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Ab Sciex launches MS solutions for advanced research

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Singapore: Ab Sciex, a global leader in analytical technologies, has unveiled three new solutions for biological researchers to improve identification and quantitation of proteins, peptides, metabolites and lipids. The company extended the applicability of SelexION Technology, Swath Acquisition and ProteinPilot Software for academic research in the field of systems biology.

The launch of SelexION Technology on the TripleTOF 5600+ System provides more confident identification and quantitation of molecules by delivering an additional level of separation between the liquid chromatography (LC) system and the mass spectrometer.

This separation can be applied at the molecular level, the biological sub-class level or for the general removal of background interferences. The addition of SelexION Technology on the high-performing accurate mass-based system with high sensitivity and high resolution extends mass spectrometry performance with differential ion mobility, which enables a new dimension of separation and selectivity.

Next-generation SWATH Acquisition improves data scoring and filtering with support for variable window acquisition, up to 5x speed and scale improvement and enhanced tools for visualization and transfer of complex data sets.

"We continue to evolve our innovations to broaden their usefulness with additional features and functionality that provide greater confidence in results," said Mr Dave Hicks, VP and GM of the Pharma and Academic Business at Ab Sciex. "The development of these expanded versions of SWATH and SelexION are the direct result of feedback we received from customers who saw the potential to apply these breakthrough technologies to a wider range of analytical challenges."