

## **Information obtained from Biacore™ and MicroCal™ systems and what to do with it!**

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Biacore™ and MicroCal™ systems enable researchers to derive information on fundamental aspects of macromolecules and their interactions including kinetics, affinity, stability, binding specificity, concentration, stoichiometry, and thermodynamics of binding. In this lecture I will briefly review the capabilities of Biacore and MicroCal Isothermal Titration Calorimetry and Differential Scanning Calorimetry systems and provide examples of their use in basic research and in drug discovery programs. I will discuss how the information derived from these technologies can be used in decision processes during drug development and in the case of biotherapeutics for clinical monitoring. Some exciting Biacore product news will also be highlighted.