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### Postdoctoral position

The recently created Laboratory of Transcription Dynamics led by Dr Magdalena Masłoń (maslonlab.com) at the Adam Mickiewicz University in Poznań, Poland seeks a motivated candidate to join as a postdoctoral researcher.

**About the project:** Normal cellular processes rely on precise coordination of gene transcription, whereas disruption of this process underlies numerous developmental defects and diseases, including cancer. RNA Polymerase II (RNAPII) is the key enzyme involved in gene transcription, the process whereby nascent protein-coding and non-coding RNAs are produced.

The broad goal of our research is to understand how gene expression is controlled during development and in homeostasis, and how this regulation changes over the life course or in disease states. More specifically, we are studying the transcription kinetics in the context of neurodevelopment and genome stability. The project is generously supported by NCN funding (SONATA BIS project 2020/38/E/NZ1/00070).

#### **About your position and the project.**

You will apply genome editing and various high-resolution multi-omics methods to pluripotent stem cells-based models to unravel the role of RNAPII elongation rate control and the consequences of its perturbation in development. Financial support for this position is available for up to four years (120000 PLN/year gross gross). Start date is negotiable, but the position is immediately available.

#### **The requirements**

This postdoctoral position suits best a researcher with a background and hands-on experience in Molecular Biology. Candidates coming from a quantitative field (with a PhD in areas such as statistics or computer science) and that have demonstrated interest in wet lab and genomics are also welcomed to apply. Ability to work independently, fluency in written/spoken English as well as at least one peer-reviewed first author publication in a relevant subject is a must. Strong bioinformatic skills are desirable, but not essential.

#### **How to apply?**

Interested candidates should send: a cover letter discussing their research experience, a detailed CV, and the contacts details for two referees as a single pdf file to: [magmas6@amu.edu.pl](mailto:magmas6@amu.edu.pl). Informal inquiries and questions welcome. Deadline: 31 May 2022.

*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 Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)."*