

SFB 680

MOLECULAR BASIS OF
EVOLUTIONARY INNOVATIONS

Joanna Maseł

University of Arizona and Wissenschaftskolleg Berlin

Molecular errors, cryptic sequences, and evolvability

Making genes into gene products is subject to predictable errors. Molecular errors in the present can mimic the effect of mutations in the future. This mimicry creates the potential for “pre-selection” on cryptic sequences that are currently expressed only in error, but that may be co-opted by future mutations. This has implications for the evolution of molecular error rates and for evolvability.

February 14, 17:00

Institute for Genetics, Zùlpicher Str. 47a, Lecture Hall, Ground Floor

Host: Thomas Wiehe

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