

**Workshop Report:
2015 ASMS Conference Pharmaceutical Interest Group Workshop:**

MS Analysis of Antibody-Drug Conjugates

Organizers

Shawna Hengel, Seattle Genetics

Christine Gu, Genentech

Panelists

Matt Schenauer, Gilead Sciences

Eoin Cosgrave, Seattle Genetics

Lucy Pan, Seattle Genetics

Tony Bristow, AstraZeneca

Tuesday, June ^{2nd} 5:45-7 pm

Approximately 200 – 300 people were in attendance. Similar to the previous two years, there was a lot of general interest in the subject.

There was a lively and audience lead discussion of ADC analysis/characterization using mass spectrometry that easily went the full allotted time of the workshops. Many of the audience questions were fundamental questions on how to begin to analyze the new class of molecules. Questions ranged from product characterization to bioanalysis, and most were at a fundamental level. Due to this, and the other workshops focused on bioanalysis of ADCs and characterization of biologicals, moving forward the workshop organizers may want to consider combining the two ADC sessions.

This year, in order to increase time for audience interaction with the panelists we decided to go without a moderator introduction and had a < 5 min introduction by Shawna Hengel on ADC structural background and then immediately went into questions from the audience.

Moving forward for 2016, if a similar workshop is planned, we would attempt to focus the discussion on full ADC characterization, and will range from challenging research areas to applied pharmaceutical practice.