

We invite applications for a

post-doc position

in dr Jan Stanek's group under a grant

"Novel methods for dynamics and structural studies of biomolecules by Nuclear Magnetic Resonance in the solid-state with ultrafast magic-angle spinning"

in the framework of "Polish Return" programme financed by [Polish National Agency for Academic Exchange \(NAWA\)](#)

We offer:

- remuneration of 7600 PLN gross per month, full-time employment, temporary contract (12 months)
- work in a newly established, young and dynamic research group
- great and ambitious research topics
- access to the state-of-the-art NMR equipment and protein overexpression labs in CNBCh
- comfortable, air-conditioned office room + portable computer
- collaboration opportunities with well-recognized foreign researchers

Requirements/Candidate's profile:

- PhD degree in chemistry, biology, physics or related fields
- proven expertise in biological or materials NMR (either in solids or solution): at least 1 first-authorship publication in an NMR journal, or in which NMR was the key research method
- excellent communication in English in speech and writing

we particularly appreciate:

- high motivation, interest in the subject, work involvement
- teamworking skills, evidence of organisational capabilities
- laboratory expertise, particularly in protein/DNA handling (overexpression, purification, crystallisation)

Primary responsibilities:

- unassisted setup of NMR measurements
- development of new NMR experiments or its building blocks
- analysis of multidimensional NMR spectra and data reduction
- preparation of isotopically labelled protein samples
- preparation of manuscript drafts; presentation of results (reports, slides, graphics, seminars) in English

Application procedure:

1. preselection based on the e-mail applications (jan.stanek@chem.uw.edu.pl)
2. interviews lead by 3-person Selection Committee (between 1th and 15th of June)

Applicants will be notified about the Committee's decision by e-mail by June 20th. The outcome of the contest will be also published on the Faculty of Chemistry webpage. *We reserve the possibility of postponing or cancellation of the contest in the absence of suitable applications.* The competition is the first stage of the employment procedure, and its positive outcome is the basis for further proceedings.

Required documents:

- cover letter
 - CV with clearly specified: mastered software, professional skills (e.g., laboratory skills, mastered analytical equipment), soft skills, contact data (email, telephone)
 - list of all scientific publications in peer-reviewed journals (with citation counts and 5Y journal IF)
 - at least 2 contact persons to provide references
 - consent to process the personal data
- (please download, fill and send back the scanned form, <http://nmr.cent3.uw.edu.pl/nawa>)

Application deadline: May 30th, 2019

Requests for extra information (e.g. detailed project description) or informal enquires can be addressed by e-mail or obtained in person (room no. 0.06, CNBCh). Group webpage: <http://nmr.cent3.uw.edu.pl>