



Programmable Polymers Laboratory is a research group based at the Center for Advanced Technologies at Adam Mickiewicz University in Poznań.

Our ambition is to develop functional materials based on synthetic polymers by regulating the sequence of monomers.

PROGRAMMABLE POLYMERS LABORATORY

Programmable Polymers Laboratory invites applications for a position of

Post-doc position in the PolyDigit project

Since ancient times, people have stored information to pass on acquired knowledge to future generations.

Currently, the amount of data being generated is almost twice the capacity of conventional storage media, such as hard drives or flash memory devices, and this trend is rapidly increasing.

The PolyDigit project is a response to the growing need for the development of new technologies for long-term data storage. The graduate student will be involved in the project by analyzing the properties of polymers with a defined sequence of mers, which will serve as next-generation data storage media.

More information about the research group: szwedalab.com.

We offer

- An atmosphere of respect and cooperation
- Supporting employees with disabilities
- Flexible working hours
- Funding for language learning
- Co-financing of training and courses
- Additional days off for education
- Life insurance
- Pension plan
- Savings and investment fund
- Preferential loans
- Additional social benefits
- Leisure-time funding
- Subsidizing children's vacations
- "13th" salary

How to apply

Please send your document to: rozaszewda@gmail.com.

- Scientific curriculum vitae, including a list of scientific achievements (scholarships, publications, conference presentations, etc.).
- Motivation letter.
- Contact information of two potential references.
- Diplomas or certificates issued by universities confirming education and degrees held;

Qualifications

- Fluent English,
- Documented experience in preparative organic synthesis
- Knowledge of polymer chemistry will be an advantage
- Hands-on experience in chromatographic methods (GC, HPLC, Flash)
- Knowledge of basic spectroscopic methods used to identify organic compounds (NMR, FTIR, CD, UV-vis, Fluorescence)
- Ability to design and perform syntheses of organic compounds
- Experience in working with a synthesizer (knowledge of phosphoramidite chemistry preferred)
- Ability to prepare the text of a scientific publication and present the results
- Knowledge of computer programs such as Origin, Mendeleev, MNOVA

Prospects for professional development

- Temporary employment to enhance scientific skills
- Supervision by an experienced research team leader
- Preparation for an independent scientific career
- Opportunity to work with the Programmable Polymers Research Team
- Gain experience in macromolecule chemistry
- Acquire key skills in the field of macromolecule chemistry

Please attach the following consent for data processing:

"I give consent for the processing of my personal data contained in the provided documents for the purposes related to the recruitment process at Adam Mickiewicz University, Center for Advanced Technologies, Programmable Polymers Laboratory, ul. Uniwersytetu Poznańskiego 10, 61-614 Poznań, conducted currently or in the future by UAM, in accordance with the provisions of the General Data Protection Regulation (GDPR). This consent includes processing of this data in the future, provided that the purpose of processing remains the same. I declare that providing my personal data is voluntary, and I have been informed about the right to access and correct my personal data."