

## JOB OFFER

Position in the project:	PhD Student
Scientific discipline:	Raman spectroscopy in biological systems
Job type (employment contract/stipend):	Stipend
Number of job offers:	1
stipend amount/month	6 500 PLN/month
Position starts on:	01.07.2018
Maximum period of contract/stipend agreement:	3 years
Institution:	Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland
Project leader:	Dr hab. Agnieszka Kamińska
Project title:	<i>Future diagnostic RaMan devlce (FORMI) for detection of medical and environmental pathogenic bacteria.</i>
Project description:	The aim of this project is to develop a novel, portable device (FORMI) based on surface-enhanced Raman scattering (SERS)-active nanostructures and microfluidics for sensitive, simple, quick and on-site detection of pathogenic bacteria from clinical and environmental samples.
Key responsibilities include:	<ol style="list-style-type: none"> <li>1. Preparation of nanostructures for SERS analysis of bacteria.</li> <li>2. Cultivation of bacteria cultures</li> <li>3. Analysis of SERS data of bacteria</li> <li>4. Integration of SERS plasmonic nanostructures with microfluidic devices.</li> </ol>
Profile of candidates/requirements:	<ol style="list-style-type: none"> <li>1. MSc degree in Chemistry, Biochemistry</li> <li>2. Familiarity with Raman spectroscopy, scanning electron microscopy, microfluidic techniques and chemometric analysis</li> </ol>
Required documents:	<ol style="list-style-type: none"> <li>1. CV</li> <li>2. Motivation Letter</li> <li>3. Reference letter (s) from two former employers/supervisors.</li> </ol>
We offer:	Work in a young and interdisciplinary team in excellent scientific institution.
Please submit the following documents to:	akamin@ichf.edu.pl
Application deadline:	June 15th 2018 We will contact selected candidates only.
For more details about the position please visit (website/webpage address):	<a href="http://www.bio-sers.pl/">http://www.bio-sers.pl/</a>
Euraxess job/stipend offer (in case of PhD and postdoc positions):	<a href="http://www.eurosciencejobs.com">http://www.eurosciencejobs.com</a>

---

Please include in your offer:

“I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Personal Data Protection Act as of 29 August 1997, consolidated text: Journal of Laws 2016, item 922 as amended.”