

JOB OFFER

Position in the project:	Research group leader (Biobank Group)
Scientific discipline:	Molecular biology, genetics, biotechnology, clinical sciences
Job type (employment contract/stipend):	Employment contract
Number of job offers:	1
Remuneration amount/month:	27000 PLN (~6300 EUR)/ month gross salary includes insurance and retirement contributions. The expected net salary at about 13500 PLN (~3150 EUR)/month (1 EUR = 4,28 PLN). The expected net salary has been calculated based on social insurance and tax collection rates in Poland and assumes no other sources of income.
Position starts on:	July 1 st , 2019
Maximum period of contract/stipend agreement:	August 31, 2023 (with a possibility of renewal)
Institution:	Medical University of Gdańsk, Gdańsk, Poland
Project leader:	Prof. Jan Dumański, prof. Arkadiusz Piotrowski
Project title/Context:	<p><i>Mutations acquired during lifetime that lead to increased risk for human disease, with focus on cancer</i></p> <p><i>The Project/Centre is funded within the International Research Agendas Programme of the Foundation for Polish Science. It is a collaboration between Medical University of Gdansk in Poland and Uppsala University in Sweden</i></p>
Project description:	<p>The 3P-Medicine Laboratory (personalized, preventive, precision) is a new science center specializing in research on acquired genetic mutations as risk factors for cancer and other diseases.</p> <p>In the initial years of operation of the centre, researchers will primarily examine the role of post zygotic mutations (PZMs) in the development of breast cancer in women, prostate cancer in men, cancer of the colon and the bladder in both sexes, as well as Alzheimer's. A part of the project will be devoted to analyses loss of the Y chromosome in aging men, in connection with multiple outcomes. The research will aim at identification of the specific PZMs that are most relevant for susceptibility to these diseases. This will require collection of thousands of clinical samples especially for this purpose from patients at various stages of disease. The samples will be collected from blood and skin, and from malignant tumours, lymph nodes, distant metastases, and tissues unaffected by a nearby primary tumour.</p>
Key responsibilities include:	<ol style="list-style-type: none"> 1. Development and implementation of standard operating procedures for the preparation, storage and processing of biological material; 2. Compliance with European quality standards for biobanking of biological material; 3. Cell culture of tumor cells as well as healthy tissues (epithelial cells, fibroblasts); 4. Next generation sequencing on Illumina

	<ol style="list-style-type: none"> 5. Assign tasks to team members and create the research schedule; 6. Support and scientific assistance for the entire research team; 7. Development of research results for purposes of scientific publications; 8. Development of own research program within the framework of the 3P medicine center.
Profile of candidates/requirements:	<ol style="list-style-type: none"> 1. PhD degree (minimum); relevant disciplines are molecular biology, genetics, biology, biotechnology or clinical sciences; 2. Experience in implementing and maintaining standards in biobanking of biological material (documented with certificates, permissions, decisions); 3. Documented work experience in biobanking or similar scientific activity; 4. Experience in developing procedures for biobanking of biological material; 5. Experience in the preparation of material for genetic analysis of single cells or using tissues prepared with laser microdissection (preferred); 6. Experience in next generation sequencing (preferred) 7. Demonstrated leadership ability in training and supervising a team of scientists.
Required documents:	<ol style="list-style-type: none"> 1. CV; 2. Motivation letter; 3. References to at least three former or current employers /mentors.
We offer:	<ol style="list-style-type: none"> 1. Full-time employment contract; 2. Opportunity to work in an innovative scientific environment; 3. International cooperation with experienced researchers; 4. Administrative support, including assistance in recruiting technicians, PhD and post-doc scientists for your group; 5. Access to well-staffed core facilities; 6. Start-up package and funds allocated to running your group; 7. Access to the state-of-the-art biobank of the Department of Medical Laboratory Diagnostics at the Medical University of Gdansk with its own IT service and fully equipped <i>in vitro</i>, <i>in vivo</i>, proteomic, genomic and histopathology laboratories. This biobank is part the consortium BBMRI.pl. 8. A tenure faculty position at the Medical University of Gdansk might be offered, following a successful evaluation.
Please submit the following documents to:	mab@gumed.edu.pl
Application deadline:	April 15, 2019
For more information about the position please contact:	Jan Dumanski (jan.dumanski@igp.uu.se) or Arkadiusz Piotrowski (arkadiusz.piotrowski@gumed.edu.pl)
Euraxess job/stipend offer (in case of PhD and postdoc positions):	

Due to the entry into force of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016, we also require that your job advertisements include a clause requesting the candidate's consent to the processing of his or her personal data by the institution which carries out the recruitment process.