Postdoctoral position in biochemistry in Prague, Czech Republic

A postdoctoral position is available at a research group at Faculty of Science of Charles University (located at a new campus in Biocev, www.biocev.eu). The group is focused on protein structure evolution and the studied themes are very interdisciplinary with relevance in origins of life and astrobiology. The goal of the postdoc project will be protein reverse evolution of the most ancient ribosomal part, the peptidyl transferase center (PTC). The postdoc will be expected to perform a detailed bioinformatic analysis of the available structural data of this region, to design and work with variant protein libraries using synthetic biology approaches and perform structural/functional characterization of protein-RNA complexes.


Profile of an ideal candidate:
- Completed PhD or a fixed date of PhD defense
- Excellent knowledge of English (FCE equivalent or better)
- Strong background in biochemistry and bioinformatics and experience with structural characterization/analysis; previous experience with protein/RNA libraries and ribosome evolution will be preferred

Project supervisor: Klara Hlouchova, Ph.D

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The applicant should provide the following documents before 1.8.2019 to the project supervisor and in copy to email foreign@natur.cuni.cz:

- Application Form
- Letter of Reference
- Detailed CV
- List of publications
- Copy of university diploma