

## **Advance information**

### **Postdoctoral Researcher in Bionano, Nanomachine Research**

The laboratory of bionanoscience and biotechnology is an ambitious and expanding research hub for topoisomerase and bionanoscience research and will soon be recruiting postdoctoral research candidates for a fully funded position.

The successful candidate will join a multidisciplinary team interested in **designing and building biological nanorobots**. The candidate will be able to have *significant freedom in designing and pursuing their own research project* while benefiting from the advice and guidance of the lab head.

The ideal candidate should fulfill the following:

- 1) Possess a PhD in biochemistry, biological chemistry, structural biology, molecular biology or related areas.
- 2) Have experience in either designing /modifying, producing and and assessing proteins or in DNA nanostructure (i.e. DNA origami) design, production and and testing.
- 3) Skills: In silico molecular modeling (e.g. CaDNAno, Rosetta) would be an advantage
- 4) Have good written and oral communication skills in English
- 5) Have good skills of work management and experimental record keeping
- 6) Able to work collaboratively

The candidate should submit the following documents (in English) to the Malopolska Centre of Biotechnology office, Cracow ul. Gronostajowa 7A, room 3/12 or electronically via email: jonathan.heddle@uj.edu.pl Please include **“YS Postdoc”** in the subject heading of the email.

- 1) Application/motivation letter
- 2) A proposal for a novel but feasible bionanoscience research project
- 3) CV
- 4) Personal questionnaire
- 5) Reference letter
- 6) A copy of doctoral degree
- 7) A statement of knowledge and acceptance of the rules on intellectual property and legal protection of intellectual property

Forms for points 4 and 7 can be downloaded from

<http://www.dso.uj.edu.pl/druki-do-pobrania/dokumenty-dla-kandydatow-pracownikow/>

For English version:

[http://www.mcb.uj.edu.pl/en\\_GB/dokumenty-do-pobrania1](http://www.mcb.uj.edu.pl/en_GB/dokumenty-do-pobrania1) - English version (pdf) - (for information only)

**The deadline for submitting applications is expected to be 15<sup>th</sup> September 2017 (subject to change). A start date of between October 1<sup>st</sup> 2017 and December 31<sup>st</sup> 2017 is expected. The official announcement will be published on the Malopolska Centre of Biotechnology homepage, the heddle lab homepage and other possible locations in the near future**