

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

## **JUNIOR RESEARCHER AT THE DEPARTMENT OF NANOTECHNOLOGY AND INFORMATICS – 8230 VŘ 11**

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

### ***Job description:***

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- junior researcher at the Department of Nanotechnology and Informatics – Biochemist/ Chemist with expertise in development and/or testing of nanomaterials
- 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:***

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- expertise in chemistry and/or chemistry
- experience with working in biochemical, 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:***

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- university degree (M.Sc. or equivalent) in the field of engineering or sciences obtained by 30<sup>th</sup> June 2018
- being PhD student is an advantage (readiness to study Applied sciences in engineering, Nanomaterials or equivalent, begin in 2018)
- 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:***

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- part-time (50 %) job or by agreement
- the contract will be concluded for a 1 year or for the duration of the project



***Date of commencement of employment:***

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- July 2018 or by agreement

***Salary:***

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- Wage rate C2. Salary is dependent on applicant's CV and is based on collective agreement with the Technical University of Liberec

Working conditions and wage classification is governed by the Work rules, Inner wage regulation of the Technical University of Liberec, the Labour Code and the Regulations of selection process for filling vacancies of academic staff and other employees of the Technical University of Liberec.

***We offer:***

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- work in projects
- pleasant working environment
- interesting, varied and responsible work
- flexible working time
- child care, babysitting, kindergarten
- language courses
- university canteen
- 5 weeks of holidays
- possibility to be accommodated in a university dormitory

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

- a) brief CV
- b) brief description of previous professional, scientific and publication activities
- c) evidence of completion of education, evidence of professional competence and membership in professional associations, references from previous work – please provide contacts to two persons

***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 17<sup>th</sup> June 2018 to the following address:***

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

Contact person: Mgr. Jitka Havlíková, Personnel Department  
e-mail: [volnamista@tul.cz](mailto:volnamista@tul.cz)

***The announcement of the above mentioned position is made public from 17<sup>th</sup> may 2018 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/>).***

