



**INNOVATIVE ECONOMY**  
NATIONAL COHESION STRATEGY



EUROPEAN UNION  
EUROPEAN REGIONAL  
DEVELOPMENT FUND



**Institute of Physical Chemistry Polish Academy of Sciences**

*offers fellowships*  
*in the Project*



HR EXCELLENCE IN RESEARCH

## **Functional Hybrid Materials and Interfaces 'FUNMAT-FACE'**

realized within the **TEAM Programme** of Foundation for Polish Science,  
cofinanced from European Union, Regional Development Fund

**3 PhD Students**

**4 000 PLN per month**

**Project coordination: Prof. Janusz Lewiński**

Duration of the project: April 2017 – March 2020

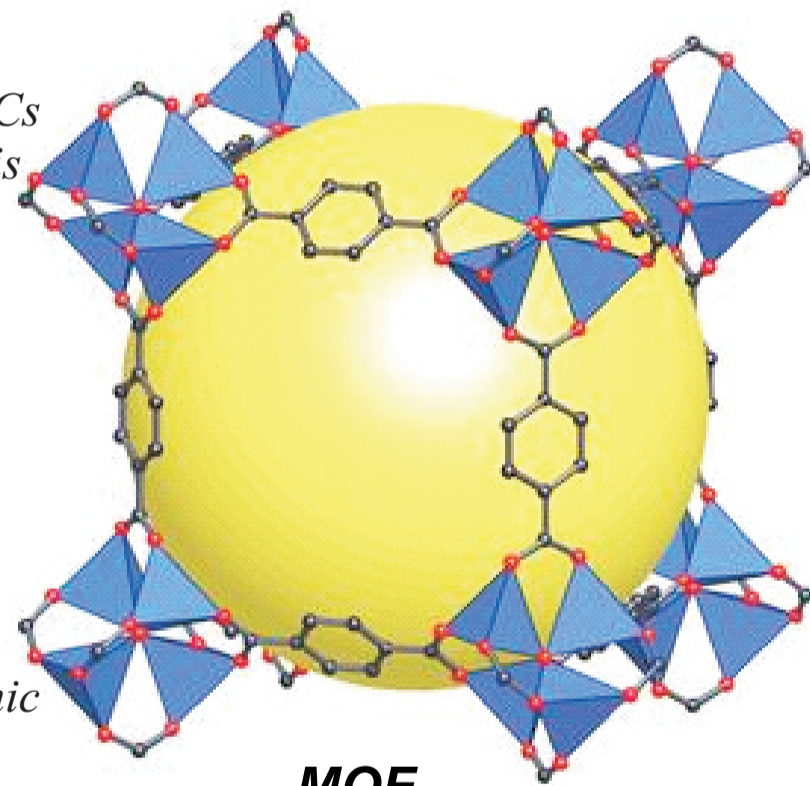
Fields: *New materials and technology, nanotechnology, biotechnology and bioengineers*

### **Key responsibilities include:**

1. *Development of efficient synthetic methods and controlled functionalization of vast arrays of high-quality colloidal ZnO NCs*
2. *Rational-by-design strategy of novel ZnO NCs: towards catalysis and bioapplication*
3. *Synthesis of novel molecular homo- and hetrometallic building blocks as MOFs' precursors*
4. *MOFs functionalized with ZnO Nanocrystals*

### **Requirements:**

1. *Status of PhD student in chemistry,*
2. *MSc. degree in chemistry or biotechnology,*
3. *Recommended experience in laboratory work in field of inorganic and coordination chemistry and/or Hybrid organic-inorganic functional materials and/or semiconductor nanomaterials,*
4. *Good command in English*



**MOF**

### **Applications:**

Candidates should submit their applications: **CV, application form,\* transcript of records** (copy of MSc. diploma), **recommendation letter,\* cover letter,**

\* the form will be available on web site: <http://lewin.ch.pw.edu.pl>

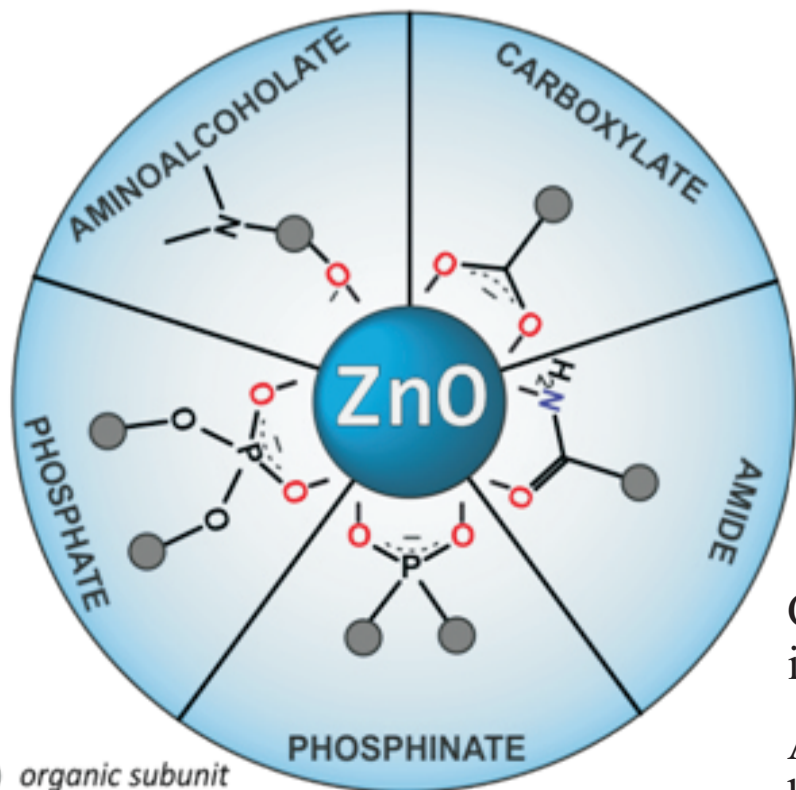
should be submitted before **April 24, 2017**

via email:

**[lewinskiteam@ichf.edu.pl](mailto:lewinskiteam@ichf.edu.pl)** with note **PhD Student TEAM**

Candidates selected in the recruitment process will be invited for an interview.

Additional information is available on web site:  
<http://lewin.ch.pw.edu.pl>, <https://euraxess.ec.europa.eu/jobs/198437>



**Quantum Dots**