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Bioanalytical Perspectives on Microsampling
Presented by Jason Watts, PhD

Microsampling enables increased sampling frequency for animal and human studies and decreases barriers to clinical trial enrollment. These benefits lead to larger and more inclusive datasets, but bioanalysis of microsamples does come with unique challenges. Here we: discuss the use of automated pipetter robots to improve workflows for dried blood spot analysis, demonstrate the applicability of dried matrix spots for analysis of non-invasive matrices using the example of Tobramycin in human tears, and discuss practical aspects of Bioanalysis using volumetric absorptive microsampling.

Learning Objectives:
- Understand the benefits and techniques of microsampling.
- Explore current and emerging technologies for bioanalysis of microsamples.
- Discuss practical considerations for bioanalysis of microsamples.