

Director of Central European Institute of Technology CEITEC-MU is announcing a selection procedure for the positions of:

Postdoc position in protein-DNA interactions by NMR

Project information:

A post-doctoral position is available at the Central European Institute of Technology (CEITEC), Brno, Czech Republic, in the group of Kostas Tripsianes, to be commenced as soon as possible. The project is part of an ongoing collaboration with the group of Lumir Krejci studying recombination and genome maintenance mechanisms in humans associated with cancer predisposition and aging syndromes. The successful candidate will perform structural studies to characterize protein-DNA interactions using primarily NMR spectroscopy in combination with a wide range of biophysical and biochemical techniques.

The group has access to Core Facilities of CEITEC including among others 6 NMR spectrometers (500, 600, 2x700, 850, and 950 MHz), CD, SPR, ITC, DSC, analytical ultracentrifugation, X-ray diffraction, small angle X-ray scattering, etc.

Requirements:

Candidates should hold a PhD degree in biochemistry, structural or molecular biology. Hands-on experience with protein expression and purification is prerequisite. Expertise in biomolecular NMR and NMR structure calculation methods is a plus.

Employment conditions:

The position will start as soon as possible, and is well funded for three years. Initial contract will be for one year with the possibility to be extended for another two years pending successful performance.

Applications and informal queries about the research project should be directed to kostas.tripsianes@ceitec.muni.cz. Applications should include a letter of motivation summarizing current and future research interests, a CV, list of publications and contact information for at least two references.