

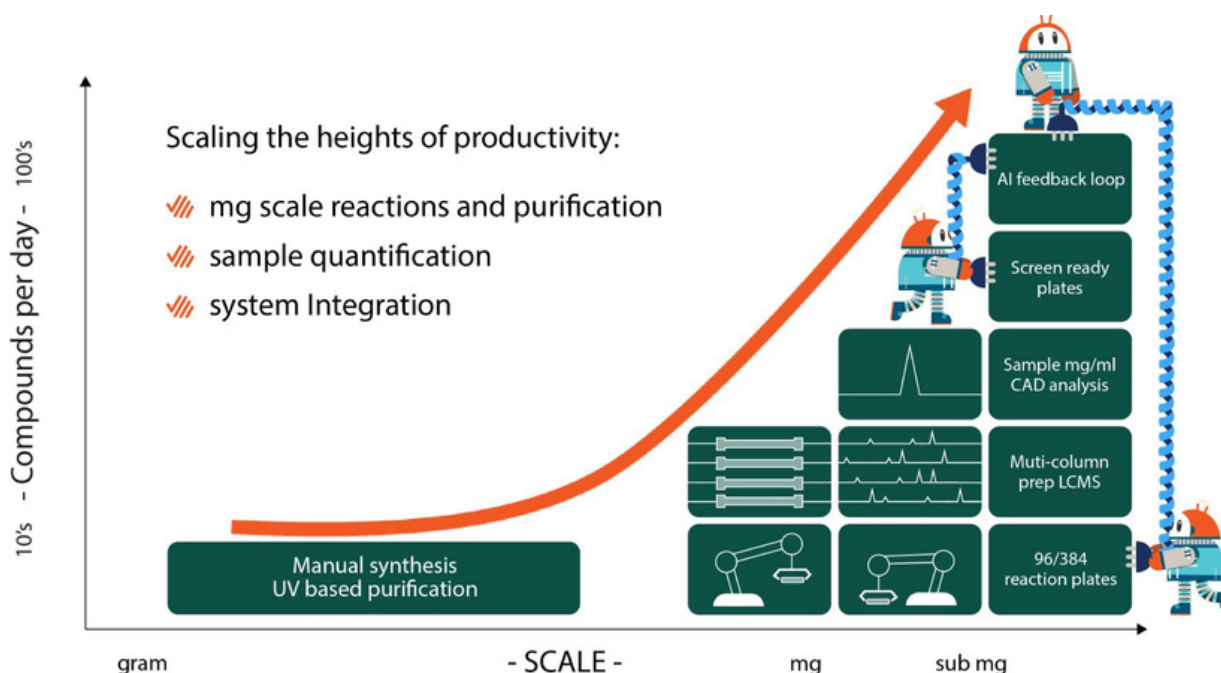


LCC'S MOLECULES OF THE MONTH

High-Throughput Purification in Drug Discovery: Scaling New Heights of Productivity

M. Jones and R. L. Goodyear, ACS Medicinal Chemistry Letters, 2023.

With the “low hanging fruit” of early drug discovery gone, pharmaceutical companies are increasingly turning to developing high-throughput synthetic platforms capable of greatly **shortening the design–make–test cycle of new drugs**. Purification has long been considered the bottleneck of this procedure; however, new technologies and systems are now being integrated into these high-throughput synthetic workflows, providing compounds of **high purity capable of being used directly in biological screening**.



LCC's Parallel Synthesis team have built a parallel synthesis laboratory **capable of synthesising thousands of compounds per month**. Co-located with LCC's novel, chiral building blocks, this is the perfect combination for producing **high-quality, ready-to-use compound libraries**.

To find out more about LCC's parallel synthesis laboratory, **please get in touch!**

