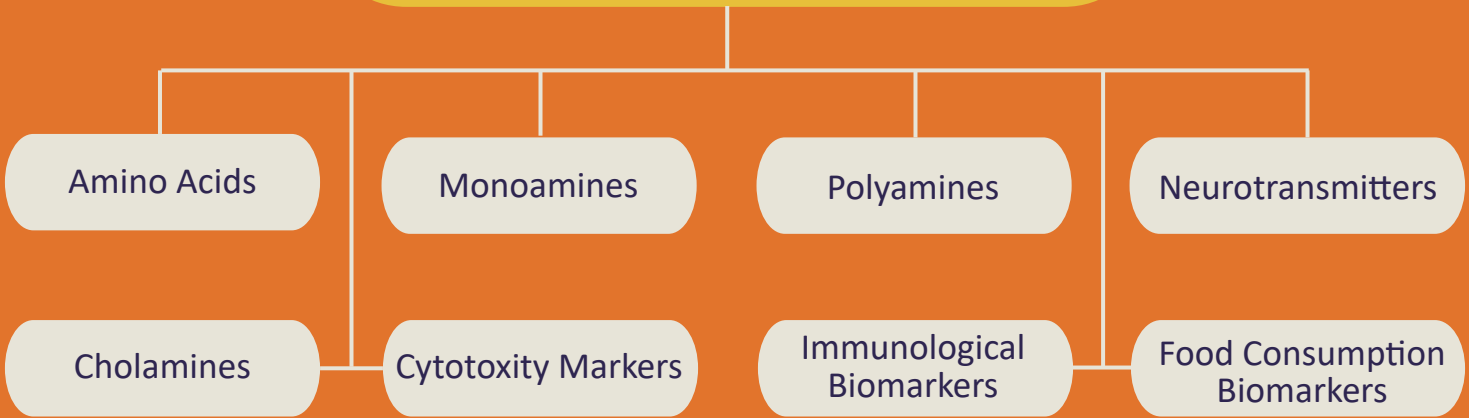


SOLUTION FOR AMINO ACID METABOLISM

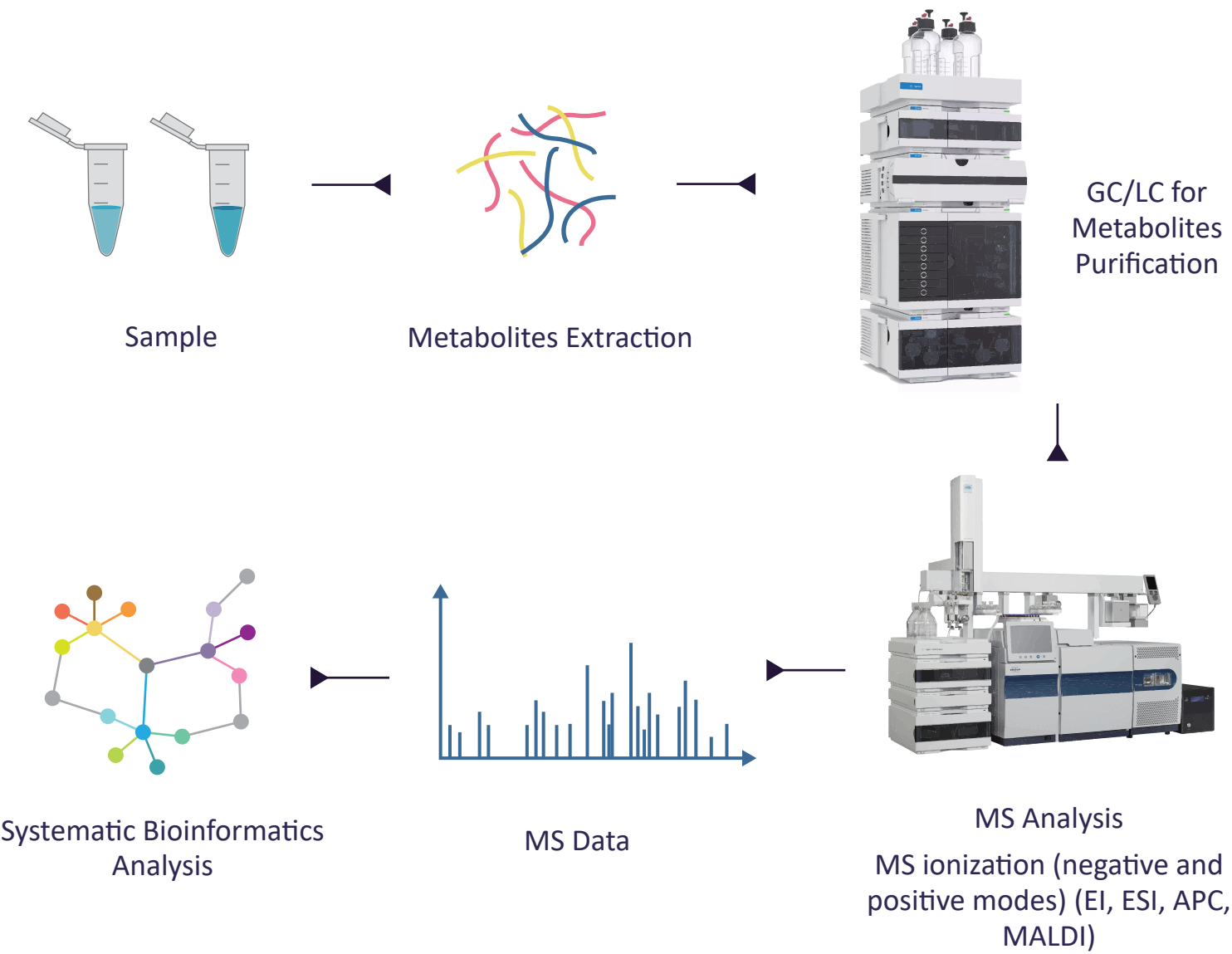
Amino acids are a general class of organic compounds containing a basic amino group and an acidic carboxyl group. It is the basic constituent unit for biological macromolecules, including proteins. Amino acids play an important role in plant health, promoting plant root growth, strengthening seedlings, enhancing leaf photosynthesis, inducing crop resistance to pests and diseases, etc.

Creative Proteomics established an **amino acid analytical solution** based on the UPLC-MS platform for absolute quantitative detection of 130+ amino acids and derivatives.

Metabolic Pathways



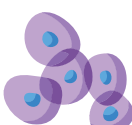
Workflow



Sample Requirements



Tissue: ≥ 10 mg



Cell: $\geq 1 \times 10^6$



Plasma/serum: ≥ 10 μ L



Urine: ≥ 10 μ L



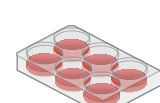
Plant: ≥ 20 mg



Faeces: ≥ 10 mg



DBS: ≥ 10 μ L



Cell medium: ≥ 100 μ L



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