

The Importance of “Fit for Purpose” Enabling Chemistry Technology in Pharmaceutical Research

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The timely introduction of new enabling chemistry technology can provide vital assistance in reducing cycle times and overall cost of goods for Pharmaceutical Drug Discovery programs. In this talk, we will describe the design and implementation of several new technology platforms including integrated synthesis-purification-bioassay platforms, flow photochemistry and electrochemistry platforms (implemented many years before these technologies became "mainstream") and some High Throughput Experimentation efforts including the introduction of "Chem Bead" technology. It is important to note that these technology innovations must be "fit for purpose" i.e suited for a particular company's needs. What is optimal for one company may not be a good fit for another.