Metal Binders for Drug Discovery

Tech ID: 25091 / UC Case 2015-289-0

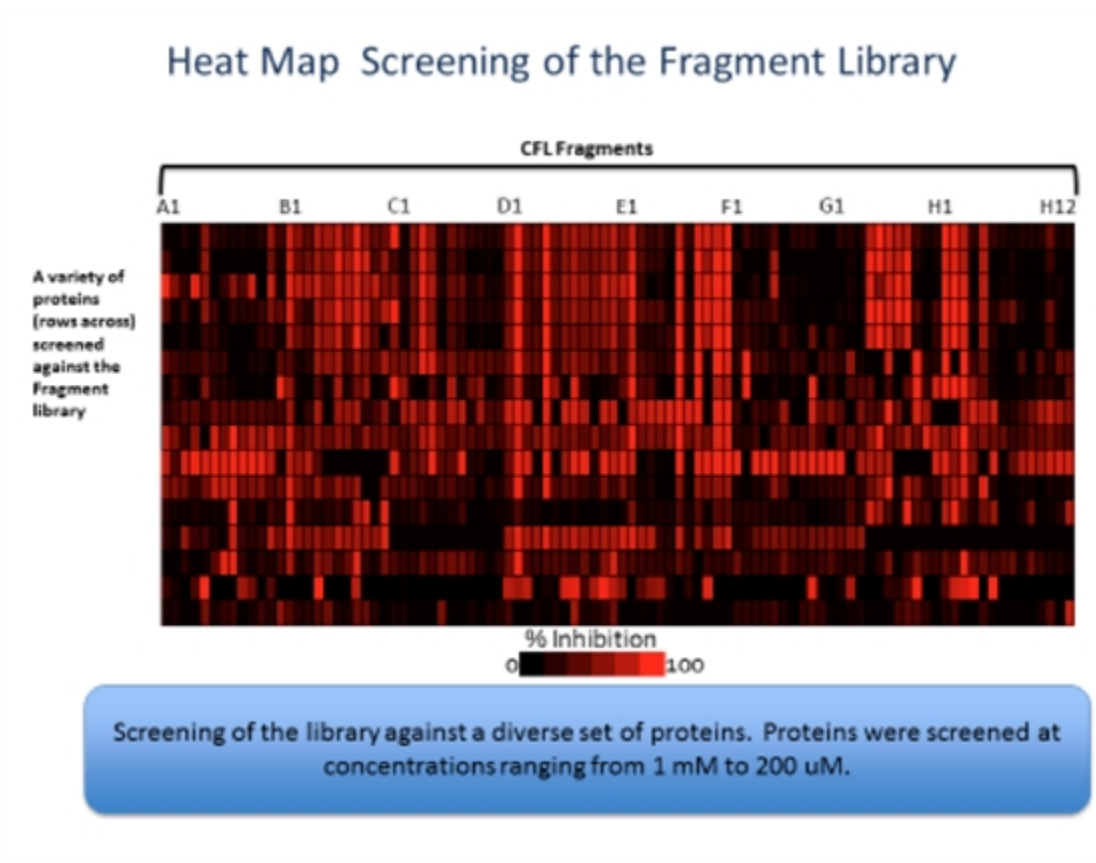
BACKGROUND

The use of compound or fragment libraries are being increasingly used in drug discovery as rational drug design has become more sophisticated and high throughput techniques have made screening these types of libraries faster and less labor intensive.

TECHNOLOGY DESCRIPTION

UCSD researchers have developed a focused library of small molecular pharmacophore fragments useful in drug discovery research. Comprising several hundred fragments focused around certain chemical motifs it provides another resource to investigate targets with affinity for a variety of metals.

SAMPLE DATA



Screening of the library against a diverse set of proteins. Proteins were screened at concentrations ranging from 1 mM to 200 uM.

INTELLECTUAL PROPERTY INFO

A provisional patent application has been authorized and is being prepared.

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OTHER INFORMATION

CATEGORIZED AS

- Medical
  - New Chemical Entities, Drug Leads
  - Research Tools

RELATED CASES

2015-289-0

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