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LC/MS to UHPLC/MS method transfer: Tips and tricks

Method transfer from conventional LC/MS to UHPLC/MS seems to be straightforward and simple. Reality however, may be different. Hardware design of LC, UPLC and mass spectrometer, method throughput and assay ruggedness, - these factors may have a critical impact on method transfer. Certain case studies will be presented and critical aspects and typical issues of LC/MS to UHPLC/MS method transfer will be discussed.

Biography

Eduard Rogatsky has completed his MSc in Physical Chemistry at Belarus State University in 1990, PhD in Bioanalytical Chemistry from Bar-Ilan University, Israel in 1998. At the end of 1999, he started his Post-doctorate at Albert Einstein College of Medicine and became a Faculty Member in 2001 and was a Mass Spectrometry Director at the Biomarker Analytical Resource Core. He is a Supervisor of the Chemical Threat Laboratory in the Division of Environmental Health Sciences at Wadsworth Center, Albany NY, USA. He serves as the Editor-in-Chief for the *Journal of Chromatography and Separation Techniques* (OMICS publishing group). He has published over 30 scientific papers in peer-reviewed journals (mostly as the first author) and has presented over 50 posters and lectures. Overall, he has made more than a 100 scientific presentations and publications.

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