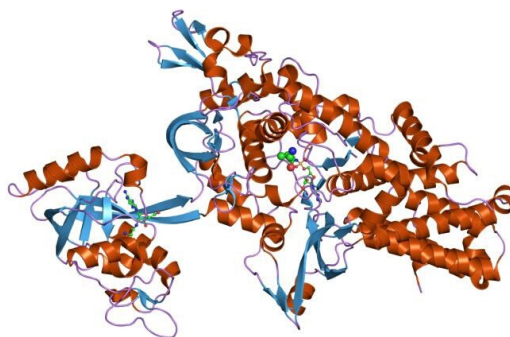


# Can Proteins Make Mistakes?



by

**Crystina Ciula**

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**12 - 12:50 P.M. | AGM-102**

## Abstract

Misincorporation of amino acids is implicated in protein aggregation and a number of health-related issues, including neurodegeneration. Misincorporation can occur during transcription and translation. There are several mechanisms of errant amino acid (AA) incorporation into the polypeptide chain. This seminar will examine the various mechanisms, several examples (e.g. cyanobacteria AAs, lysine for arginine, selenocysteine) and discuss further implications of these mistakes in amino acid incorporation.