

**Application of Innovative Technologies to Advance the Development of Novel
Pharmaceutics**

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At Amgen our mission is to serve patients by delivering our medicines to “every patient, every study, every time”. The evolving expectations on the Pharmaceutical Industry in commercialization of New Chemical Entities has required the rapid evolution of innovative technologies leading to a transformation in the way we think about process chemistry. This presentation will discuss the challenges and opportunities associated with achieving stereochemical control in complex molecules through the application of process optimization, reaction development, and catalyst design. By harnessing leading edge strategies such as flow chemistry, catalysis, green chemistry principles and automation the synthesis of diverse and complex molecule structures has become more efficient, sustainable, and cost effective enabling us to support our mission to serve our patients.