

Data Analysis and System Inference (Cindy Stokes)

Systems biology is an approach that is being applied successfully to address many problems in biology. This session provides an overview of various systems biology approaches that are being used to integrate biological data from diverse sources and making such integration useful in pharmaceutical, environmental, and basic biomedical research. Specific examples in industry and government and academic labs are described. In addition, the logistics and infrastructure required to successfully implement systems biology to make progress understanding complex biological systems are discussed.