



## Pharmaceutical Continuous Manufacturing: Then and Now

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submissions:

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### Message from the Guest Editor

Dear Colleagues,

The pharmaceutical industry is constantly evolving towards more effective and personalized therapies. This industry has tended to innovate slower than other chemical industries, and therefore many of the technologies still operate with conventional batch processes. To remain competitive in the efficiency and constant quality of active pharmaceutical ingredients and end-products, further research is needed on flow manufacturing processes. This Special Issue aims to highlight new research approaches and recent advances in continuous unit operations or in the development of end-to-end systems. Thus, we are pleased to invite you to submit articles covering the different aspects of pharmaceutical continuous manufacturing: synthesis in flow, mixing, powder blending, crystallization, purification (distillation, extraction, washing, etc.), filtration, drying (spray drying, freeze drying, etc.), shaping (milling, granulation, tableting, etc.), on-line control technologies, optimization and modelling of processes, supply chain, etc.

Dr. Mallorie Tourbin

*Guest Editor*





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## Message from the Editor-in-Chief

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