

MOBILion Systems Rolls Out Red Carpet for MOBIE® at Hometown American Society for Mass Spectrometry Event

Nov. 2, 2021 by Lucy Shaw

[MOBILion Systems Inc.](#) will showcase its first commercial High-Resolution Ion Mobility (HRIM) product, MOBIE®, at the 69th Annual American Society for Mass Spectrometry (ASMS) conference. Taking place from October 31 to November 4, the conference is the first in-person ASMS since 2019, and is being held in MOBILion's backyard – Philadelphia, PA.

MOBIE, launched in June 2021, addresses characterization challenges faced during biopharmaceutical drug development and quality monitoring, and is based upon SLIM (Structures for Lossless Ion Manipulation) technology originally invented by Dr. Richard D. Smith at Pacific Northwest National Laboratory (PNNL). Dr. Smith was recently named as one of the world's most influential analytical scientists on [The Analytical Scientist's 2021 Power List](#).

ASMS will provide the first chance for many mass spectrometry scientists to meet the MOBILion team and to see the instrument up close and personal. There will be plenty of opportunities for conference attendees (both in person and virtual) to interact with MOBILion and learn more about this highly anticipated new technology and the team that developed it. MOBILion has 17 presentations showcasing SLIM-based research (three orals and 14 posters), as well as several workshops for in-person attendees.

- **Sunday, October 31:** The red-carpet event: MOBILion kicks off its ASMS presence with a product launch and networking event at Philadelphia's premier independent music venue, World Café Live, with presentations from industry leaders and MOBILion collaborators.
- **Monday, November 1:** MOBILion's Vice President of Research and Development, Daniel DeBord, will be discussing the many applications of SLIM technology for Ion Mobility Mass Spectrometry analysis during the ASMS oral poster sessions. There will also be six poster presentations from MOBILion's collaborators.
- **Tuesday, November 2:** Professor John McLean, from Vanderbilt University, will be speaking on Refining the Landscape of Lipidomics with High Resolution Ion Mobility (SLIM) – Mass Spectrometry during ASMS, and Jody May, also from Vanderbilt University, will be presenting at Agilent Technologies' [ion mobility workshop](#) on how next-generation HRIM techniques can facilitate the

broadscale analyses of complex samples.

- **Wednesday, November 3:** MOBILion will host a breakfast seminar highlighting HRIM-MS enabled workflows for biopharmaceutical characterization. Attendees can hear from the authors of one oral and three poster presentations on this day.
- **Thursday, November 4:** Three of MOBILion's collaborators will present posters on SLIM-based research. Attendees can also view the company's corporate poster on display at the event.

The full schedule can be [viewed here](#). Virtual attendees will be able to tune into the oral and poster presentations via the ASMS portal, and MOBILion's own virtual platform.

Dr. Melissa Sherman, CEO, MOBILion Systems, commented: "We are excited to be welcoming ASMS attendees to our hometown of Philadelphia. This is the moment we have been waiting for and we are looking forward to celebrating with everyone at our launch event! In 2017, when MOBILion was founded, we set ASMS 2021 in Philadelphia as our target launch date. This marks the culmination of four years of hard work, built upon the foundation of Dr. Richard Smith's innovation, and is a testament to our team's perseverance and dedication to accomplishing a goal. We are thrilled to be able to show industry thought leaders the impact MOBIE can have to better characterize complex therapeutics and bring drugs to market faster. ASMS is the premier venue to demonstrate to researchers how game-changing separation science and resulting products can address characterization challenges and change the paradigm of high-resolution separations."

For more information about MOBILion Systems at ASMS 2021 and to register for the workshops and seminars, please visit

<https://mobilionsystems.com/event/69th-asms-conference-on-mass-spectrometry-and-allied-topics/>.