

JOB OFFER

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| Position in the project: | Task Leader of Targeted Proteomics |
| Scientific discipline: | Targeted Protein Mass Spectrometry, Mass Spectrometry Core Facility |
| Job type (employment contract/stipend): | Full employment contract |
| Number of job offers: | 1 |
| Remuneration/stipend amount/month (*X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN*): | 3 800 PLN netto |
| Position starts on: | 01.11.2017 |
| Maximum period of contract/stipend agreement: | 36 months (plus possible extension for another 24 months after positive assessment of grant progress) |
| Institution: | Institute of Biochemistry and Biophysics - PAS |
| Project leader: | Prof. hab. Dr. Michal Dadlez |
| Project title: | Mass Spectrometry of Biopharmaceuticals - improved methodologies for qualitative, quantitative and structural characterization of drugs, proteinaceous drug targets and diagnostic molecules. <i>Project is carried out within the Team Tech Core Facility programme of the Foundation for Polish Science</i> |
| Project description: | <p>This offer is for the targeted proteomics component of the project. In a proteomic study workflow, proteins identified in global-type discovery experiments often need to be verified by methods capable of accurate quantitation and high sensitivity. Our core facility specializes in the analysis of biological samples using multiplexed peptide panels with targeted MS-based methods (multiple reaction monitoring (MRM)) and parallel reaction monitoring (PRM)) for the accurate and sensitive quantitation of specific proteins. MRM/PRM assays are used for biomarker verification and validation, when a highly sensitive and accurate protein measurement is required in hypothesis-driven experiments, and they have seen an increase in use in clinical proteomics and have been deemed key for bridging discovery and clinical implementation. Our core facility has an established MS-based targeted-quantitation technology platform based on the MRM and PRM methods that can be applied as a fee-for-service to a myriad of applications requiring such an approach. In this project, for targeted proteomics, we propose to deliver on three main aims: 1) Develop new MRM/PRM protein assays and expand our existing in-house developed assay panels as dictated by collaborator and client needs and provide these on a service contract basis. 2) Develop new MRM/PRM technologies to expand our assay service capabilities and provide these as new types of service. 3) Develop targeted MS assays for therapeutic monoclonal antibodies and provide these as a service for clinical research and drug monitoring in the clinic. The task leader will be responsible for leading this targeted proteomics platform.</p> |
| Key responsibilities include: | <ol style="list-style-type: none"> 1. Leading a team to develop new MRM/PRM protein assays and expand our existing in-house developed assay panels as dictated by collaborator and client needs and provide these as a service. 2. Lead a team to develop new MRM/PRM technologies to |

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| | <p>expand our assay service capabilities and provide these as new types of service.</p> <p>3. Lead a team to successfully develop targeted MS assays for therapeutic monoclonal antibodies and provide these as a service.</p> |
| Profile of candidates/requirements: | <ol style="list-style-type: none"> 1. PhD degree in proteomics, mass spectrometry, protein biochemistry 2. Previous experience as team leader in core mass spectrometry facility, preferably involving projects in targeted proteomics assay developments 3. At least five years experience in the field 4. Has a record of targeted proteomics assay development as evidenced by publications 5. Experience in targeted proteomic analysis of proteins in body fluids and other varied samples 6. Experienced in international and translational collaborative projects 7. Knowledge of targeted proteomics in translational research and medical applications |
| Required documents: | <ol style="list-style-type: none"> 1. Curriculum Vitae; including publication list 2. Motivation letter |
| We offer: | Full time employment as a technician. |
| Please submit the following documents to: | m.glowacka@ibb.waw.pl |
| Application deadline: | 25.10.2017 |
| For more details about the position please visit (website/webpage address): | |
| Euraxess job/stipend offer (in case of PhD and postdoc positions): | |

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."