

# Open PhD position

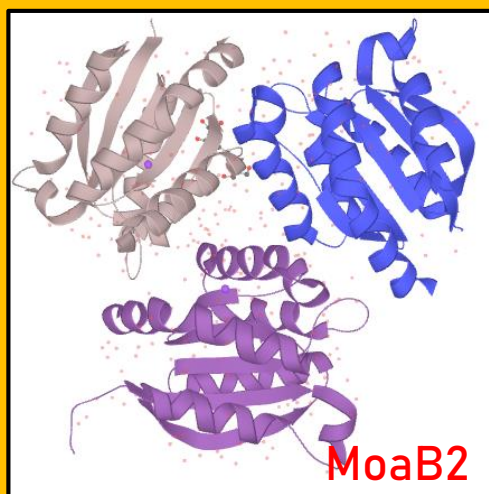
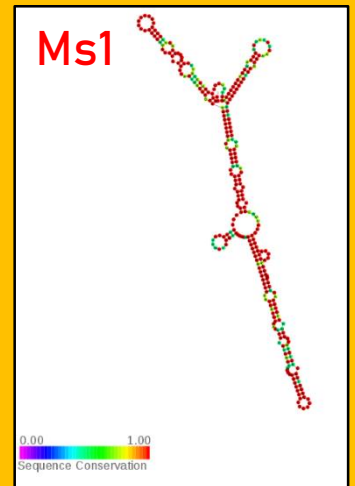
## Libor Krasny Lab

### Institute of Microbiology CAS

We are a group of dynamic and friendly people interested in transcription regulation in bacteria. We aim to decipher the biological function of

- **Ms1** (small RNA) and
- **MoaB2** (protein),

interaction partners of RNA pol/SigA in mycobacteria which were discovered in our laboratory.



For these projects, we use the following techniques:

- Immuno-precipitation
- qRT-PCR
- RNAseq and ChIPseq
- Super-resolution microscopy (SIM)
- cryo-EM

Found it interesting? Please contact:  
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Relevant publications:

- Hnilicová et al. 2014 *Nucleic Acids Res* 42(18):11763-76.
- Kouba et al. 2019 *J. Bacteriol* 201(4). pii: e00583-18.
- Šiková et al. 2019 *Mol Microbiol* 111(2):354-372.
- Šiková et al. 2020 *EMBO J.* in press

