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THIRD INTERNATIONAL SYMPOSIUM
ON C-H ACTIVATION

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**IL05 – Chemical Space Exploration with C-H Functionalization
and Other Technologies**

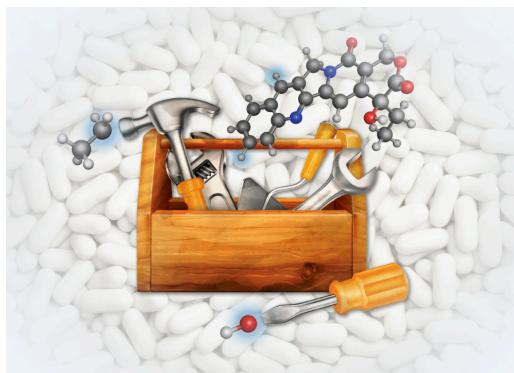
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C–H functionalization is a powerful addition to the toolbox of the medicinal chemist. Modern C–H functionalization techniques hold the potential to enable the rapid exploration of structure activity relationships (SAR), the generation of oxidized metabolites, the blocking of metabolic hot spots and the preparation of biological probes. This presentation will describe a variety of high-value C–H functionalization chemistries and other enabling capabilities, and give examples of how these technologies have been deployed successfully to impact drug discovery programs.



References

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2. A. Buitrago Santanilla, E. L. Regalado, T. Pereira, K. Bateman, L.-C. Campeau, S. Berrett, Y. Liu, M. Shevlin, Z.-C. Shi, J. Schneeweis, C. J. Welch, R. Helmy, P. Vachal, I. Davies, T. Cernak* and S. Dreher*. “Nanomolar-Scale High-Throughput Chemistry for the Synthesis of Complex Molecules”, *Science*, **2015**, 347(6217), 49-53.
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