



IBS Center for Molecular Spectroscopy and Dynamics

Seminar

- **SPEAKER**

Dr. Anahita Khammari (IBS CMSD)

- **TITLE**

The protein aspects in structural biophysics

- **ABSTRACT**

The amino acids sequence specifies the protein tertiary structure for its function in the live cell. In the other hand, the normal function of the protein is related to how well the folding process is done. Many neurological diseases create due to the protein misfolding, aggregation and fibrillation. Besides, the environmental interactions affect the protein folding and changes its conformations and stability. Also, the protein interaction plays a major role in the binding process which can be applied in the therapeutics drugs and food industries. Some thermodynamics and computational methods are useful to find the protein interaction mechanism. As a short talk, we will review these methods and explain their problems and solutions.

- **DATE AND VENUE**

November 04, 2020 (Wednesday, 5:00 - 6:00)
Seminar Room B (119), KU R&D Center

- **LANGUAGE**

English