



KSN 3/2021

Kraków, 11.03.2021

Assistant Professor (Adjunct) in the group of Soft Matter Nanostructures

- Employer: Jerzy Haber Institute of Catalysis and Surface Chemistry Polish Academy of Sciences, Krakow, Poland
- Research field:
Chemistry> physical chemistry, colloid and surface chemistry, nanostructures
- Researcher profile: R2
- Deadline for applications: 07.04.2021, 3:00 pm GTM+1
- Place: Poland, Kraków
- Type of Contract: at least 12 months
- Job Status: Full-time
- Working hours/week: 40
- Start of employment: 01.07.2021
- Key Words: functional thin films, nanoparticles, adsorption

Jerzy Haber Institute of Catalysis and Surface Chemistry PAS invites applications for an assistant professor (adjunct) in the Soft Matter Nanostructures 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. 3, the position of Assistant Professor (Adjunct) are encouraged to apply for the position.

The Candidate will take part in research conducted by the group of Soft Matter Nanostructures, which focus on:

- The synthesis of nanoparticles and nanocapsules, encapsulation of neuroprotective or anticancer drugs
- Formation and investigation of functional thin films properties – antiadhesive, antimicrobial, mechanochromic
- Development of new antimicrobial materials based on metallic nanoparticles (Au, Ag, Zn, Cu, Sn)

In particular the Assistant Professor (Adjunct) will be responsible for:

ul. Niezapominajek 8, 30-239 Kraków, Polska
tel. +48 12 639 51 01, +48 12 425 19 23
fax +48 12 425 19 23

Nr konta: Bank Gospodarstwa Krajowego
PL 36 1130 1150 0012 1186 5820 0004
NIP: 6750001805, REGON: P-000326351



- Conducting research work in accordance with the Institute's profile, in particular in colloid and surface chemistry
- Planning and analysis of the results of experiments and preparation of publications
- Research project applications

Required education:

PhD Diploma in chemistry, biophysics, biochemistry or related.

Skills/qualifications:

- 1) Knowledge of techniques for nanomaterials characterization.
- 2) At least 6-month postdoctoral fellowship in a unit other than the one in which the Candidate (s) performed his doctorate.
- 3) Experience documented by publications from JCR list:
 - in the synthesis and characterization of nanomaterials
 - in the field of formation and characterization of functional thin films

Specific requirements:

1. An application.
2. 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 "Consent to the processing of personal data" confirming acquainting with its content. The form is available on the institute website [\[FORM\]](#).
3. A copy of scientific degree certificate.
4. Full CV (including information on maternal leaves, voluntary work and periods of work in the industry).
5. At least one opinion on the Candidate given by an independent researcher.
6. List of scientific achievements (scientific papers, patent, patent applications, grants, etc.).
7. The Candidate's report on his/her scientific interests including personal development plan (an A4 page).



Instytut Katalizy i Fizykochemii Powierzchni
im. Jerzego Habera
Polskiej Akademii Nauk



HR EXCELLENCE IN RESEARCH

Languages:

Fluent English in speech and writing (confirmed by a certificate)

Research experience:

4-10 years in research in physics / chemistry / biochemistry related to the application of imaging fluorescence and confocal microscopy

Additional information:

Remuneration:

The gross salary will be at least **1000 Euro (4700 PLN/month)** depending on the Candidate's experience.

Eligibility criteria:

- Doctoral degree in chemistry, physics, biophysics, biochemistry or related.
- Documented research achievements confirmed by publications from the JCR list or patents confirming the required experience.
- Required qualifications documented by publications,
- Participation in a research internship / internships in centers other than those where the doctoral degree was obtained.

Selection process:

Applications should be sent in the electronic form to ncikifp@cyf-kr.edu.pl with the subject title "Assistant Professor KSN 3/2021"

Deadline for applications: **07.04.2020 at 3:00 pm GTM+1**. The competition will be settled by **14.04.2020**. The candidates will be notified of the results.

The employment will proceed in accordance with the rules of Labour Code for 24 months.

Additional information:

The Institute has been adapted to the needs of the disabled. The Institute does not provide accommodation. The recruitment process is conducted according to [OTM-R policy](#).