



The director of Central European Institute of Technology CEITEC MU opens position:

Postdoc position in Biomolecular NMR

mentor: Konstantinos Tripsianes, Ph.D.

Project information:

A three year post-doctoral position is available at the Central European Institute of Technology, Brno, Czech Republic, in the newly established group of Kostas Tripsianes. The project focuses on human proteins involved in homologous recombination and their interactions with DNA substrates. The successful candidate will join a team of young motivated people at the new campus of Masaryk University, dedicated using NMR spectroscopy in combination with a wide range of biophysical and biochemical techniques to understand mechanisms of DNA repair. The project will be carried out in close collaboration with the group of Dr. Lumír Krejčí, Masaryk University that has already characterized the proteins and their DNA targets. Interactions are anticipated with the scientists at the Structural Biology program of CEITEC coordinated by Prof. Vladimír Sklenář (<http://www.ceitec.eu/programs/structural-biology/>)

The PostDoc candidate will have access to new 500, 600, 2x700, 850, and 950 MHz NMR spectrometers, CD, SPR, ITC, DSC, analytical ultracentrifugation, crystallization facility, X-ray diffraction core facility.

Requirements:

The candidates should hold a PhD degree in biochemistry, structural or molecular biology. Previous experience with protein expression and purification, mutagenesis, high-resolution

biomolecular NMR and NMR structure calculation methods is a plus. Good communication and interpersonal skills and fluency in spoken and written English are required.

Employment conditions:

The post is fixed-term with a proposed start date of April 1 2013 for three years. Salary is 1.700 € per month (after tax, paid in the equivalent of CZK).

- Expected start: 1st April, 2013 or later

Candidates are encouraged to send CV and a short statement of research background and interests to at **kostas.tripsianes@ceitec.muni.cz**.

Your application should include:

- CV with a detailed description of your training and research career
- two recommendation letters or other references
- list of publications (separate listings of original research papers, reviews, book chapters)

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