

Resource Summary Report

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CHB Molecular and Cellular Biochemistry Core

RRID:SCR_009716

Type: Tool

Proper Citation

CHB Molecular and Cellular Biochemistry Core (RRID:SCR_009716)

Resource Information

URL: <http://harvard.eagle-i.net/i/00000130-0977-e10a-de5a-673e80000000>

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Description: Core facility that provides the following services: Lipoprotein analysis, Biliary lipid concentrations analysis, Biliary particle analysis, Quantitative real-time PCR, Sequential ultracentrifugation for lipoproteins, Radiolabeling of lipoproteins, Fluorescence labeling of lipoproteins, Purification of biliary lipid aggregates from model bile, Preparation of recombinant proteins, Protein identification from gel bands, Protein Identification from complex mixtures. The Molecular and Cellular Biochemistry Core is dedicated to providing HDHC investigators and their trainees with access to a variety of methods to determine the compositions of tissues, as well as their cellular and subcellular specimens. The Core Scientists offer a broad range of analyses and preparatory services including Proteomics. Importantly, the Core also provides training in the application of state-of-the-art techniques in molecular analysis of proteins, lipids and nucleic acids. The main Core laboratory is located at Brigham and Women's Hospital (BWH) and the satellite Core laboratory is located at Children's Hospital Boston (CHB). We perform a broad array of biochemical and analytical assays that are not typically available within laboratories of HDHC members. These have generally been adapted so that they may be performed in large numbers on microplates. These include quantification of lipids, mRNA and protein and a full array of mass spectroscopy services for protein analysis (and soon to be expanded for lipidomics). We also offer both analytical and preparatory separations by a variety of methods.

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

Keywords: material component separation, high performance liquid chromatography, real-time pcr, centrifugation, radiolabeling, immunofluorescence microscopy assay, purification, recombinant protein production, mass spectrometry assay, protein identification

Resource Name: CHB Molecular and Cellular Biochemistry Core

Resource ID: SCR_009716

Alternate IDs: nlx_156176

Alternate URLs: <http://www.hms.harvard.edu/hddc/services/proteomic/>

Record Creation Time: 20220129T080254+0000

Record Last Update: 20260905T133332+0000

Ratings and Alerts

No rating or validation information has been found for CHB Molecular and Cellular Biochemistry Core.

No alerts have been found for CHB Molecular and Cellular Biochemistry Core.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.