

Resource Summary Report

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Cleveland Clinic Lerner Research Institute BioRobotics and Mechanical Testing Core Facility

RRID:SCR_026849

Type: Tool

Proper Citation

Cleveland Clinic Lerner Research Institute BioRobotics and Mechanical Testing Core Facility (RRID:SCR_026849)

Resource Information

URL: <https://www.lerner.ccf.org/cores/biorobotics/>

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Description: Core provides biomechanical testing of biological structures and biomaterials. Allows investigators to conduct research of mechanical properties of existing biological structures and constructs, as well as to quantify potential for new technologies and clinical advancements. Robotic simulators are built around the simVITRO software platform and are designed for in vitro simulation of major joints including knee, spine, foot, ankle, hip, shoulder, elbow, wrist and more. Provides testing capabilities for range of biomechanical modalities and will offer expert advice and support for development of new test protocols, innovative techniques for instrumentation and data collection. Modalities include tissues, joints, and multi-articular units, such as foot or spine segments.

Synonyms: BioRobotics and Mechanical Testing Core

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

Keywords: ABRF, biological structures and constructs, mechanical properties testing, robotic simulators,

Resource Name: Cleveland Clinic Lerner Research Institute BioRobotics and Mechanical Testing Core Facility

Resource ID: SCR_026849

Alternate IDs: ABRF_3212

Alternate URLs: https://coremarketplace.org/RRID:SCR_026849/?citation=1

Record Creation Time: 20250429T054934+0000

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Ratings and Alerts

No rating or validation information has been found for Cleveland Clinic Lerner Research Institute BioRobotics and Mechanical Testing Core Facility.

No alerts have been found for Cleveland Clinic Lerner Research Institute BioRobotics and Mechanical Testing Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.