## From Batch to Flow Chemistry: Practical considerations

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The development of flow reactors has attracted increased interest due to their ability to react often hazardous chemicals in a safer manner and in higher yield when compared to performing the same reactions in batch reactors. This presentation will focus on the benefits that can be generated when applying flow chemistry techniques to dangerous or difficult reactions that are typically avoided in batch. Using chemistry comparative examples between batch and flow reactors, the presentation will cover topics such as selectivity, optimization, temperature control, solubility, automation, and scalability. The chemistry featured will include examples from hydrogenation, carbonylation, ozonolysis, supercritical chemistry and deuteration.