



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 Students

2 000 PLN per month

Project coordination: Prof. Janusz Lewiński

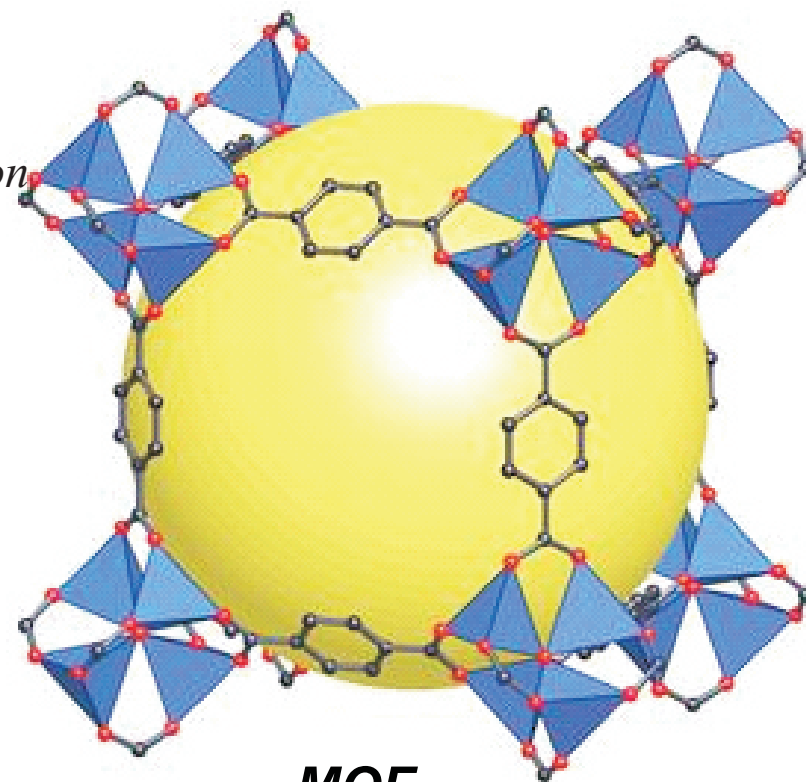
Duration of the project: April 2017 – March 2020
Fields: *New materials and technology, nanotechnology, biotechnology and bioengineers*

Key responsibilities include:

1. *Synthesis of novel molecular homo- and heterometallic building blocks as MOFs' precursors*
2. *ZnO NCs' surface modifications: post-synthetic functionalization and bioconjugation of ZnO QDs*
3. *Synthesis and investigations of physical-chemical properties of ZnO NCs*

Requirements:

1. *Status of Student 1st. or 2nd. Degree,*
2. *Basic knowledge in inorganic, organic and organometallic chemistry,*
3. *Communicativity in English*



MOF

Applications:

Candidates should submit their applications: **CV, application form,* transcript of records** (copy of engineer's or BSc. diploma, if applicable), **cover letter**

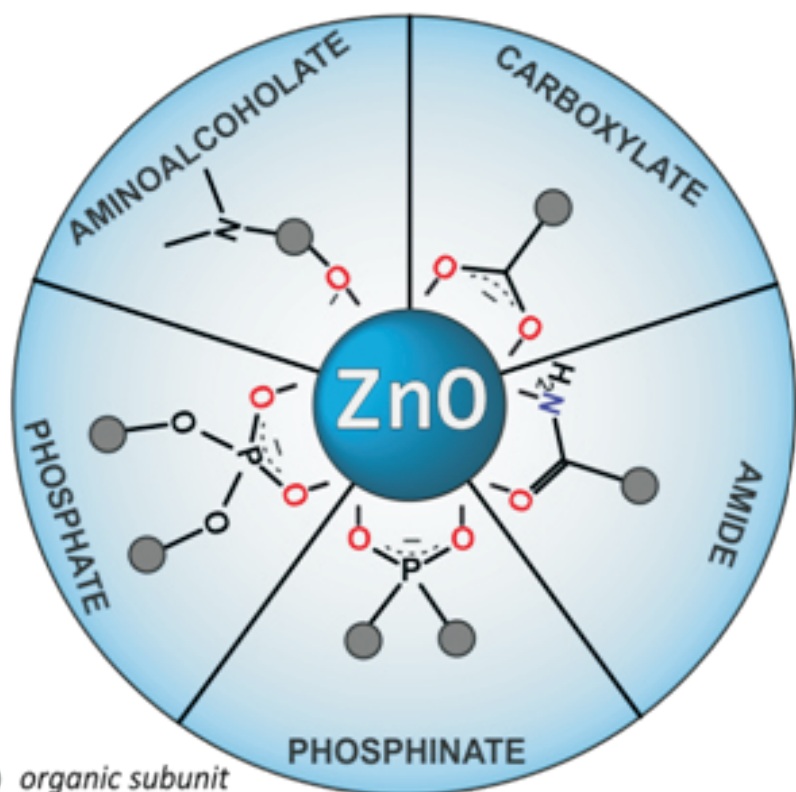
* the form will be available on web site: <http://lewin.ch.pw.edu.pl>

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

via email: lewinskiteam@ichf.edu.pl with note **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>



Quantum Dots