
Seminar

Stable-isotope Labeling Methods for Protein NMR Studies -Past, Present and Future-

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During the past 50 years, protein NMR spectroscopy has been enormously advanced and the structural determination of a small protein (<20kDa) becomes a matter of common practice. Undoubtedly, various isotope-aided NMR methods have contributed to the technological basis for such progress. Stereo-array isotope labeling (SAIL) is one of the most sophisticated methods for protein NMR spectroscopy. I will briefly introduce the historical background and explain about the perspectives of the SAIL and related methods.⁽¹⁾

References:

1) Kainosho M (2012), "Developing Stable-Isotope-Aided NMR Technologies for Biological Systems", Encyclopedia of Magnetic Resonance, DOI:10.1002/9780470034590.emrhp1026

Tuesday, Dec 1st 2015

4:00 PM (Tea/Coffee at 3:45 PM)

Seminar Hall, TCIS