hub 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 [ASWG](#) .

Kaianathbhatta A, et al. (2026) MitoTex (Mitochondria Texture Analysis User Interface): Open-Source Framework for Textural Characterization and Classification of Mitochondrial Structures. International journal of molecular sciences, 27(3).