



WARSZAWSKI
UNIwersytet
MEDYCZNY



NARODOWE CENTRUM NAUKI

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JOB OFFER – Postdoctoral Researcher

**The Medical University of Warsaw is seeking a candidate for the position of:
Postdoctoral Researcher (Post-doc)**

The successful candidate will join the research team of the NCN OPUS-30 project entitled “**The role of cytokeratin 16 and 17 in wound healing in diabetic rats – research into molecular mechanisms using keratin-sericin biomaterial**” (grant agreement no. UMO-2025/59/B/NZ4/00228).

A lay summary of the project is available at:

<https://ncn.gov.pl/sites/default/files/listy-rankingowe/2026-06-11-kioT82zx/streszczenia/660423-pl.pdf>

The recruitment procedure will be conducted in accordance with the Regulations on the allocation of funds for tasks financed by the National Science Centre within research projects under the OPUS-30 call, available at the link below:

https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2025/uchwala72_2025-zal1.pdf

We are seeking a Postdoctoral Researcher to join a research project at the Faculty of Medicine and Dentistry, Medical University of Warsaw.

The Postdoctoral Researcher’s responsibilities will include, among others:

- optimisation of the extraction of sericin from *Bombyx mori* cocoons and keratin from animal hair/fur;
- conducting cell culture experiments (fibroblasts and keratinocytes), as well as differentiating monocytic cell lines into M1- and M2-phenotype macrophages;
- participation in in vivo studies using a type 2 diabetes wound-healing model, including surgical wound creation, application of the tested materials, and collection of tissue biopsies for subsequent histopathological and molecular analyses;
- performing statistical analyses and maintaining detailed experimental documentation;
- participation in the preparation of manuscripts for publication in peer-reviewed scientific journals, conference abstracts, and project progress reports;
- participation in the preparation of documentation related to intellectual property protection;
- providing scientific support and mentoring junior members of the research team.

Principal Investigator: dr hab. Marek Konop

Type of employment: Employment contract

Employer: Medical University of Warsaw

Application deadline: 25 September 2026

Planned start date: October/November 2026

initially for a period of 6 months, with the possibility of extension for a further 39 months (45 months in total), but not beyond the project end date (8 July 2030)

Remuneration: PLN 11,600 gross-gross (total employer cost)

Requirements:

1. A medical degree or a PhD degree in medical sciences, biomedical engineering, biotechnology, biological sciences, biology, or biochemistry.
2. A Ph.D. degree awarded no earlier than 12 years prior to employment on the project (with exceptions as set forth in the annex to NCN Council Resolution No. 72/2025 of September 11, 2025, regarding amendments to the Regulations on the Allocation of Funds for the Implementation of Tasks Financed by the National Science Center in the Area of Research Projects).
3. Practical knowledge of molecular biology techniques, in particular RNA and DNA isolation, qPCR, and Western blotting, as well as the ability to analyse quantitative data.
4. Experience in siRNA-mediated gene silencing, in particular silencing of KRT16 and/or KRT17 expression in cells cultured in vitro.
5. Documented hands-on experience in mammalian cell culture, preferably keratinocytes and fibroblasts, and in working with monocyte and macrophage models, including induction of macrophage polarisation towards M1 and M2 phenotypes.
6. Experience in studies using animal models, including minor surgical procedures, perioperative care, and tissue sampling, as well as willingness to work in accordance with approved protocols and ethical requirements.

Required documents:

1. Cover letter,
2. CV,
3. List of publications demonstrating that the requirements are met,
4. Contact details of 1–2 referees who can provide references, together with a letter of recommendation,

Please send the application to: marek.konop@wum.edu.pl

All documents should be submitted as PDF files. Please use “Post-doc – OPUS-30” as the email subject line.

Required declarations:

Candidates interested in participating in the recruitment process are asked to include the following clause in their CV:

"I consent to the processing of my personal data contained in the application documents for the purposes of the current recruitment process conducted by the Medical University of Warsaw, with its registered office in Warsaw."

Personal data protection rules applied by the Medical University of Warsaw (MUW):

1. The controller of personal data is the Medical University of Warsaw, with its registered office in Warsaw, ul. Żwirki i Wigury 61, 02-091 Warsaw, Poland.
2. The Data Protection Officer can be contacted by telephone at (+48 22) 57 20 320 or by email at iod@wum.edu.pl.
3. Personal data will be processed for the purpose of conducting the recruitment process pursuant to Article 22¹ of the Labour Code, and where a broader scope of data is provided, pursuant to Article 6(1)(a) of the GDPR, on the basis of the candidate's consent.
4. Within the University's organisational structure, access to personal data will be granted only to employees authorised by the Controller and only to the extent necessary.
5. Personal data will not be disclosed to other entities, except for entities authorised under applicable law.
6. Personal data will be stored for the period necessary to conduct the recruitment process, for up to 12 months after the recruitment procedure has been concluded. After this period, the data will be deleted.
7. The candidate has the right to access their personal data, rectify or erase them, restrict their processing, data portability, object to processing, and withdraw consent.
8. The candidate has the right to withdraw consent to the processing of personal data at any time. Withdrawal of consent will not affect the lawfulness of processing carried out on the basis of consent before its withdrawal.
9. The candidate has the right to lodge a complaint with the Personal Data Protection Office if there are grounds to believe that their personal data are being processed by the Controller in breach of the General Data Protection Regulation of 27 April 2016.
10. Providing personal data is voluntary; however, to the extent specified in Article 22¹ § 1 of the Labour Code, it is necessary in order to participate in the recruitment process. Providing any additional data is voluntary.
11. Decisions will not be made by automated means and personal data will not be subject to profiling.