



International Alliance for
Biological Standardization

12th Annual Statistics Workshop: From Data to Patients – CMC Statisticians' Contributions to Quality, Safety, and Efficacy of Pharmaceutical Products

**October 20-22, 2026
Rockville, U.S.A.**

Automating CMC Analytic Workflows with JMP – Jeff Upton, JMP

As pharmaceutical organizations continue to generate larger and more complex datasets, statisticians are increasingly challenged to deliver timely, consistent, and defensible analyses across the CMC lifecycle. This workshop explores how JMP supports the automation and standardization of analytic workflows, enabling teams to move beyond ad hoc analyses toward scalable, repeatable decision-making processes. Attendees will see examples of how interactive workflow building, reusable scripts, and automated reporting can reduce manual effort while improving analytical consistency. The session also highlights JMP's quality-focused capabilities, including process monitoring, statistical process control, capability analysis, root-cause investigation, and multivariate visualization. Practical examples will illustrate how these tools can be combined into end-to-end workflows that support development, technology transfer, validation, and commercial manufacturing. Particular emphasis will be placed on enabling collaboration between statisticians, process scientists, engineers, and quality organizations through transparent and reproducible analyses. Attendees will leave with ideas for applying workflow automation and quality analytics to accelerate CMC decision-making while maintaining the rigor expected in regulated pharmaceutical environments.

Also, two quick questions for you to help us better coordinate support for the event. I've cc'd Laura as she is helping out here. Thanks in advance for any answers you can provide.

- What will the exhibit table space look like? i.e. will we have enough room for a computer and monitor?

Is approval needed for any promotional materials or giveaways prior to the event?

