Resource Summary Report

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Hopkins Conte Digestive Diseases Basic and Translational Research Core Center Proteomics Core

RRID:SCR_015597
Type: Tool

Proper Citation

Hopkins Conte Digestive Diseases Basic and Translational Research Core Center Proteomics Core (RRID:SCR_015597)

Resource Information

URL: http://www.jhugicc.org/GIConteCenter/pages/cores/proteomicsCore.html

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Description: Core facility that uses mass spectrometry coupled to one (1D) and two (2D) dimensional separations by column chromatography or gel electrophoresis to identify, quantify or characterize proteins and their post-translational modifications, that are expressed in well characterized protein fractions from the small intestine, colon, kidney, liver and pancreas. Techniques such as difference gel electrophoresis (DIGE), isobaric tag for relative and absolute quantitation (iTRAQ), tandem mass tags (TMT) and stable isotope labeling of amino acids in cell culture (SILAC) as well as non-labeling methods (MudPIT, multi-dimensional protein identification technology) are available for quantifying relative differences in protein expression and post-translational modifications, such as acetylation, glycosylation, phosphorylation, nitrosation, ubiquitination and novel cleavage sites.

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

Keywords: proteomics, mass spectrometry, digestive disease, protein, HDDBTRCC

Related Condition: digestive disease

Funding: NIDDK P30 DK089502

Availability: Available to affiliated researchers, Available to John Hopkins University

Resource Name: Hopkins Conte Digestive Diseases Basic and Translational Research

Core Center Proteomics Core

Resource ID: SCR_015597

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Record Last Update: 20250409T061325+0000

Ratings and Alerts

No rating or validation information has been found for Hopkins Conte Digestive Diseases Basic and Translational Research Core Center Proteomics Core.

No alerts have been found for Hopkins Conte Digestive Diseases Basic and Translational Research Core Center Proteomics Core.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.