



Open postdoc position at the Institute of Microbiology CAS

Laboratory:	Laboratory of Microbial Genetics and Gene Expression
Group Leader:	Doc. Mgr. Libor Krásný, PhD
Website:	http://krasny.mbu.cas.cz/index.php/en//

Project summary	
Supervisor:	Libor Krásný, PhD krasny@biomed.cas.cz
Project title:	Gene expression and antibiotic resistance controlled at the transcriptional level in bacteria
<i>Project description:</i> Our lab focuses on transcription regulation in bacteria. The newly hired postdoc will focus on two projects: <ul style="list-style-type: none">• bacterial resistance to rifampicin/ fidaxomicin mediated by newly identified proteins• promoter selection by RNAP	
<i>Candidate profile:</i> We are looking for a person with a keen interest in molecular biology of bacteria. Basic skills (DNA, RNA, protein work) are required, experience with -omic studies is welcome. We are seeking an enthusiastic person with creative thinking and the ability to identify important scientific questions & drive the projects. We can offer competitive salary & young team that is passionate about science. Start of the position: September/October 2023. Interested candidates, please, send your CV by e-mail. Deadline: 15 June 2023.	
<i>Suggested reading:</i> <ol style="list-style-type: none">1. What the Hel: recent advances in understanding rifampicin resistance in bacteria. Sudzinová P, Šanderová H, Koval' T, Skálová T, Borah N, Hnilicová J, Kouba T, Dohnálek J, Krásný L. FEMS Microbiol Rev. 2022 Dec 22:fuac051. doi: 10.1093/femsre/fuac051.2. Mycobacterial HelD is a nucleic acids-clearing factor for RNA polymerase. Kouba T, Koval' T, Sudzinová P, Pospíšil J, Brezovská B, Hnilicová J, Šanderová H, Janoušková M, Šíková M, Halada P, Sýkora M, Barvík I, Nováček J, Trundová M, Dušková J, Skálová T, Chon U, Murakami KS, Dohnálek J, Krásný L. Nat Commun. 2020 Dec 18;11(1):6419. doi: 10.1038/s41467-020-20158-4.	