OFFER FOR THE PhD POSITION IN THE PROJECT OF NCN OPUS 14

The Department of Physicochemistry and Technology of Polymers is looking for a candidate for the position of PhD STUDENT within the project of NCN OPUS 14 ST5 "Co-delivery drug systems based on ionic graft polymers carrying pharmaceutical anions with antibacterial activities for combined therapy"

Requirements:
• completed Master's degree with the profile of chemistry or chemical technology;
• during PhD studies or willingness to take them in the academic year 2018/2019 at the Faculty of Chemistry of the Silesian University of Technology;
• basic knowledge in the field of polymers, in particular polymer synthesis by controlled polymerization methods (ATRP) and polymer modification;
• experience in laboratory work and physicochemical characteristics of polymers;
• good knowledge of English and the ability to prepare conference materials;
• ability to critically evaluate the results;
• conscientiousness, accuracy, good work organization and teamwork skills.

Task description: The PhD student will take part in the implementation of the above-mentioned research project accepted for funding in the OPUS 14 competition. The PhD student will join the team headed by prof. Dorota Neugebauer. The scholarship's tasks will include: synthesis of ionic graft copolymers, including their modification by anion exchange, drug encapsulation process, release of biologically active substances, and physicochemical characterization of prepared copolymers and participation in preliminary biological studies;

Required documents:
• CV with a list of achievements and a description of the candidate's scientific skills;
• Letter of motivation;
• Documentation confirming the candidate's qualifications and achievements (publications, conference presentations, certificates, diplomas, awards, certificates on participation in scientific projects, traineeships and courses);
• A copy of the master's diploma or a certificate of completion of the master's studies issued by the dean's office in which the diploma process was completed;
• Contact details of the person (s) who can issue references;
• A declaration on the intention to apply for admission to PhD studies at the Faculty of Chemistry of the University of Silesia in the academic year 2018/2019, or a certificate of being a participant of PhD studies valid on the day of beginning of tasks in the project.

Time and form of submitting applications: Applications should be sent by September 25, 2018 via email to: dorota.neugebauer@polsl.pl, stating in the title of the message: "PhD - OPUS 14".

Conditions of employment:
• PhD student at the Department of Physical Chemistry and Organic Technology, Faculty of Chemistry, Silesian University of Technology.
• Scholarship in the amount of PLN 2,500 paid monthly for 12 months, with the possibility of extension to 28 months.

Additional information: Please add the clause to the notification: "I agree to process my personal data contained in my job offer for the needs of the recruitment process (in accordance with the Act of 20/08/1997 on the protection of personal data - Journal of Laws No. 133 item 883.)."

Candidates' applications will be evaluated in accordance with the regulations for the awarding of scholarships for young researchers in research projects and the regulations for granting scholarships for young researchers under ETIUDA scholarships financed by the National Science Center (Annex to the Resolution of the NCN Council 50/2013 of 3 June 2013 year).

The scholarship holder will be selected by the competition commission headed by the project manager - prof. Dorota Neugebauer. During the competition procedure, selected candidates will be asked to present the results of their previous scientific studies in the form of a presentation.

For additional information, please contact: dorota.neugebauer@polsl.pl