

“Strategies for high throughput ligand screening in automated co-crystallisation and soaking”

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“Obtaining structures of medically relevant proteins in complex with compounds is one of the key contributions of structural biology to the early stages of drug discovery such as lead identification and optimisation. Typically an automated and systematic approach to both screening initial libraries and iterative analysis of binding mode is required as a large number of experiments need to be carried out by relatively small teams. Here we will review real world examples of how the mosquito® system from TTP Labtech has been employed successfully over many years in novel ways to tackle these challenges and provide increased work rates to combat increasing workloads.”