



E I N L A D U N G

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V E R A - S E M I N A R

von

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**Puzzling sequences:
studying microbial genomes from "Ötzi"**

Ancient remains, and mummies in particular, are of central value for archaeological research. The Tyrolean iceman "Ötzi" was conserved in a glacier of the Ötztal Alps about 5000 years ago. Aside from morphological and phenotypical classification, the determination of DNA sequences and the subsequent genome analyses have been first applied to mitochondrial DNA and then been extended to genomic DNA. Typically also ancient microbial DNA is sequenced. These sequences allow the identification of pathogens as well as studying the evolution of microorganisms.

The talk will explain the metagenomic aspects of the "Ötzi" genome project and discuss the first results.

Donnerstag, 8. März 2012, 16:30 Uhr

**1090 Wien, Währinger Str. 17, "Kavalierstrakt",
1. Stock, Victor-Franz-Hess Hörsaal**