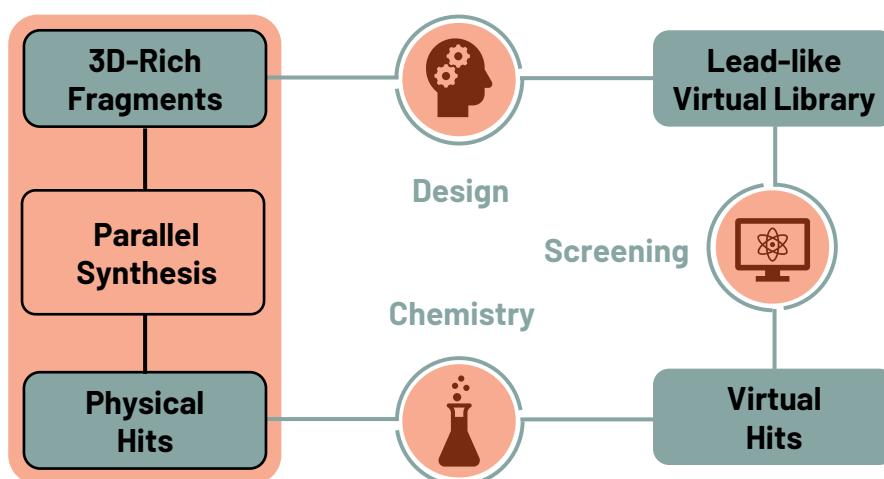




LCC'S MOLECULES OF THE MONTH

Parallel Synthesis to Support Virtual Screening: Virtual Hits to Physical Samples

As discussed in our Nov. 2020 Molecules of the Month, starting from LCC's proprietary 3D-rich fragments and working with one of the leaders in the cheminformatics field, the fragments have been enumerated to create a Ro4 **drug-like, novel, diverse, 3D-rich, and enantiomerically pure virtual library**, available for virtual screening. In order to allow researchers to **take full advantage of this >5M lead-like virtual library** (i.e. quickly accessing the physical hits after virtual screening), LCC is now opening a **parallel synthesis laboratory** at its UK site.⁽¹⁾



Understanding the challenges of modern day drug discovery, LCC put together its parallel synthesis group, whose aim is to make sure that their collaborators can access the physical samples of their virtual hits with a **high success rate** (>90%).

The lead-like library is part of **LCC's private chemical space** and only available to selected clients under CDA. To explore the library's full range of properties, access it, and benefit from the parallel synthesis group, please contact us at sales@liverpoolchirochem.com.

⁽¹⁾ The parallel synthesis laboratory is currently being installed, full operation will start in March/April 2021.