

6th International Conference & Expo on
Proteomics

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Current proteomics technologies and challenges

The availability of the genomes of numerous organisms encompassing human as well as the plant kingdom has advanced proteomics research for various agricultural and clinical applications. During the last decade, proteomics has demonstrated significant impact on various aspects of plant, animal and human research, including, diagnostics, disease development, drug discovery, food technology, agricultural productivity and nutritional security. The recent publication of draft human proteomes of many different tissues and cell types the efforts toward whole proteome coverage are good examples highlighting the fast development in proteomics technologies and applications. This workshop will focus on advancements in proteomic technologies for translational research in food and health. Different aspects of basic and advanced proteomics research such as advances in whole proteome coverage, quantitative proteomics, biomarker discovery, disease/clinical proteomics, protein modifications and interaction, proteomic evaluation of food proteins as well as crop proteomics for sustainable agricultural needs and food security of tomorrow. The workshop is more of a discussion forum, rather than just lectures. It aims to update on recent advances, discuss current proteomics technologies and challenges, highlight future directions and facilitate interactions and networking of workshop participants.

Biography

Sixue Chen has completed his PhD from Shanghai Institute of Plant Physiology/ECNU and Post-doctoral studies from Freiburg Univ., KVL and UPENN. He is the Director of Proteomics and Mass Spectrometry core at the University of Florida. He has published more than 170 papers in reputed journals and has been serving as editorial board members of *t*

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