

Hiring PhD students in nanotechnology!

PhD in drug delivery

- Development of novel drug delivery systems for ophthalmological research by electrospraying and electrospinning.
- Characterization of pharmacological and biological performance of developed systems.
- Requirements: knowledge of nanotechnology, pharmacology, material science and/or biological background.

PhD in nanotechnological device development

- Development of advanced systems for nanoparticle and nanofiber production.
- Combination of computer modelling, mechanical engineering and programming of automated systems.
- Realization of your ideas from computer model to functional prototypes!
- Requirements: knowledge of computer modelling (COMSOL, ANSYS), mechanical engineering, electrical engineering and/or programming of advanced automated systems.

Benefits

- Dynamic and socially important projects.
- Highly competitive salary based on Marie Skłodowska Curie ITN provisions.
- Funds to participate in training activities of the transMed network.
- Funds for presence on international conferences.
- Soft-skill training in field of publication writing, patenting, business development.

Eligibility criteria

- Finished master or equivalent degree.
- Not worked/studied in the Czech republic longer than 12 months in the past 3 years
- Has not been awarded PhD degree
- Is in the first four years of research career
- The selection will be based on evaluation of researcher quality, skills and motivation

transMed project

transMed project is focused on development of novel treatments for retinal degeneration. The consortium develops network of PhD students with interconnected topics covering full range from drug development, evaluation on basic cell models, in vitro and in vivo testing, upscaling to pharmaceutical production and clinical testing. All involved PhD students will participate in seminars, webinars, secondments and hands on courses under the project. The involved institutions are Eberhard Karls Universität Tübingen (DE), Università degli Studi di Modena e Reggio Emilia (IT), Lunds Universitet (SE), Haskoli Islands (IS), SP Process Development (SE), Oculis (IS), PamGene (NL) and InoCure (CZ).

InoCure s.r.o.

InoCure s.r.o. is a dynamic SME focused on development of advanced nanomaterials for life science use. We are involved in several international research projects and perform custom research/development for our customers. InoCure laboratory is located in Prague and enables realization of advanced engineering and nanotechnological projects.

In case of interest for application please write on info@inocure.cz. We want to know more about you! Deadline for application is 1.2.2018. For more information about InoCure please visit www.inocure.eu.