

*To whom it may concern*

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*Letter of collaboration*

Dear Madam / Sir,

the RNA-Seq group of the Core Unit Systems Medicine, University of Würzburg, offers expertise in the bioinformatical analysis of high-throughput sequencing experiments with a focus on RNA-Seq data. As part of this activity we are developing and applying computational tools to annotate bacterial as well archael genomes and transcriptomes. We have successfully performed several of such annotation projects and have multiple on-going. Members of the life science research community have already adopted Wikidata for example to store human genome annotation and phylogentic data. As associate partner of the project “Enabling Open Science: Wikidata for Research” suggested by Dr. Daniel Mietchen, we would like to build on those experiences by extending and complementing the methods. Namely, we aim to explore how Wikidata could be used as backend/VRE to store, manipulate and represent genome and transcriptome information of microbial species. This would not only lead to more sustainable accessibility and improved re-usability of such results but would additionally offer members of the research community as well as other citizens the opportunity to improve gene annotations easily. We have several data sets available that could be integrated during this project and will have many more in the near future.

Kind regards

Dr. Konrad Förstner