



UNIwersytet
Warszawski

Wydział Biologii
Institut Genetyki i Biotechnologii



Competition for the position of research and technical specialist in the project

Non-canonical RNA polyadenylation and other post-transcriptional mechanisms
regulatory mechanisms in T cell-dependent adaptive immune responses

Unit name: Institute of Genetics and Biotechnology, Faculty of Biology, University of Warsaw

NCN competition type: Sonata BIS 10

Project leader: Seweryn Mroczek, PhD

Job title: Research and technical specialist

Type: Fixed-term employment contract plus contract of mandate

Project description:

Posttranscriptional regulation of gene expression plays an essential role in shaping the transcriptome of any eukaryotic system and is particularly important in dynamic systems such as the adaptive immune response. Recently, we have shown that in B lymphocytes, cytoplasmic polyadenylation mediated by the noncanonical poly(A) polymerase TENT5C plays an important role in humoral immunity by regulating antibody production and B cell differentiation. Our recent preliminary data show that TENT5C may also play a role in mRNA modification in T cells. In carrying out the project, we will use direct RNA sequencing using the Nanopore technique and other modern molecular biology methods combined with functional studies in mice.

At the organismal level, we will analyze the physiological consequences of the lack of TENT5C polyadenylation in T cells, including the response to T cell-dependent antigens and phenotyping of mice to see if the lack of TENT5C affects changes in cell differentiation.

Job description and responsibilities

- Isolations, in vitro cultures and cytometric analyses of cells isolated from various mouse strains.
- Planning and conducting animal experiments such as immunization with reporter antigen; tissue isolation, blood sampling and their further cytometric and molecular analyses.
- Planning experiments according to the results obtained during the project.
- Performing molecular analyses such as: isolation of proteins and nucleic acids and their further analysis by various molecular biology methods.



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Key requirements

- Master's or PhD degree in biological sciences or related fields.
- Experience working with nucleic acids and primary cell culture.
- Self-motivation, commitment and initiative in action and ability to work in a team.
- Fluency in spoken and written English.
- Reliability, accuracy and punctuality in completing tasks.
- Analytical and forward-thinking skills.
- Familiarity with RNA workflow techniques including Nanopore sequencing, will be an asset

Terms and conditions of employment:

PLN 4700 gross (fixed-term employment contract) + additional remuneration from other laboratory sources depending on the candidate's experience (contract of mandate).

Period of employment: 8 months with possibility of extension of employment.

We offer substantive and technical support, the opportunity for comprehensive development and participation in numerous international collaborations.

Planned start date of employment: 1 June 2025.

Recruitment

Deadline for applications: 26 March 2025.

If interested, please contact us by email at: seweryn.mroczek@gmail.com and send (1) a CV, (2) a cover letter (3) contact information for two academics who can provide references, (4) a scan of the applicant's signed consent to the processing of personal data for the purposes of the recruitment process.

Thanking all applicants for their interest, only selected candidates will be contacted by inviting them to interviews.

.....
given and family name

Information on personal data processing

Controller

Controller of your personal data processed in connection with the recruitment process is the University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa, as the Employer.

Contact with the controller:

- by traditional mail at: University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa (name the organizational unit to which your letter is addressed);
- by phone: 22 55 20 355.

Data Protection Officer (DPO)

Controller has designated Data Protection Officer whom you may contact via email at iod@adm.uw.edu.pl. You may contact the DPO in all matters relating to your personal data processing by the University of Warsaw and the exercise of rights in relation to the processing of personal data.

The DPO, however, does not proceed other matters, like handling recruitment procedures, collecting recruitment documents, providing information on current recruitment process.

Purpose and legal grounds of data processing

Personal data of candidates for employment shall be processed for recruitment purposes only.

Your personal data shall be processed in the scope as indicated by employment law¹ (*given name (names) and family name, date of birth, contact information as provided, education, professional qualifications, previous employment*) for the purposes of this recruitment process², whereas other data³ shall be processed based on your consent which may take the following wording:

I agree to the processing of personal data provided in (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

¹ Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);

² Art. 6 section 1 letter b of the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27, 2016 on protection of individual persons with regard to the personal data processing and on the free flow of such data, and also repealing Directive 95/46/EC (general regulation on data protection) (Official Journal EU L 119 of 04.05.2016, page 1, with subsequent changes) (hereinafter as the GDPR);

³ Art. 6 section 1 letter a of the GDPR;

If your documents include data as mentioned in Art. 9 section 1 of the GDPR (special categories of personal data), processing shall be possible upon your consent to processing such data⁴ which may take the following wording:

I agree to the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the GDPR, provided in (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

The University of Warsaw shall be also processing your personal data in future recruitment processes upon your consent⁵ which may take the following wording:

I consent to processing of my personal data for the purposes of any future recruitment processes at the University of Warsaw for the period of the next nine months.

You may revoke all such consents at any time by, for example, sending an email at (email address due for the recruitment process).

Be advised that the revocation of your consent does not affect legal compliance of processing which had been completed upon consent before its revocation.⁶

Data retention period

Your personal data collected in this recruitment process shall be stored over the period of three months from the date the recruitment process is completed.

In case you agree to process your data in future recruitments, your data shall be used over the period of nine months.

Data recipients

Officers authorized by the Controller shall have access to your personal data, the processing of which is in the scope of their duties.

Recipients of personal data may be other subjects obligated by the Controller to provide specific services involving data processing, like

.....
(name all recipients of data)

Data transfer outside the European Economic Area (EEA)

Your personal data shall be disclosed to subjects authorized by law. Signing-in is through Google Forms. Your personal data may be also processed by our provider of G-Suit for education by Google Company in their data processing centres.⁷ Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission.⁸ This shall guarantee an adequate level of data security.

⁴ Art. 9 section 2 letter a GDPR;
⁵ Art. 6 section 1 letter a GDPR;
⁶ Art. 7 section 3 GDPR;
⁷ <https://www.google.com/about/datacenters/inside/locations/index.html>
⁸ <https://www.privacyshield.gov>

Rights of the data subject

Under the GDPR data subjects have the following rights:

- to access data and to receive copies of the actual data;
- to correct (rectify) your personal data;
- to restrict processing of personal data;
- to erase personal data, subject to provisions of Art. 17 section 3 of the GDPR;
- to file a claim with the President of the Personal Data Protection Office, if you believe data processing violates law.

Information on the requirement to provide data

Providing your personal data in the scope resulting from law is necessary to participate in the recruitment process. Providing other personal data is voluntary.

.....
place and date

.....
applicant's signature

