

JOB OFFER

Position in the project:	Student
Scientific discipline:	physics
Job type (employment contract/stipend):	stipend
Number of job offers:	1
Remuneration/stipend amount/month :	1.000 PLN/month
Position starts on:	01.10.2020
Maximum period of contract/stipend agreement:	01.10.2020-30.09.2022 (24 months)
Institution:	<p>University of Warsaw, Faculty of Physics</p> <p>Institute of Experimental Physics, Division of Optics, Photonic Nanostructure Facility (PNaF)</p> <p>Warsaw, Poland</p>
Project leader:	Dr. Piotr Wasylczyk
Project title:	<p><i>A platform for fast, label-free imaging, identification and sorting of leukemic cell sub-types</i></p> <p>Project is carried out within the TEAM_NET programme of the Foundation for Polish Science</p> <p>The project consortium is headed by Prof. Czesław Radzewicz and the research group at the University of Warsaw is led by Dr. Piotr Wasylczyk.</p>

Project description:	The goal of the project is to design, build and optimize a Stimulated Raman Microscopy platform, combined with a microfluidic device, for fast imaging of living blood cells. The collected data, together with a leukemia cell database, will be used to identify and sort the cells for further diagnostic and/or therapeutic applications.
Key responsibilities include:	<ol style="list-style-type: none"> 1. Constructing experimental setups. 2. Writing codes for data acquisition and analysis.
Profile of candidates/requirements:	<ol style="list-style-type: none"> 1. Basic experience in experimental physics, biophysics, chemistry, opto-electronics, or similar area. 2. Basic experience in experimental data analysis. 3. Spoken and written English.
Required documents:	<ol style="list-style-type: none"> 1. CV 2. Cover letter including the description of scientific interests and research experience (if applicable). 3. Confirmation of the student status. Having a student status is required from the beginning of the involvement in the project.
We offer:	<ol style="list-style-type: none"> 1. Participation in cutting-edge research. 2. Collaboration with several partners in the area.
Please submit the documents to:	<p>pwasykcz@fuw.edu.pl</p> <p>with the email title "FNP TEAM-NET Student Application"</p> <p>In case of a successful application, please provide the original documents within a week to the project leader</p>
Application deadline:	05.09.2020; 9:00 a.m. CET
For more details about the position please visit (website/webpage address):	The website http://photonics.fuw.edu.pl/
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."	