

Kraków, May 10, 2018.

**JERZY HABER INSTITUTE OF CATALYSIS AND SURFACE CHEMISTRY
Polish Academy of Sciences in Krakow (IKiFP PAN)**

call for position of assistant professor in the research group COLLOIDS IKiFP PAN.

Jerzy Haber Institute of Catalysis and Surface Chemistry PAS invites applications for an assistant professor Position in the “COLLOIDS” group. The candidates who meet the conditions stated in the act “Ustawa o Polskiej Akademii Nauk” dated 30 April 2010 (Dz.U. 2018 poz. 1475 z póź. zm.), art 89. ust 4 for the position of assistant professor are encouraged to apply for the position.

I. The Candidate will participate in research conducted in the ‘COLLOIDS’ group. The main focus of the Candidate’s research will be determining mechanisms of protein adsorption at solid/electrolyte interfaces especially at various sensors; determining the coverage, structure, stability and electrokinetic properties of protein monolayers, interactions with microparticles, macroions or protein ligands (binding energy). The Candidate is expected to be well prepared for conducting advanced research in the field of protein systems with the emphasis on AFM, gravimetric and electrokinetic techniques. She/he is also expected to perform a thorough interpretation of obtained results, to develop new experimental techniques, to prepare patent applications and to implement obtained results in practice.

II. Conditions to be fulfilled by the Candidate:

1. PhD degree in Chemistry
2. Practical experience in conducting research work using microscope techniques, especially the AFM, electrokinetic (LDV) and gravimetric methods, applied for protein systems.
3. Ability to quantitatively interpret experimental data using advanced computer modeling based on coarse-grained approaches, especially various RSA models.
4. Scientific achievements (publications from JCR list) in the area of colloid and protein dynamics.

The Candidate should submit the following documents:

1. An application.
2. A copy of scientific degree certificate.
3. Full CV (including information on maternal leaves, voluntary work and periods of work in the industry).
4. At least one opinion on the Candidate given by an independent researcher.

5. List of scientific achievements.

6. The Candidate's own report on his/her scientific interests and research aims (an A4 page).

7. Consent to the processing of personal data for the needs necessary to carry out the recruitment process in accordance with the Act of 29 August 1997 on the protection of personal data (t.j. Dz. U. z 2016 r. poz. 922, z 2018 r. poz. 138, 723.) and fill in the form „Obowiązek informacyjny dla osób mających podjąć pracę/współpracę” confirming acquainting with its content. The form is available on the institute website [\[FORM\]](#).

III. Within the competition proceedings Candidates may be asked to publicly present their scientific achievements at IKiFP PAN, in seminar form.

IV. Applications should be sent in electronic form to: ncikifp@cyf-kr.edu.pl, with the message subject “assistant professor – COLLOIDS- KOL2019 ”

The time limit for handing in the documents expires on 10th of June 2019, at 3 p.m. o'clock.

The competition will be finally settled by the end of June 2019. The Candidates will be notified of the result.

V. The successful Candidate will be employed in accordance with the provisions of the Labour Code for a full time employment.

VI. The Institute has been adapted to the needs of the disabled. The Institute does not provide accommodation.