

The Clinical Chemistry Interest Group held a workshop on Monday June 5th on the topic Clinical Diagnostics: Translating New Mass Spectrometry Approaches. There were approximately 180 people in attendance. The meeting was opened by Tim Garrett with an introduction to the interest group and suggestions for topics for the next ASMS. He then introduced the workshop with a brief 2-3 min presentation on the topic and the workshop format.

In order to have ample time for discussion, the workshop consisted of two 5-10 minute presentations about new mass spectrometry technology and the advantages and challenges of translating it to the clinical diagnostics followed by discussion after each speaker. Alan Rockwood of ARUP was the first speaker and he discussed ion mobility with a brief introduction on the different ion mobility approaches, the advantages of this approach for clinical assays and the challenges encountered. Discussion was very lively hitting on many points related to the technology and its implementation with a keen interest on ways to implement it.

The second speaker was Livia Eberlin of the University of Texas. She discussed ambient ionization approaches and the advantages and challenges of translating them to surgical diagnostics. Again, the discussion was very good with multiple questions about the technique and how it could be used clinically.

The meeting adjourned at 7pm.

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