

## Should I stay or should I go?

### *The fate of translation factors on initiating eukaryotic ribosomes seen via the current state-of-art techniques.*

#### **PhD Positions in 2020!**

**The Laboratory of Regulation of Gene Expression** led by Dr. Leoš Shivaya Valášek at the Institute of Microbiology, Czech Academy of Sciences in Prague, Czech Republic, is seeking to fill one or two PhD positions in the area of regulation of translational control. One of the main goals of our research program is to understand the role of several eukaryotic initiation factors in the process of regulation of translation initiation and termination in the budding yeast and human cell lines in both general, as well as gene-specific manner.

**We are looking for** a highly motivated and ambitious **PhD student(s)** with a great deal of experience in various techniques of molecular biology, biochemistry, genetics, and bioinformatics, and a broad knowledge of the field of regulation of gene expression. Other requirements are: curiosity, self-motivation, healthy ambition and self-confidence, team working skills, easy going personality, advanced writing and communication skills in English. Peer-reviewed publication(s) under the candidate's belt would be the most welcome bonus.

**Research projects will focus on** studying the role of initiation factors in translation initiation and termination under various stress conditions in yeast and humans using our recently developed, state-of-art technique call Sel-TCP-seq (see <https://www.biorxiv.org/content/10.1101/806125v1>)

**The successful applicant(s)** will develop a new research project aiming to describe novel mechanisms of translational control in eukaryotes. The position is ideally suited for an enthusiastic, eager-to-learn PhD student who wants to pursue a career in academic research and develop expertise in multidisciplinary research.

**Join** a closely cooperating international team of young and eager researches and students! Our laboratory is supported by the Wellcome Trust, as well as by the Centre of Excellence Grants awarded by the Czech Grant Agency.

**Interested?** Please visit us at <http://www.biomed.cas.cz/mbu/lrge/> and drop us a line at [valasekl@biomed.cas.cz](mailto:valasekl@biomed.cas.cz). Thank you.

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