

# Multiomics data analysis

Simplify your omics research

biocrates.com





Customized data integration



Data analysis & interpretation



Short turnaround times



Clear and detailed reports

### Multiomics data analysis

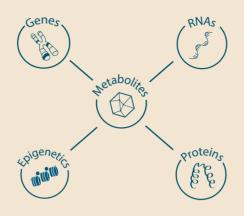
Metabolomics connects omics



#### Focus on what matters

Metabolites are master regulators of biology. Their influence spans every molecular process, for example

- amino acids, bile acids, fatty acids, and many more metabolites interact with transcription and translation factors;
- methylation, acetylation, lactoylation, hypusination and other processes rely on metabolites as donors and regulators.



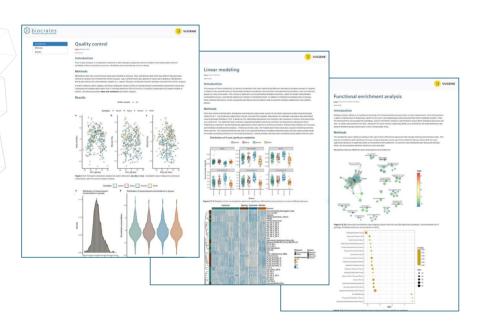
### Maximize the impact

Metabolomics is the most comprehensive indicator of the combined influences of genetics and the exposome.

This unique measure of static and dynamic effects provides actionable insights to

- ► identify biomarkers
- ▶ understand complex mechanisms
- ► advance drug development
- ► accelerate precision medicine

## Expert analysis of complex datasets



Bioinformatics experts design the optimal action plan to integrate your omic datasets, covering

- ► metabolomics
- ► whole-genome sequencing
- ▶ whole-exome sequencing
- ► nanopore sequencing
- ► whole-genome bisulfite sequencing
- ► DNA methylation arrays
- ► ATAC-sequencing
- ▶ bulk RNA sequencing
- ► single-cell RNA sequencing
- ► DNA-protein interaction

Don't see your omic platform here? Contact us

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