

## Cresset and Liverpool ChiroChem announce collaboration to curate cost effective, novel and highly diverse compound libraries

Cambridge, UK – 20<sup>th</sup> November 2019 – [Cresset](#), provider of software and contract research services for small molecule drug discovery, and [Liverpool ChiroChem](#), (LCC) a chemical technology innovator that produces chiral small molecules for biotech and pharmaceutical R&D, announce a collaboration to design novel compound libraries with the maximum pharmacological diversity within the smallest library size.

Excellent library design is the key to efficient drug discovery. Cresset and LCC bring together years of expertise in library design from different ends of the spectrum. LCC is a leading provider of novel libraries for drug discovery. They have extensive experience in the design and synthesis of novel [building blocks, scaffolds](#) and [fragment libraries](#). Cresset computational methods, combined with the extensive experience of [Cresset Discovery Services](#) consultants, have proven to be excellent tools for diverse and targeted library design. Together, their complementary technologies will create cost effective libraries that ‘escape’ from traditional flat aromatic type compounds in order to gain enhanced freedom to operate.

“This is an exciting opportunity to combine two leaders in chemistry,” says Cresset CEO, Dr Robert Scoffin. ‘Combining the *in silico* expertise of Cresset with the leading chemical technology of LCC enables us to design and deliver truly novel structures with excellent properties and a high degree of freedom to operate.’

“After extensive market research, engaging with thought leaders of the medicinal chemistry community, it’s clear that Cresset are recognized as the gold standard in computational chemistry,” commented LCC CEO, Dr Paul Colbon. “Working with Cresset will bring the quality of our library design processes to a whole new level and will ensure that the diversity libraries and focused libraries will be truly fit for purpose;

maximizing customers' efforts in chemical space exploration within challenging biological targets and the new modalities of 21<sup>st</sup> century NCE discovery.”



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### **About Cresset**

Chemists in the world's leading research organizations use Cresset software and contract research services to discover, design and optimize the best small molecules. Our patented software and expert scientists offer unrivalled insight into protein-ligand systems, enabling chemists to accelerate their research in industry sectors including: pharmaceuticals, agrochemicals, fine chemicals and flavors and fragrances. [www.cresset-group.com](http://www.cresset-group.com)

### **About Cresset Discovery Services**

Cresset Discovery Services manages and delivers outsourced computational chemistry programs. Experienced scientists work alongside your chemists to solve problems, provide fresh ideas, remove roadblocks and add direction and insight. Cresset Discovery Services helps their customers reach their milestones faster and more cost effectively. [www.cresset-group.com/discovery-services](http://www.cresset-group.com/discovery-services)

### **About Liverpool ChiroChem**

LCC is a chemical technology innovator that produces chiral small molecules for biotech/pharmaceutical R&D. Our specialist products can be used as building blocks, fragments and screening compounds to enable small molecule drug discovery. Our chemical technologies provide efficient access to novel chiral building blocks to allow facile access to new chemical space for hit identification and desirable pharmacokinetic properties for effective lead optimisation. Our proprietary products are ideally suited for DNA-encoded library synthesis and fragment-based lead discovery, which many medicinal chemists consider to be the two leading areas of modern-day drug discovery. <https://www.liverpoolchirochem.com/>