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The importance of experimental design and QC samples in large-scale and MS-driven untargeted metabolomic studies of humans

DOI: 10.4155/bio.12.204  
Bioanalysis, 2012, 4, 2249-64.

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**Version:** 2024-04-17

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356	<sup>1</sup> H NMR derived metabolomic profile of neonatal asphyxia in umbilical cord serum: implications for hypoxic ischemic encephalopathy. <b>2013</b> , 12, 4230-9		46
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68	Co-extraction for Metabolomics and Proteomics from a Single CSF Sample. <b>2019</b> , 2044, 337-342		2
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66	CHAPTER 8:CE-MS for Metabolomics: A Comparison with Other Techniques. <b>2018</b> , 161-183		1
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62	Untargeted Mass Spectrometry Lipidomics identifies correlation between serum sphingomyelins and plasma cholesterol. <b>2019</b> , 18, 38		12
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52	An untargeted metabolomics strategy to measure differences in metabolite uptake and excretion by mammalian cell lines.		1
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12	Data Processing and Analysis in Liquid ChromatographyMass Spectrometry-Based Targeted Metabolomics. <b>2023</b> , 241-255	0
11	Effects of Amphetamine-Type Stimulants on the Metabolome. <b>2022</b> , 2269-2336	0
10	Differentiation of Geographical Origin of White and Brown Rice Samples Using NMR Spectroscopy Coupled with Machine Learning Techniques. <b>2022</b> , 12, 1012	0
9	An anchored experimental design and meta-analysis approach to address batch effects in large-scale metabolomics. 9,	0
8	Normalization Approach by a Reference Material to Improve LCMS-Based Metabolomic Data Comparability of Multibatch Samples.	0
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