

STRUCTURAL BIOLOGY AT THE RIBOSOME

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The ribosome is the large translation molecular machine. Integrated structural biology approaches have provided key insight into the molecular mechanism of how genetically coded information is translated into proteins.

In this contribution, we will present our work in looking at the conformation of mRNA adjacent to the entry channel of the ribosome (1,2) and at the conformation of the protein nascent chain within the ribosomal exit tunnel (3,4).

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