

Resource Summary Report

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USF Chemodiversity Laboratory

RRID:SCR_012262

Type: Tool

Proper Citation

USF Chemodiversity Laboratory (RRID:SCR_012262)

Resource Information

URL: <http://www.scienceexchange.com/facilities/chemodiversity-laboratory-cddi>

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Description: The chemodiversity core facility offers a library of natural product-derived crude extracts, fractions and pure compounds for screening. Gas chromatography high-resolution mass spectrometry (MS) analysis, liquid chromatography MS targeted separation and high throughput screening (targeting solid tumor cell lines, anti-microbial activity, permeability and drug solubility determination) are provided. The services also include general chromatography (MPLC, HPLC) and spectrometric characterization (UV, IR) as well as microbiology workspace (biosafety cabinets), synthesis activities and training. Our facility offers advanced instrumentation (GC/MS Q-TOF, IR, UV, MPLCs, HPLCs, liquid handling robots, biosafety cabinets, and other essential lab equipment), consultation and services for sample isolation and analysis, derivatization and scale-up. Sample preparation and safety training are also available for commercial and USF clients using our chromatographic and analytical instrumentation.

Abbreviations: USF Chemodiversity Laboratory

Synonyms: USF CDDI Chemodiversity Laboratory, University of South Florida Center for Drug Discovery and Innovation Chemodiversity Laboratory, USF Center for Drug Discovery and Innovation Chemodiversity Laboratory

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

Resource Name: USF Chemodiversity Laboratory

Resource ID: SCR_012262

Alternate IDs: SciEx_11112

Record Creation Time: 20220129T080309+0000

Record Last Update: 20260729T044303+0000

Ratings and Alerts

No rating or validation information has been found for USF Chemodiversity Laboratory.

No alerts have been found for USF Chemodiversity Laboratory.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.