## **Resource Summary Report**

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# 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/

**Proper Citation:** Carleton University Tissue Engineering and Applied Materials Hub Core Facility (RRID:SCR\_022968)

**Description:** Core research facilities include Biolmaging 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: service resource, access service resource, core facility

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

#### **Funding:**

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

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## 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 have not found any literature mentions for this resource.