

# SFB 960-/BZR – Kolloquium

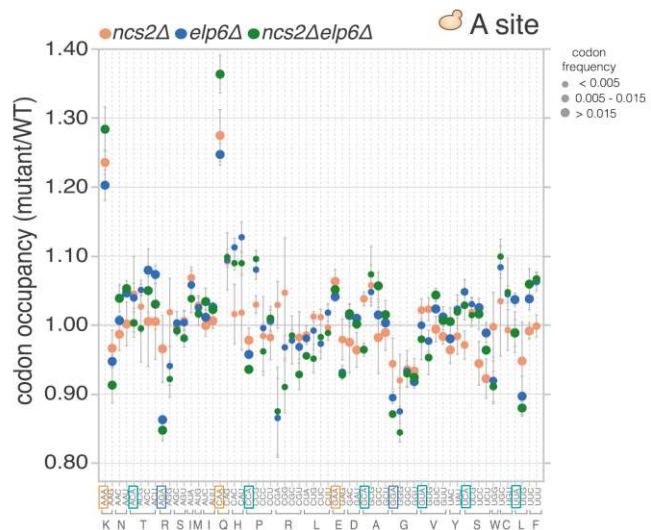
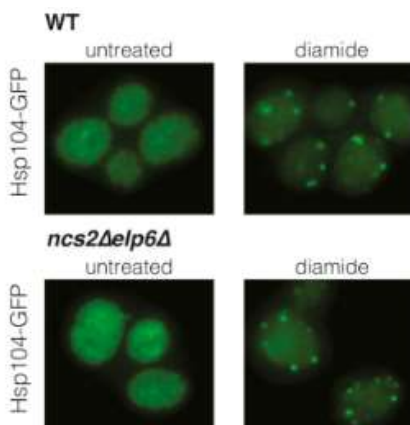
25. Februar 2020, 17.00 Uhr  
H53



## Prof. Dr. Sebastian Leidel Universität Bern

### *tRNA modifications - Connecting translation dynamics to cellular quality control*

tRNAs are key players in mRNA translation linking amino acids to a specific codon sequence. Interestingly, tRNA molecules carry a plethora of chemical modifications of their nucleotides, which are posttranscriptionally introduced by many different enzymatic pathways. Even though huge progress has been made, it is still unclear how most of these tRNA modifications contribute to cellular function. This is of particular importance as GWAS studies have linked different modification pathways to a number of degenerative diseases and cancer. New technologies explored by Sebastian and his lab have provided novel insights into this exciting research field.



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