



Featured Services Catalog

Comprehensive one-stop platform to accelerate research

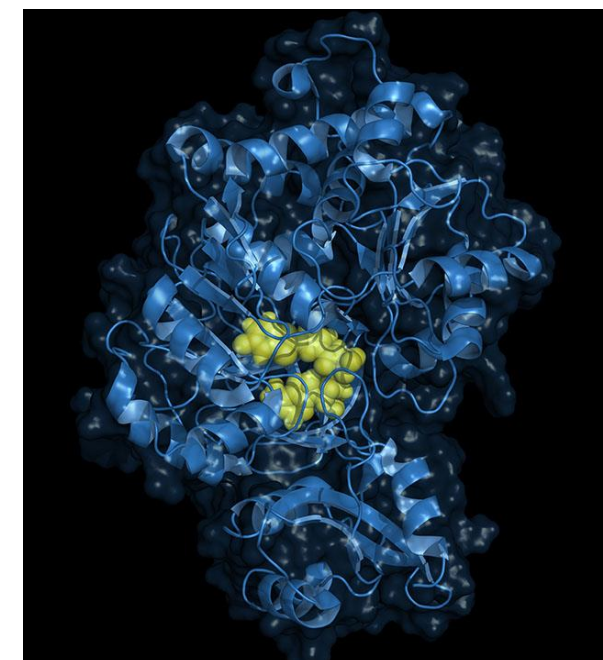
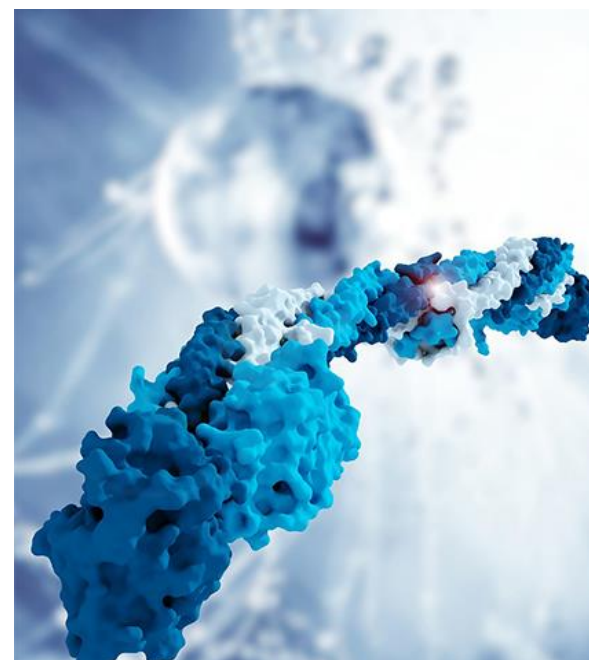
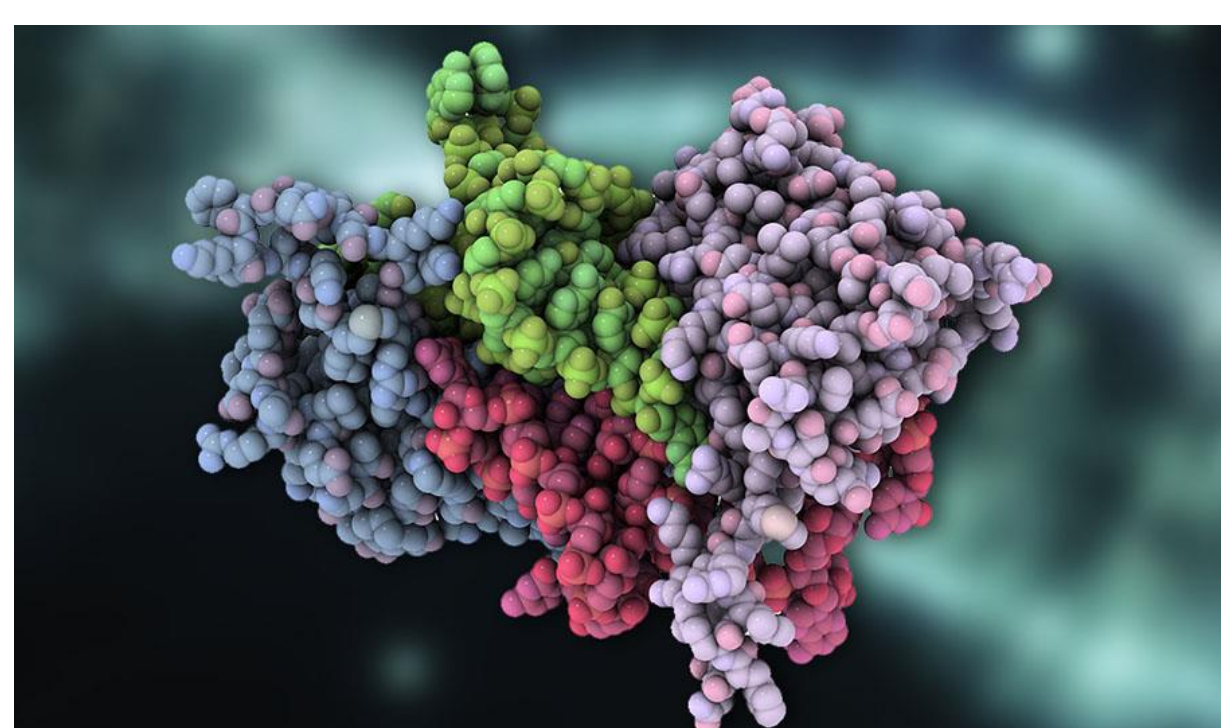
www.creative-proteomics.com

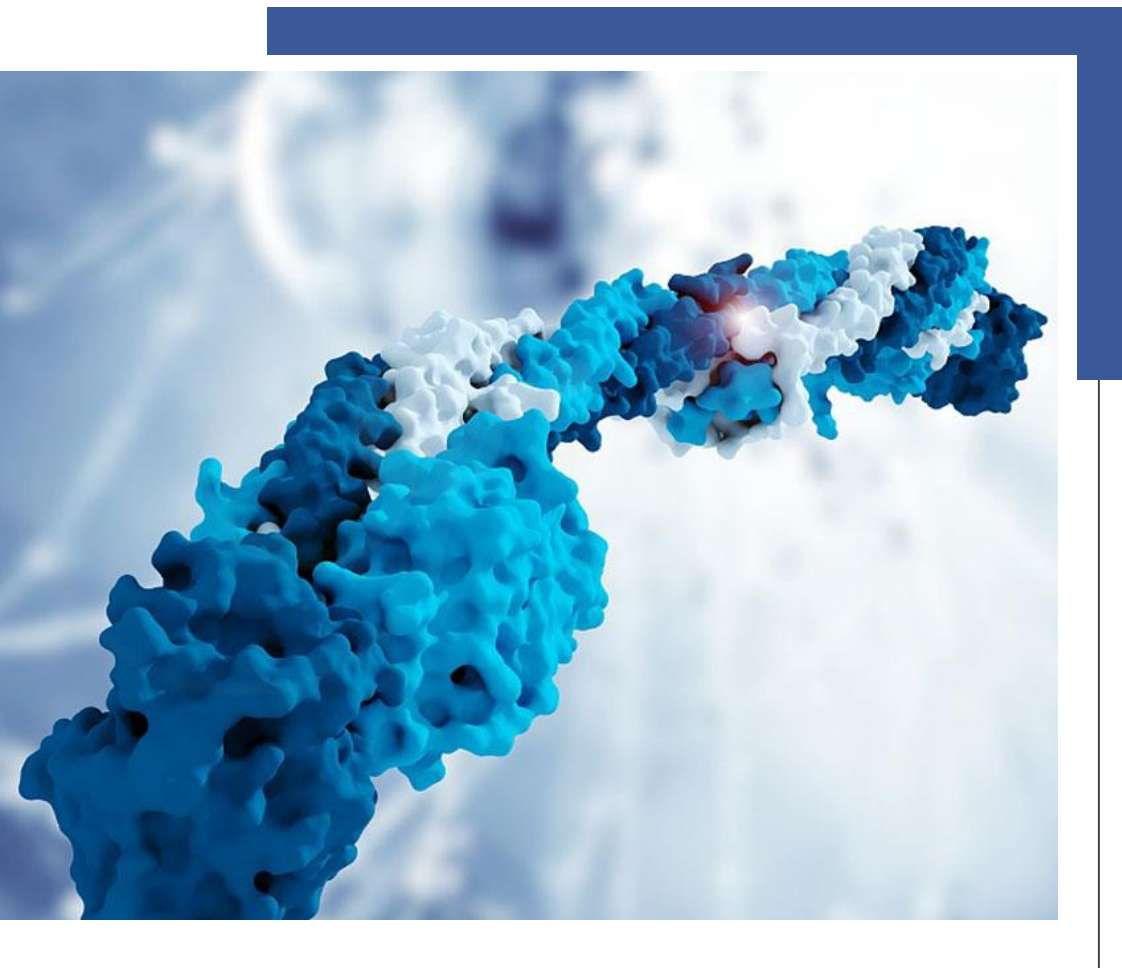


Creative Proteomics

Established in 2004, Creative Proteomics has gradually developed into an integrated company that provides proteomics, metabolomics, glycomics, and bioinformatics analysis services for researchers in the pharmaceutical, biotechnology, agriculture and nutrition industries, as well as academic and government organizations.

With a continuing focus on quality, we are well equipped by advanced technologies, including NMR, GC-MS, LC-MS, LC-MS/MS, HPLC-UV/FD, *etc.*, aiming to provide high-quality and cost-effective services to address customers' problems.





Outline

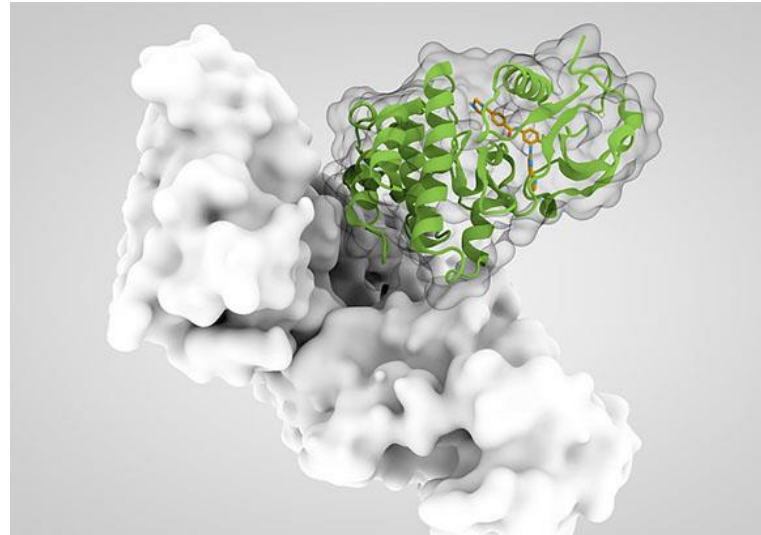
01. Proteomics Services
02. Metabolomics Services
03. Glycomics Services
04. Bioinformatics Services
05. Contact Us



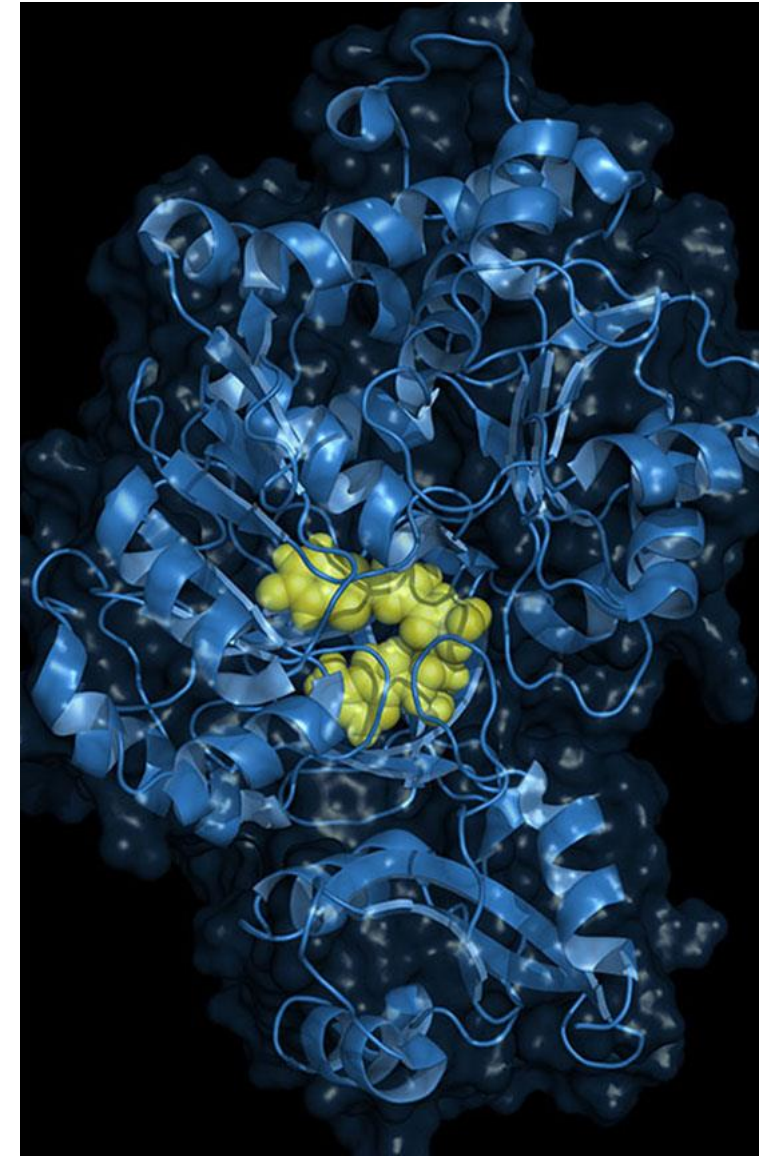
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Proteomics Services

Proteomics is a large-scale comprehensive study of proteins. Proteomics are widely applied in pharmaceutical fields, such as drug absorption, distribution, metabolism and excretion (ADME); toxicology; chemistry, manufacturing and control (CMC), *etc.* With years' experience in advanced experiment equipment, Creative Proteomics can provide a variety of proteomics services to assist your scientific research.



- Protein identification
- Protein post-translational modification analysis
- Protein quantification analysis: AQUA, SILAC, iTRAQ, SRM/MRM
- Amino acid analysis
- MALDI-MS imaging for tissue peptide markers
- SDS-PAGE



Metabolomics Services

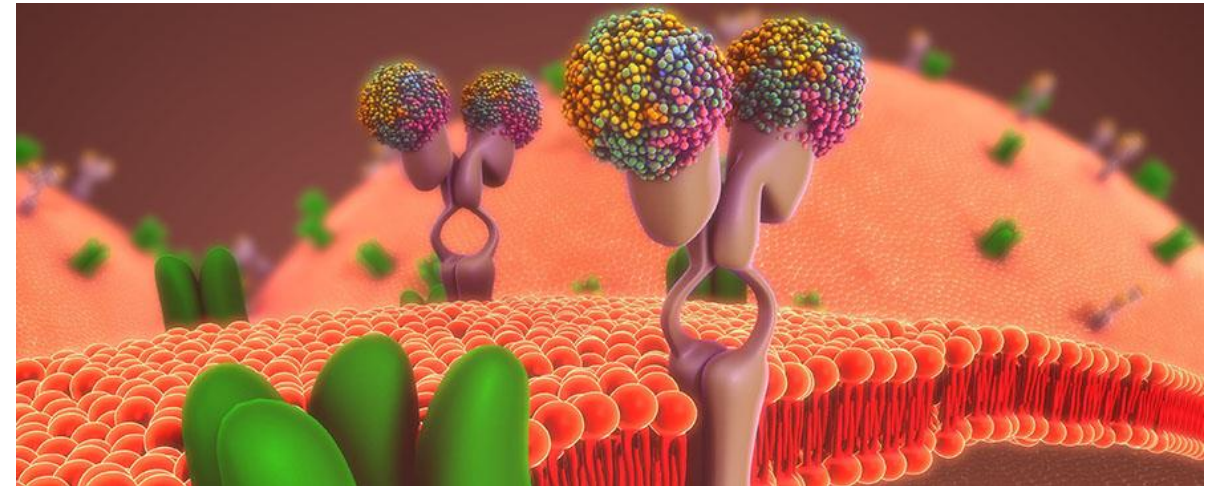
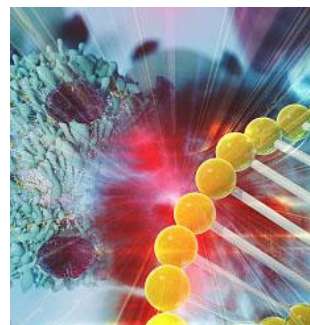
Metabolomics is the systematic study of the small molecular metabolites within cells, biofluids, tissues, or organisms. Metabolomics are widely used in various fields, such as medical science, synthetic biology, medicine, *etc.* We can provide a wide range of metabolomics services from discovery to targeted analysis.

- Untargeted Metabolomics
- Targeted Metabolomics: Polyphenols, NTPs, Sugars, TCA cycles, One carbon-metabolism
- Lipidomics
- Xenobiotic Metabolites Analysis
- Amino Acid Composition Analysis



Glycomics Services

Glycomics refers to the study of glycoconjugate assembly and expression in biological systems. As an emerging field, glycomics focuses on the structure and function of glycans in a cell, tissue, organism, or other living system. Creative Proteomics uses advanced analytical techniques to offer a wide range of glycomics services.



- N-glycans profiling service
- O-glycans profiling service
- N-glycosylation site analysis service
- O-glycosylation site analysis service
- Glycopeptidomics service



Bioinformatics Services

Bioinformatics combines computer science, statistics and life sciences together, to develop algorithms and professional software tools for mining and interpreting the tremendous biological data.

◆ Bioinformatics for Proteomics

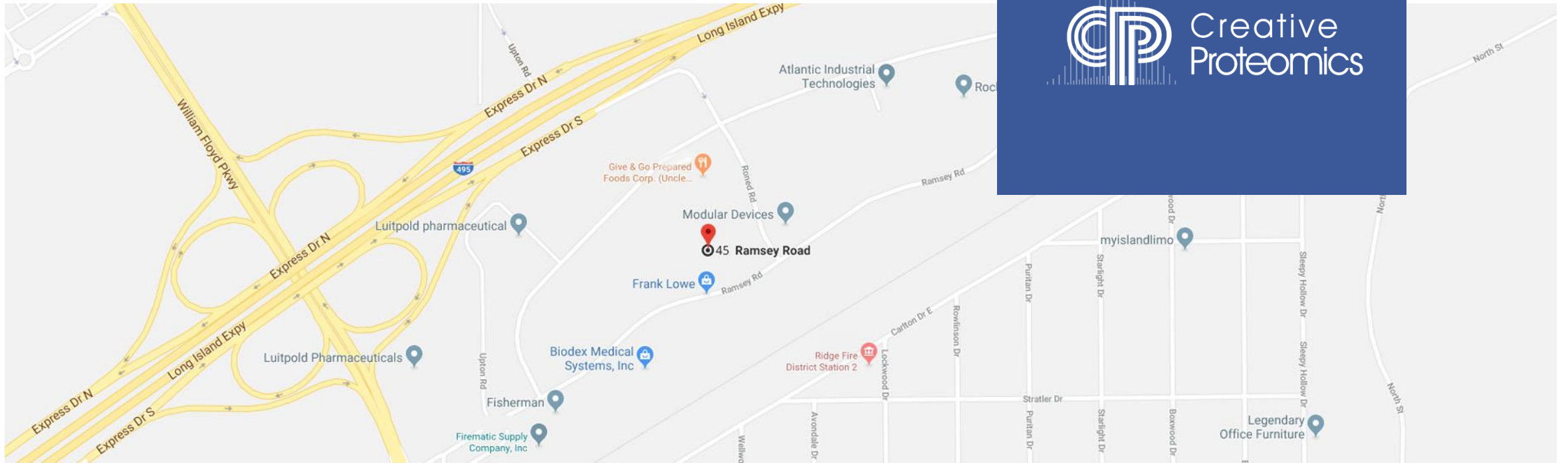
- Functional annotation analysis
- Functional enrichment analysis
- Cluster analysis
- Network analysis
- Subcellular localization


◆ Bioinformatics for Proteins

- Protein site prediction
- Protein structure prediction
- Protein evolution Analysis

◆ Bioinformatics for Metabolomics


- Univariate analysis
- Multivariate analysis
- Clustering analysis
- Identification of potential biomarkers
- Correlation network of differential metabolites



 45-1 Ramsey Road, Shirley, NY 11967, USA

 Tel: 1-631-275-3058

 Fax: 1-631-614-7828

 Email: info@creative-proteomics.com

Stay in Contact

www.creative-proteomics.com