



Available Libraries: What's Special and how to Choose

Moderator: Geoffrey Greene (UChicago)

Panel Members: Sergey Kozmin (UChicago), Brian Murphy (UIC), Karl Scheidt (NU)

Chemical compound collections:

NCC Set: The NIH Clinical Collection prepared by BioFocus DPI includes compounds currently in NIH clinical trials. Includes over 400 compounds.

Eric Weiss, Chi-Hao Luan <http://groups.molbiosci.northwestern.edu/hta/compound.htm>

Prestwick Chemical Library: 1200 FDA approved drugs.

Sam Bettis <http://igsb.org/services/csc/>

Kiira Ratia <http://www.rrc.uic.edu/hts>

<http://www.prestwickchemical.com/index.php?pa=26>

MicroSource Spectrum library: ~2,000 cpds - 50% known drugs, 30% natural products, 20% other bioactive compounds.

Sam Bettis, Geoffrey Greene <http://igsb.org/services/csc/>

Eric Weiss, Chi-Hao Luan <http://groups.molbiosci.northwestern.edu/hta/compound.htm>

<http://www.msdiscovery.com/spectrum.html>

CTCMLD collection: ~10,000 diverse compounds

Chicago Tri-Institutional Center for Chemical Methods and Library Development

Sergey Kozmin, Director <http://ctcmld.uchicago.edu>

Chembridge Express-Pick collection - 130,000 compounds from the MicroFormat library.

Chembridge DIVERSet Collections: 50,000 (UC) + 75,000 (UIC) compound collections

Sam Bettis, Geoffrey Greene <http://igsb.org/services/csc/>

Kiira Ratia <http://www.rrc.uic.edu/hts>

http://www.chembridge.com/screening_libraries/

ChemDiv Structural-Diversity Set: Includes 30,000 compounds of diverse chemical structure.

ChemBridge Drug-Like Set: The library includes 20,000 compounds of diverse chemical structure.

ASDI Library: 6800 compounds of diverse chemical structure.

Eric Weiss, Chi-Hao Luan <http://groups.molbiosci.northwestern.edu/hta/compound.htm>

Maybridge HitFinder Library (14,400 diverse, drug-like compounds)

Kiira Ratia <http://www.rrc.uic.edu/hts>

The NCI/DTP Open Chemical Repository: 3200 compounds.

Enzo Kinase Inhibitor Library: 80 compounds

Eric Weiss, Chi-Hao Luan <http://groups.molbiosci.northwestern.edu/hta/compound.htm>

Secondary metabolite fraction libraries. 271 aquatic actinomycete strains: 1,084 metabolite fractions. 651 cyanobacterial strains: 3069 metabolite fractions

Brian T. Murphy, Jimmy Orjala <http://uic.edu/~btmurphy/>

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