

The Director of the Institute for Nanomaterials, Advanced Technologies and Innovation, Technical University of Liberec announces the following selection procedure for the position:

FIRST STAGE RESEARCHER AT THE DEPARTMENT OF NANOTECHNOLOGY AND INFORMATICS – 8230 – TR 14

PROJECT OP VVV – HYBRID MATERIALS FOR HIERARCHICAL STRUCTURES
REG. NO. CZ.02.1.01/0.0/0.0/16_019/0000843

Job description:

- junior researcher at the Department of Nanotechnology and Informatics – Biochemist/ Chemist/ Biologist with expertise in development and/or testing of (nano)materials
- research and publishing activities, self-education activities, participation in realization of research project focused on development and characterization of nanomaterials and nanofibrous barrier systems for regenerative medicine and targeted drug delivery

Required qualifications:

- expertise in biochemistry and/or chemistry and/or bio sciences and/or pharmacy
- experience with working in (bio)chemical, chemical or analytical lab is an advantage
- experience with preparation and testing of polymer and biopolymer based (and other organic compounds) materials/ nanomaterials for medical and drug delivery applications analysis is an advantage
- experience with design and performing of degradation kinetics and active compound release kinetics studies is an advantage
- experience with working with cell and /or microbiological cultures is an advantage
- creative thinking, the ability to work systematically and to make conclusions based on the experiments performed
- sense of responsibility and ability to work in team
- oral and written communication skills to present scientific results
- experience with publishing of scientific results is an advantage

Required education and practice:

- university degree (M.Sc. or equivalent) in the field of engineering or sciences obtained before 9/2019
- readiness to start Ph.D. at the TUL (Applied sciences in engineering, Nanomaterials or equivalent area) is advantage
- experience with work in chemical, biochemical and/or biotechnology lab
- experience in scientific publishing
- good knowledge of English language both written and spoken, knowledge of another foreign language advantage
- communication skills in Czech language is advantage

Employment relationship:

- part-time (50 %) job or by agreement
- the contract will be concluded for 1 year, or in case of an agreement (*max. 3 years*) with the opportunity of prolongation in relation to the project realization and internal TUL regulations

Date of commencement of employment:

- September 2019 or by agreement

Salary:

- Wage rate C1 (R1) according to the TUL Internal wage regulations in relation to the position and expert praxis
- Possibility of granting a personal bonus after the trial period in connection with the performance evaluation

Working conditions and wage classification is governed by the Work rules, Inner wage regulation of the Technical University of Liberec, the Labor Code and the Regulations.

We offer:

- interesting, varied and responsible job
- 6 weeks of holidays (30 days)
- flexible working time
- university canteen
- university kindergarten
- children's playground for toddlers
- possibility of accommodation in the university dormitory
- pension or life insurance benefits
- language courses in the University language school

The application form must be accompanied with the following paper documents:

- a) brief CV
- b) brief description of previous professional activities
- c) evidence of completion of education, evidence of professional competence and membership in professional associations

In the first round, the paper documents will be assessed, in the second round, selected candidates will be required to undergo personal interviews. All applicants will be informed about the result within 30 days from the end of the selection process.

Please, submit the application together with the above mentioned documents by email or mail no later than on 15th August 2019 to the following address:

**Technical University of Liberec
Personnel Department
Studentská 2
461 17 Liberec 1**

Contact person: Ing. Alena Šírková, Personnel Department
e-mail: volnamista@tul.cz

The announcement of the above mentioned position is made public from 15th July 2019 on the official board of the Technical University of Liberec (<http://www.tul.cz/uredni-deska/uredni-deska-tul/vyberova-rizeni-volna-mista>), on the web page of the Institute for Nanomaterials, Advanced Technologies and Innovation <http://cxi.tul.cz/o-nas/volna-pracovni-mista.html>, on the employment portal of the Ministry of Labour and Social Affairs (<http://portal.mpsv.cz>), and on the portal: (<http://www.euraxess.cz/>)

