

Title: From a Global Industry Perspective: *SPR Biosensor Strategies to Improve Bio-therapeutic Discovery and Development*

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Abstract:

Biosensor systems based on SPR (Surface Plasmon Resonance) enables rapid detection and information-rich characterization for efficient development of bio-therapeutics and vaccines. Implementation improves data quality and reduces costs in drug development, as well as manufacturing operations.

This presentation will give an overview of the use of biosensor-based Biacore assays for the discovery and development of protein-based therapeutics, as well as manufacturing quality control (QC). Main topics covered are:

- Accelerating product development and improving productivity in the process
- Applications with respect to requirements for bio-therapeutic products
- PAT and future vision for biosensors applications