

6th International Conference and Exhibition on **Analytical & Bioanalytical Techniques**

September 01-03, 2015 Valencia, Spain



Eduard Rogatsky

Yeshiva University, USA

LC/MS method transfer surprises and troubleshooting

Different chromatographic and mass spectrometry instrumentations are used in modern bioanalytical laboratories. We noticed that transfer of existent liquid chromatography-mass spectrometry method from one LC/MS system to another is not a simple task. In addition, even adoption of an already published and well validated method is not as straightforward as one would expect. On real world examples, we will discuss instrument-dependent, sample-dependent, and method-dependent variability and implications. To solve these issues, it requires detailed understanding of the method, hardware, assay parameters and analyte nature.

Biography

Eduard Rogatsky is a senior faculty member at Albert Einstein College of Medicine (Bronx, NY). He is also the Director of mass spectrometry at the Biomarker Analytical Resource Core as part of the Harold and Muriel Block Institute for Clinical and Translational Research at Albert Einstein and Montefiore medical centers. He has been in the field of chromatography for more than 20 years and has 14 years of experience in clinical mass spectrometry. Currently, he serves as the Editor-in-Chief for the *Journal of Chromatography and Separation Techniques* (OMICS Publishing Group). During the last 10 years (from 2005), 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 hundred scientific presentations and publications. He completed his MSc in Physical Chemistry at Belarus State University (former USSR) in 1990. He completed his PhD in Bioanalytical Chemistry (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. Presently, he holds the title of Research Associate Professor of Medicine.

eduard.rogatsky@einstein.yu.edu