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# Metabolomics Data Processing and Data Analysis—Current Best Practices

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Deadline for manuscript submissions: closed (31 May 2019)

### Message from the Guest Editors

Metabolomics data-analytical approaches are developing with accelerating speed. alongside technical improvements in the instrumentation used in the field. This Special Issue is devoted to reviewing the current practical aspects of metabolomic data-analytical workflows, starting from the data collection all the way to the presentation of publication-ready metabolomics results, to serve as a tutorial on the current best practices. We therefore invite review and viewpoint manuscripts devoted to various aspect within non-targeted metabolite profiling dataanalysis with a specific emphasis on peak picking, data preprocessing (e.g., normalization, scaling, imputation), metabolite annotation and identification, as well as visualization practices. Finally, we also invite manuscripts with innovative and integrative solutions towards peak picking and metabolite annotations-which may well become "current practices" in the near future.

Dr. Kati Hanhineva Dr. Justin van der Hooft *Guest Editors* 



**Special**sue





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# **Editor-in-Chief**

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### Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies shown utility for elucidating have mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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