# Post-doc Positions in Programmable Polymers Laboratory
# Adam Mickiewicz University Poznan



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| **Job Title** | Post-doc Positions in Programmable Polymers Laboratory |
| **Department** | Center for Advanced Technologies |
| **Institution** | Adam Mickiewicz University Poznan |
| | Pozna?, Greater Poland Voivodeship, Poland |
| **Date Posted** | Aug. 5, 2024 |
| **Application Deadline** | Sep. 6, 2024 |
| **Position Start Date** | Oct. 1, 2024 |
| **Job Categories** | Post-Doc |
| **Academic Field(s)** | Chemistry - Organic |
| **Job Website** | https://szwedalab.com/ |
| **Apply By Email** | szwedalab@gmail.com |

**Job Description**

**The Programmable Polymers Laboratory**, based at the Center for Advanced Technologies at Adam Mickiewicz University in Pozna?, Our ambition is to develop functional materials through innovative polymer science. We're looking for passionate Post-docs to join our projects: PolyDigit and MimicLS.

**Position 1: Post-doc for PolyDigit Project**

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The PolyDigit project is an initiative responding to the urgent need for advanced long-term data storage technologies. With the volume of generated data rapidly exceeding the capacity of traditional storage media, this project focuses on analyzing and developing polymers with defined monomer sequences to serve as next-generation data storage media.

**Position 2: Post-doc for MimicLS Project**

The MimicLS project explores the precise control of monomer sequences to develop synthetic materials that mimic the complexity and functionality of living matter. This project aims to understand and harness the sequence-regulated self-assembly of polymers to create hierarchical structures with advanced functionalities.

## Candidate requirements

### Skills/Qualifications

Fluent in English with excellent communication abilities.
Experience in preparative organic synthesis/computational chemistry
Knowledge of polymer chemistry will be an advantage
Hands-on experience with chromatographic methods (GC, HPLC, Flash)
Proficiency with spectroscopic methods (NMR, FTIR, CD, UV-Vis, Fluorescence)
Skills in scientific writing and presenting
Knowledge of computer programs such as Origin, Mendeley, MNova
Strong problem-solving skills and a collaborative mindset.

### Specific Requirements

Strong analytical skills and attention to detail.
Ability to work independently and manage multiple projects simultaneously.
Creative problem-solving abilities and a keen interest in innovative research.
Experience in developing and optimizing experimental protocols.

### What We Offer:

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An atmosphere of respect and cooperation.
Support for employees with disabilities.
Flexible working hours.
Funding for language learning and professional development.
Co-financing of training and courses.
Additional days off for education.
Comprehensive life insurance and pension plan.
Savings and investment fund.
Preferential loans and additional social benefits.
Leisure-time funding and subsidizing children's vacations.
"13th" salary as an additional bonus.

## Further details

Contract: Full-time, Fixed-term

## How to apply

How to Apply:

Interested candidates should send the following documents to szwedalab@gmail.com:

A cover letter outlining their research interests and suitability for the position.
A detailed CV including a list of publications.
Contact information for at least two academic references.

Application email: szwedalab@gmail.com
Application deadline: Friday, 06 September 2024 (in 1 month).

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Programmable Polymers Laboratory
Center for Advanced Technologies

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