

## **“ Applications of NMR in drug discovery “**

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NMR has become an invaluable analytical method in the field of chemistry and structural biology. One of the most important application is a determination of three-dimensional protein structure only by using NMR data, which was established by Kurt Wüthrich who won the Nobel Prize last year. However, the applications of NMR go far beyond structure determination. The recent technical advances have been expanding the range of applications in the study of protein-ligand interactions. These advances are allowing NMR to apply important issues in the field of drug discovery. In this talk, I will present an overview of structural information derived from NMR analysis, and the applications of NMR techniques to drug discovery process.