



BIOMOLECULAR SPECTROSCOPY LABORATORY

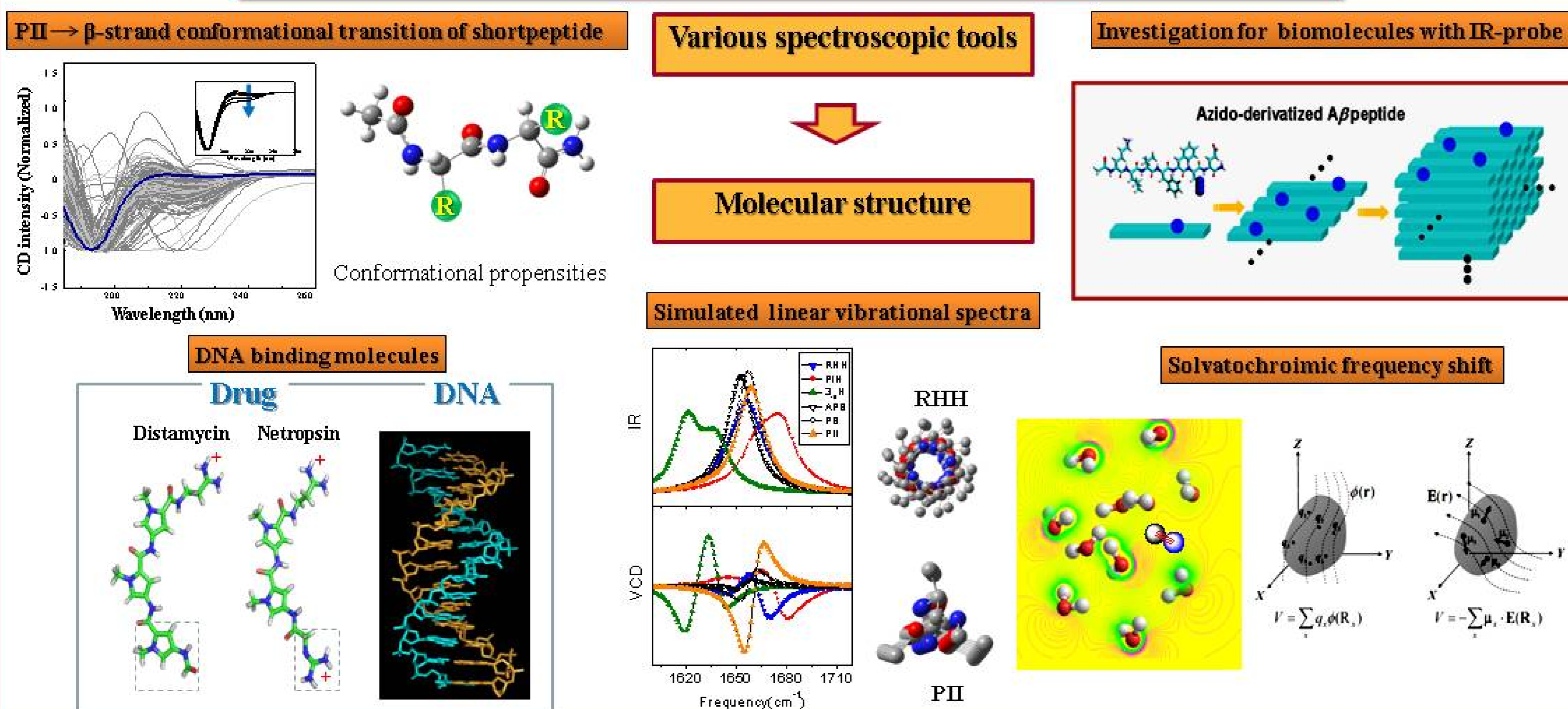
Structure, Function, and Dynamics

MINHAENG CHO

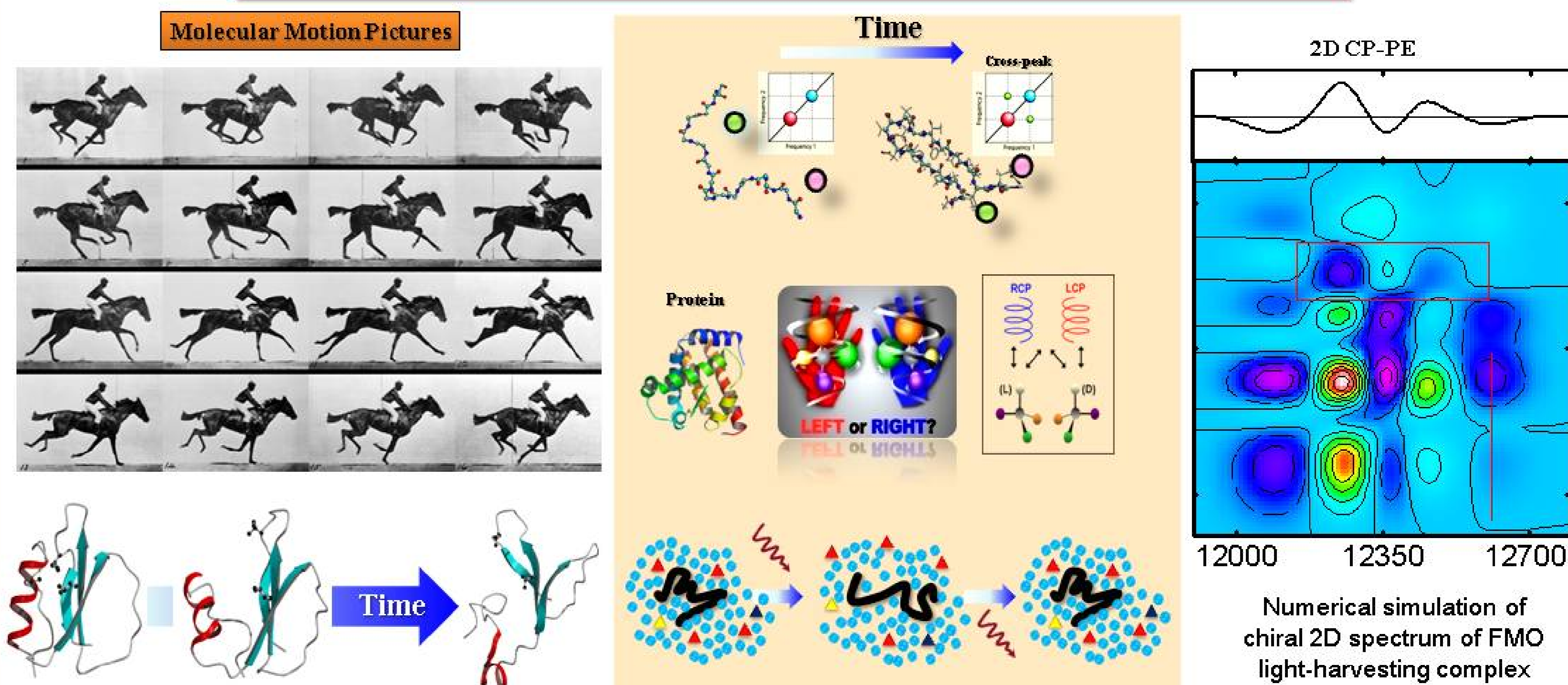
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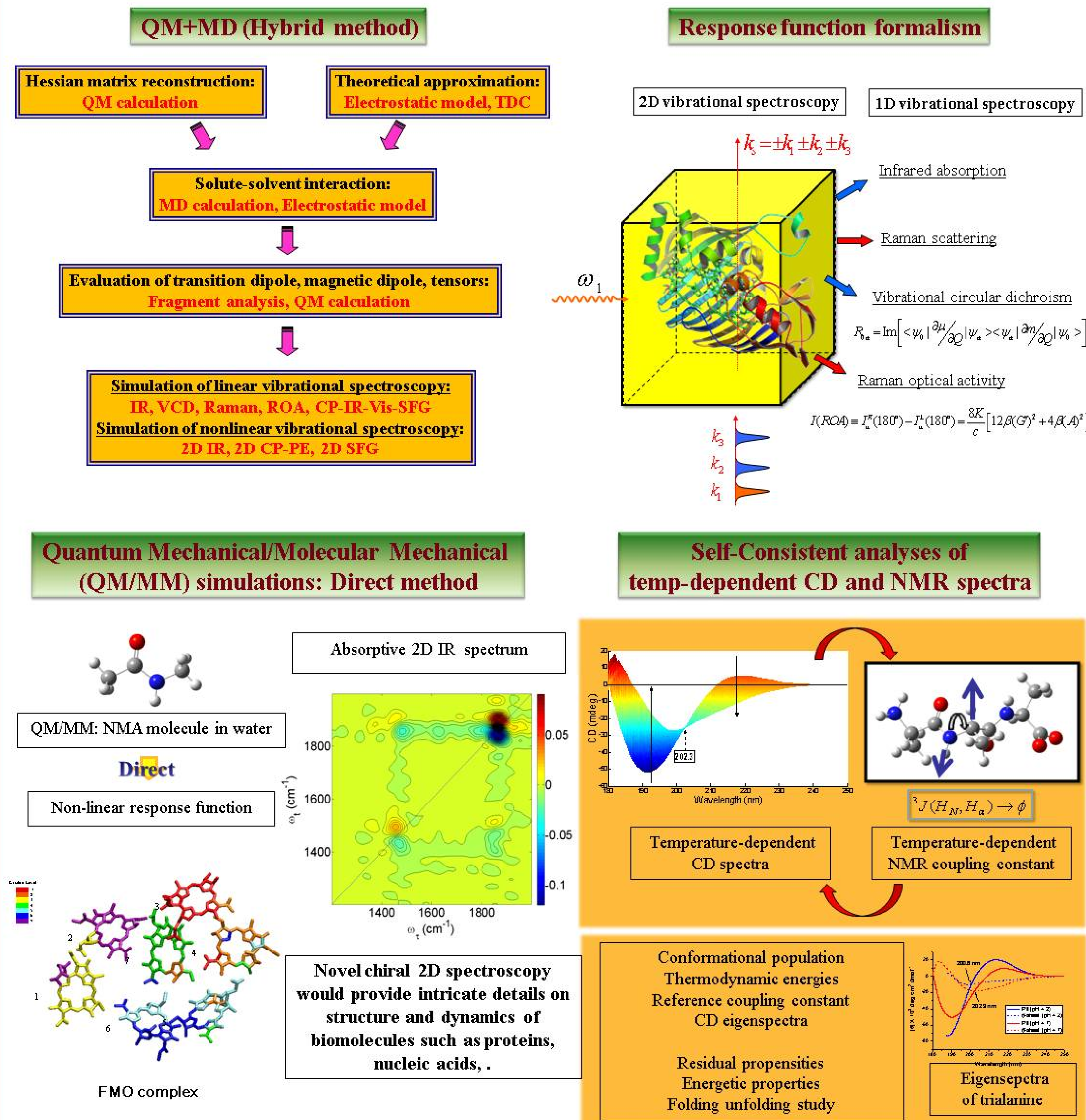
Structure and Solvation



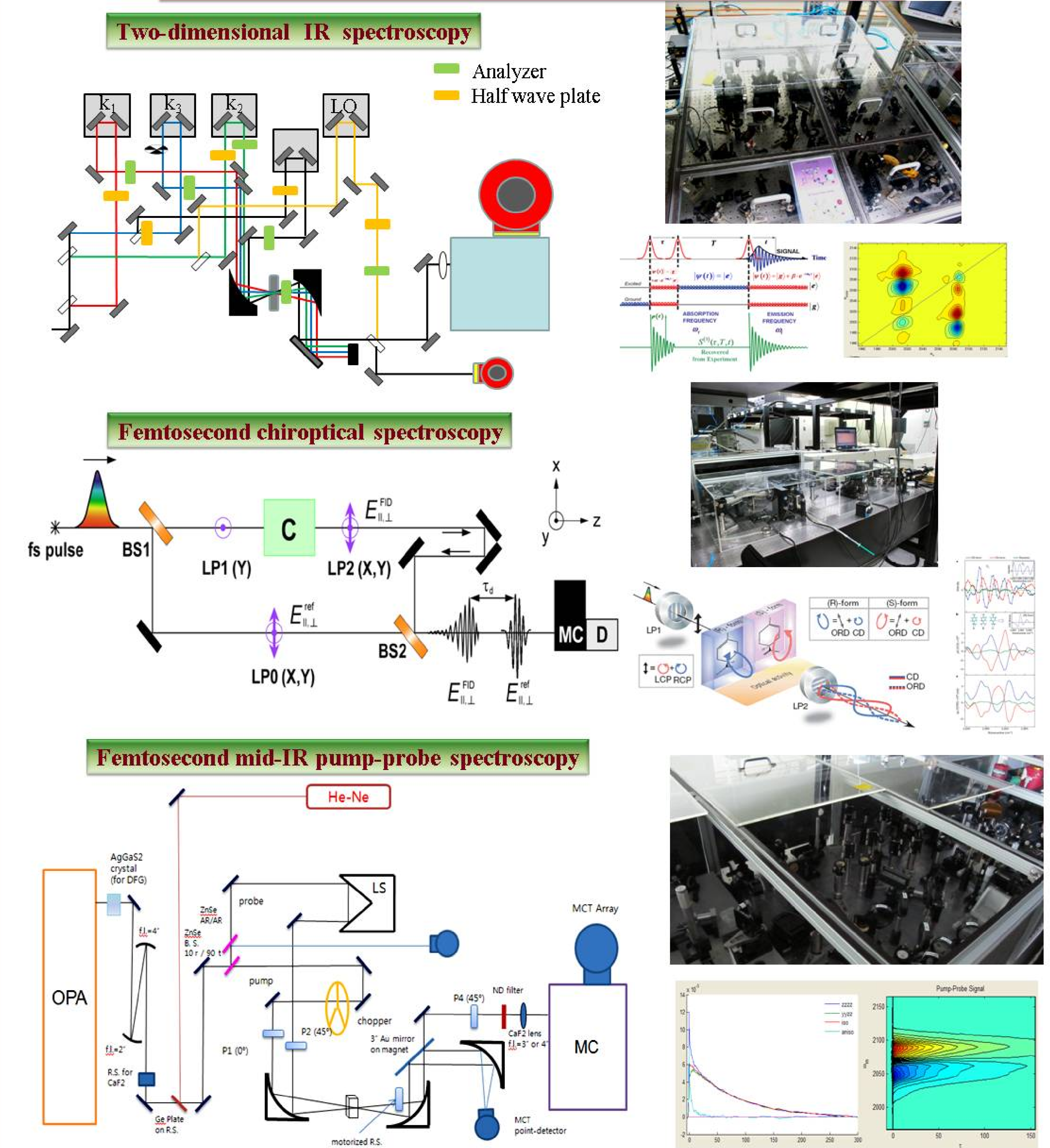
Molecular Dynamics: Movie



Theoretical Calculation Methods



Experimental Methods



Prediction of Biological Macromolecular Structure

1. Theoretical approaches: quantum mechanical and molecular dynamics
2. Computational spectroscopy
3. Various spectroscopic experiments: Time-frequency resolution
4. Comparisons of theoretical and experimental results: Development of systematic methods for biomolecular spectroscopy

Publications and Book



Instruments: Spectroscopy and Computation

