

Trending Newsletter in November

Creative Proteomics is a professional CRO company that specializes in a full range of services to support various proteome-related researches from identification of single proteins to large-scale proteomic studies. With the most advanced technology platforms and experienced staffs, we can provide a comprehensive protein-protein interactions (PPIs) analysis.

November Theme: Protein-Protein Interaction

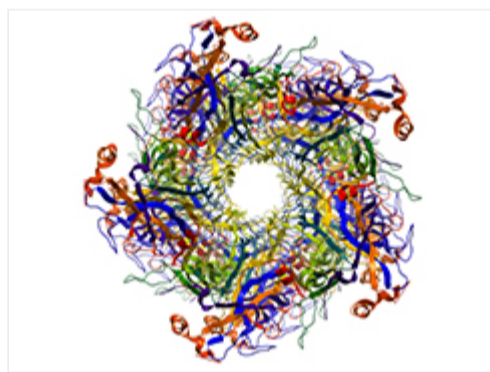
Proteins are crucial macromolecules for almost biological functions, but rarely act by themselves. They carry out their functions by interaction with other biological macromolecules, including proteins. Analysis of protein-protein interactions is important for understanding cell physiology and also essential for drug development. Over the past few decades, scientists have developed considerable methods for measuring protein-protein interactions.

Upcoming Events

Name	Date	Location
26 th Protein Structure Determination in Industry meeting	November 11-13, 2018	Versailles, France
12 th International Conference on Advancements in Bioinformatics and Drug Discovery	November 26-27, 2018	Dublin, Ireland
11 th Metabomeeting	December 17-19, 2018	Nottingham, United Kingdom

Popular Services

The discovery or verification of protein-protein interactions is important for understanding protein function and the biology of the cell. There are various techniques to study protein interactions and each method has its own advantages and limits.



Protein-Protein Interaction Analysis

- Co-immunoprecipitation (Co-IP)
- Pull-Down Assay
- Crosslinking Protein Interaction Analysis
- Label Transfer Protein Interaction Analysis
- Far-Western Blot Analysis

Videos



Brief Introduction of Protein-Protein Interactions

Protein-protein interactions play important roles in various biological processes. They can be classified based on different factors, including composition, affinity, and lifetime.

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Methods to Detect Protein-Protein Interactions

Analysis protein-protein interaction can help us understand cellular organization, process, and functions. We introduce some commonly used methods to detect PPIs...

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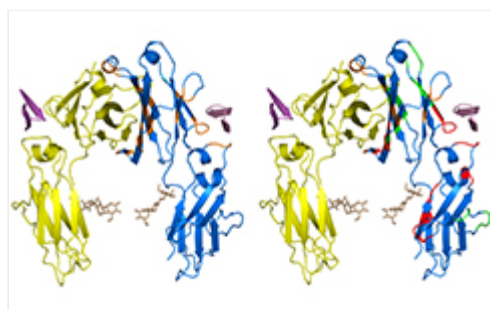
Blogs



Science: Using Phosphoproteomics to Elucidate Signaling Pathways for Opioid Activation in the Brain

In a new study, researchers developed a tool to gain a deeper understanding of the brain's response to opioids by using mass spectrometry to determine changes in protein phosphorylation...

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Technologies for Analyzing Protein-Protein Interactions

It has been reported that more than 80% of proteins do not operate alone but in complexes. Proteins can interact with other molecules, including DNA, proteins, and other molecules. Protein-protein interactions...

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