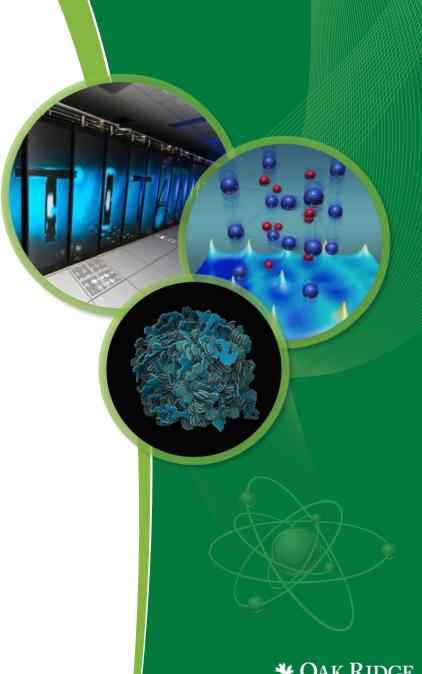
Capturing Hyper-Rotated Solution Structure of the *E. coli* Ribosome

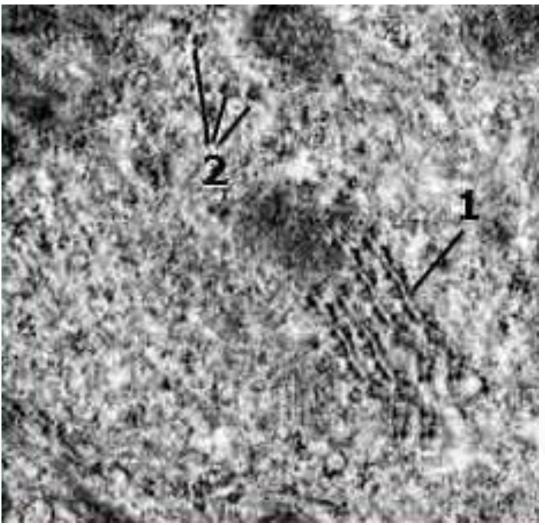
Emily Armbruster University of Missouri

Advisor: Prof. Peter Cornish ORNL Mentor: Venky Pingali



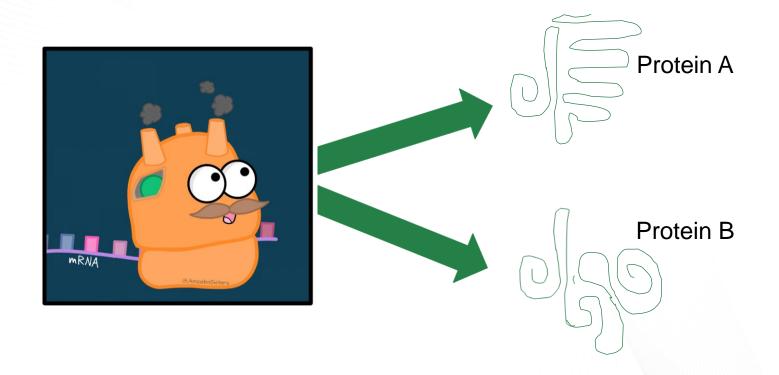
tional Laboratory

Birth of Cell Biology – First Picture of Ribosome in a Cell





How Ribosome Reads Template Impacts the Form of Protein Created





Integrated Multi-Modal Approach

