

## Regular Wednesday IMG seminar



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**Institute of Microbiology of the Czech Academy of Sciences**

**“Ribosomal A-site interactions with near-cognate tRNAs  
drive stop codon readthrough”**

Imagine a gene is a sentence starting with a capital letter and ending with a period, and a genome as a book telling an entire story. In some protozoans, extra periods infiltrated their sentences, replacing specific letters of arbitrary words (namely E and W). As a result, readers (ribosomes) are confused about where these sentences really end, and the story becomes disjointed. We described how these protozoans handled this mystery, shedding a new light on (non)universality of the genetic code.

**The seminar will be held**

**on Wednesday 7<sup>th</sup> February 2024 at 15:00**

**in the Milan Hašek Auditorium at IMG**

(Institute of Molecular Genetics of the Czech Academy of Sciences, Vídeňská 1083, Prague 4)