



**Institute of Physical Chemistry  
Polish Academy of Sciences  
(IPC-PAS)**

Warsaw, 21 May 2018

OPEN COMPETITION FOR THE POSITION OF

**PhD STUDENT - Stipendist**

IN THE TEAM No. 6 „NANOELECTROCHEMISTRY” OF IPC PAS,

WITHIN THE PROJECT NO 2016/23/B/ST4/02868,

**„Mechanisms of interaction between silver nanoparticles and biological cells”**

realized in the Opus 12 Program financed by the National Science Centre  
(Poland) (number of vacancies: 1)

Principal Investigator: Wojciech Nogala

The main **objective of the project** is to elucidate the mechanisms of the action of silver nanoparticles on bacteria. The candidate will be involved in research including synthesis of silver nanoparticles, immobilization of bacteria on solid supports, fabrication of nanoelectrodes, intracellular electroanalytical studies, scanning and fluorescent microscopy studies on nanoparticles and bacteria.

**Conditions to be met by the candidate:**

- ✓ Master's degree in chemistry, physics, engineering or related sciences, obtained not later than 3 years ago,
- ✓ Good knowledge of English (Polish language is not mandatory),
- ✓ Experience in experimentation,
- ✓ Participation in scientific projects,
- ✓ Self-motivation for scientific work,

**Scholarship / salary:**

- ✓ A scholarship paid by NCN in the net amount of 3000 PLN per month for 29 months (more than average net salary in Poland, allowing decent living standard in Warsaw),



- ✓ Additional around 500 PLN per month in the position of assistant at the ¼ working time payable by IPC-PAS,
- ✓ Possibility of additional scholarship paid by the IPC-PAS in the net amount 1570-1800 PLN per month, according to internal rules of the IPC-PAS:  
[http://ichf.edu.pl/msd/2017-09-29\\_stypendia\\_dot\\_stat\\_grant.pdf](http://ichf.edu.pl/msd/2017-09-29_stypendia_dot_stat_grant.pdf)
- ✓ Possibility of further employment/scholarship (after 29 months of NCN scholarship) to complete IPC-PAS International Doctoral Studies (48 months) according to internal IPC-PAS rules valid in due course,
- ✓ Possibility of employment in the IPC-PAS before beginning of the PhD studies (November 1, 2018).

#### **Social benefits:**

- ✓ Private healthcare program,
- ✓ Physician and dentist available in the IPC-PAS,
- ✓ Access to sport and recreation centres at discount prices,
- ✓ Access to cultural events sponsored by IPC-PAS,
- ✓ Possibility to rent a room in the PhD student dormitory at preferential price.

#### **Career development benefits:**

- ✓ Work in outstanding institution,
- ✓ Planned research visit to University of Oldenburg, Germany,
- ✓ Participation in international conferences,
- ✓ Pursuing PhD degree.

#### **The following should be included in the competition application:**

- ✓ Job application,
- ✓ Curriculum vitae,
- ✓ Summary of professional accomplishments (not exceeding 3500 characters), containing concise information about (i) scientific interests, (ii) past scientific achievements, highlighting the three most important, (iii) participation in research projects,
- ✓ Scan or photocopy of a university degree
- ✓ List of publications, patent applications/patents, research projects (if applicable)
- ✓ Recommendation letter(s),
- ✓ Consent regarding the collection and processing the candidate's personal data for the purpose of the competition:  
[http://ichf.edu.pl/gen\\_inf/gen\\_pl/formul/Oswiadczenie-declaration\\_doktorant-stypendysta.doc](http://ichf.edu.pl/gen_inf/gen_pl/formul/Oswiadczenie-declaration_doktorant-stypendysta.doc)



**Envisaged Job Starting Date:**

No later than **November 1, 2018**, and a necessary condition is that successful candidates need to have a status of PhD student at the Institute of Physical Chemistry PAS before starting work within the Project.

Competition applications should be sent by e-mail to dr. Wojciech Nogala, [wnogala@ichf.edu.pl](mailto:wnogala@ichf.edu.pl) or to the following address:

Institute of Physical Chemistry PAS  
Kasprzaka 44/52, 01-224 Warszawa

Please write on the envelope: "Competition for the position PhD Student (project no: 2016/23/B/ST4/02868)".

The **deadline** for the submission of application is **June 18, 2018** at 11:59 pm.

The Competition results shall be made known on July 2, 2018

**Recruitment procedure:**

The scholarship will be awarded in accordance with the rules defined by National Science Center's document „Regulamin przyznawania stypendiów naukowych dla młodych naukowców w projektach badawczych oraz regulamin przyznawania stypendiów naukowych dla młodych naukowców w ramach stypendiów doktorskich ETIUDA finansowanych ze środków Narodowego Centrum Nauki.”:

[https://www.ncn.gov.pl/userfiles/file/konkursy\\_ogloszone\\_2016-09-15/opus12-zal6.pdf](https://www.ncn.gov.pl/userfiles/file/konkursy_ogloszone_2016-09-15/opus12-zal6.pdf)

In the first stage the candidates will be assessed on the basis of submitted documents. Among the candidates who received high marks in the assessment the Competition Commission will select the best candidates.

The best candidates who meet the Competition requirements will be invited for the interview for the IPC PAS International Ph. D. Studies. The interview (on-site or via Skype) will take place on 29.06.2018 at 9:00 AM CEST (UTC/GMT +2h).

The information about the admission procedure for the International PhD Studies at IPC PAS and about the required documents can be obtained on the website: <http://ichf.edu.pl/msd/indexen.html> and in the Institute's secretary office.

The candidates who already have the status of Ph. D. student at the IPC PAS are exempt from the interview IPC PAS International Ph. D. Studies.



From among the candidates who have passed the interview for the IPC PAS International Ph.D. Studies with at least a good grade, the Committee will select the best candidate to be granted the scholarship in the Project. The scholarship is awarded to the first person on the ranking list, which received the highest score.

In the event that the winner of the Competition resigns from signing the scholarship agreement, the scholarship will be awarded to the next person from the ranking list.

ZASTĘPCA DYREKTORA  
d/s Naukowych

  
Prof. dr hab. Marek Tkacz