

BIOCHEMISTRY AND MOLECULAR BIOLOGY SEMINAR SERIES

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How the Mitochondrial Chaperone Hsp90 Mediates Protein Folding and Prevents Aggregation

Research in Dr. Yanxin Liu's lab focuses on the molecular and structural understanding of protein complexes that are related to human diseases. We employ an integrative approach that combines biophysics, biochemistry, structural biology, and computational modeling. In particular, we are specialized in emerging technologies of high-resolution single-particle cryo-electron microscopy, cryo-electron tomography, and large-scale atomistic molecular dynamics simulation. The current research areas include:

- Chaperone assisted protein folding.
- Protein translocations into membrane-bound organelles.
- Cellular stress response.

Thursday, October 30, 2025 • 4:00 PM
Science Center Room 200

**Gettysburg
College**

*Sponsored by: The Biochemistry & Molecular Biology
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the Biology Department and the Events Planning and
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