MediaRoom

New Single Quadrupole Mass Spectrometer and Specialized Columns Designed to Deliver Reproducible and Robust Separations, Increase Analytical Accuracy

Prague, CZECH REPUBLIC – HPLC 2017 – (June 19, 2017) – Thermo Fisher Scientific Inc., the world leader in serving science, today announced new technologies that are designed to allow analytical chemists to obtain high-resolution separations with outstanding sensitivity and reproducibility. Visitors can learn about these and other innovations during HPLC 2017 - The 46th International Symposium on High Performance Liquid Phase Separations and Related Techniques, booth P2 from June 18-22, at the Prague Congress Centre.

“Our customers want gain a deeper understanding of their samples,” said Mitch Kennedy, vice president and general manager, life sciences business, chromatography and mass spectrometry, Thermo Fisher. “This week at HPLC, we will demonstrate to customers our commitment to innovation and to equipping them with the necessary tools to make their journey from sample to knowledge easier so they can solve their most complex analytical challenges.”

The new **Thermo Scientific ISQ EC Single Quadrupole mass spectrometer** seamlessly integrates with an existing ion chromatography (IC) or high performance liquid chromatography (HPLC) system and provides excellent small molecule sensitivity and mass confirmation for users. The industry-leading Chromeleon Chromatography Data Software (CDS) platform has embedded ISQ EC MS instrument control, which enables users to minimize time spent on new mass spectrometry (MS) user training. The instrument also provides exceptional robustness, enabling users to analyze a range of simple and complex sample matrices.

Also launching at the show is the new range of **Thermo Scientific MAbPac RP 1mm columns**, which are designed to provide the resolution and ruggedness required for high-performance, reversed-phase chromatography characterization of monoclonal antibodies, fragments, variants, antibody drug conjugates and proteins. With a 1mm inner diameter, the new columns provide sensitive analyses of very small sample volumes at low flow rates for direct injection into the LC-MS, thus streamlining workflows and achieving high sensitivity. Featuring a polymeric resin with an optimized pore size and thermal and pH stability, the new columns allow consistent and efficient separations with low carry-over.

In addition to the new products on display, Thermo Fisher will host scientific presentations with industry and company experts to highlight the latest developments in chromatography and mass spectrometry. Workshop highlights include:

- **Intact Protein Analysis of Biopharmaceuticals**, Monday, 19 June, 12:45-13:45 p.m., room C60. Presented by Ken Cook, Thermo Fisher, and Jonathan Bones, National Institute for Bioprocessing Research and Training (NIBRT), this seminar will explore the latest chromatographic workflows for fast and reproducible characterization of biotherapeutic proteins

- **Enhancements for Improved Routine Impurity Analysis,** Tuesday, 20 June, 12:45-13:45 p.m., room E170. Presented by Rainer Bauder, Thermo Fisher, this workshop will look at solutions for efficient, sensitive and reproducible impurity analysis.

For more information, please visit thermofisher.com/hplc2017.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. is the world leader in serving science, with revenues of $18 billion and more than 55,000 employees globally. Our mission is to enable our customers to make the world healthier, cleaner and safer. We help our customers accelerate life sciences research, solve complex analytical challenges, improve patient diagnostics and increase laboratory productivity. Through our premier brands – Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific and Unity Lab Services – we offer an unmatched combination of innovative technologies, purchasing convenience and comprehensive support. For more information, please visit www.thermofisher.com.

###

For further information: Laura Bright, Thermo Fisher Scientific, +1 562-335-8318, laura.bright@thermofisher.com; Neha Karl, BioStrata, +44 (0) 1223 253787, nkarl@biostratamarketing.com

Additional assets available online: Photos (1)

http://thermofisher.mediaroom.com/New-Single-Quadrupole-Mass-Spectrometer-and-Specialized-Columns-Designed-to-Deliver-Reproducible-and-Robust-Separations-Increase-Analytical-Accuracy