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THE ANALYTICAL PROCESS TO SEARCH FOR METABOLOMICS BIOMARKERS

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Highlights

- The need to provide the necessary information in a given publication is emphasized.
- The inclusion of metadata can be the key for reproducing or improving a given method.
- Appropriate implementation of biomarkers requires complete and clear information.
- Clinical adoption of biomarkers is supported on the proper method of analysis.

ABSTRACT

The scant number of available metabolomics biomarkers does not reflect the extent of the research in this field. Looking for the reasons of failure, the authors, as analytical chemists, critically discuss each of the steps in the analytical process that requires improvements. They find insufficient information about how the experimental part is developed. After revising the steps from sampling to obtainment of the analytical sample

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