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Agilent Technologies inks pact with University of Toronto

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Agilent Technologies has announced a collaboration with the University of Toronto's Donnelly Center for Cellular and Biomolecular Research to produce a comprehensive metabolomics multiple-reaction monitoring (MRM) library and methodology, using Agilent's Infinity 1290 UHPLC and 6460 triple quadrupole mass spectrometry system.

"We are impressed with Agilent's mass spectrometry instruments and software solutions. We look forward to working together to enable use of LC-MS metabolomics by a larger scientific audience," said Professor Adam Rosebrock, who is collaborating on this project with Dr Amy Caudy, both principal investigators from the Donnelly Center.

The library, coupled with Agilent's MassHunter software, will provide scientists with a robust LC/MS solution to accelerate the quantification of hundreds of metabolically important compounds for cell biology and disease research.

"Routine metabolite quantification is an essential component for building a better understanding of how diseases such as cancer and diabetes modify metabolic pathways. We are honored to work with Dr Rosebrock and Dr Caudy to bring this powerful solution to the scientific community and help advance research efforts in the area of quantitative metabolite measurement," said Mr Steve Fischer, market director for Agilent's Life Science Research Division.

This new metabolomics MRM library will be added to Agilent's existing collection of MRM libraries, which address a variety of applications including pesticides, veterinary drugs, forensics, and toxicology.

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