



**Laboratory of RNA Biology and Functional Genomics led by Prof. Andrzej Dziembowski has several open positions (start December 2016; Funding guaranteed for 3 years with possible extension to 5 years, application deadline: 31th October 2016).**

We are passionate about science and our projects are focused on post-transcriptional gene expression regulatory mechanisms (<http://adz.ibb.waw.pl>). We perform collaborative, integrative science and combine functional studies with transcriptomic and proteomic analysis in order to gain deep insight into analyzed processes [Ukleja, M., et al. (2016). *Nature communications* **7**, 10433; Wrobel, L., et al. (2015). *Nature* **524**, 485-488; Szczepinska, T., et al. (2015). *Genome research* **25**, 1622-1633; Lubas, M., et al. (2013). *The EMBO j* **32**, 1855-1868; Mroczek, S., et al. (2012). *Genes & development* **26**, 1911-1925; Pena, A., et al. (2012). *EMBO J* **31**, 1605-1616; Tomecki, R., et al. (2010); Lubas, M., et al. (2011). *Molecular cell* **43**, 624-637; *EMBO J* **29**, 2342-235; Lebreton, A., et al. (2008). *Nature* **456**, 993-996]

The laboratory is well equipped and has very supportive technical staff. We work in the Institute of Biochemistry and Biophysics of the Polish Academy of Sciences ([ibb.waw.pl](http://ibb.waw.pl)) - one of the top ranked Polish research institutes which is a part of the Ochota Campus, a large biomedical research center in Poland.

Open positions are funded by **Foundation for Polish Science TEAM program** (<http://www.fnp.org.pl/en/oferta/team-2-2/>) co-financed with support of the Smart Growth Operational Programme (PO IR).

**The project entitled "Functional interactions of proteins involved in post-transcriptional regulatory mechanism in humans"** focuses on identification of novel factors involved in RNA metabolism and description of novel functional interactions between the existing ones. It is based on genome wide siRNA screenings, a methodology which was recently implemented in the laboratory.

To explore factors and relationships in human RNA catabolism we conduct multiple synthetic lethal screens involving human exonucleases and siRNA library which covers almost all human genes. The screening is a starting point for more detailed molecular analysis specific for particular identified functional interactions. It is divided into two parts:

- **Molecular analysis of functional interactors of the DIS3 protein**
- **Identification and analysis of functional interactors of DIS3L, DIS3L2, RRP6, XRN1 and XRN2**

We are looking for highly motivated scientists who share our passion for science and would like to work in a friendly scientific environment. We are seeking candidates with a strong background in RNA biology, bioinformatics, biochemistry or imaging.

**Open positions starting from December 2016:**

- 2 X Post-doctoral fellows (we are especially looking for candidates with experience in bioinformatics analysis of transcriptomic data, but scientists experienced in molecular biology and/or imaging are also welcome) - Salary 7200 PLN/months + quarterly bonus (~6000 PLN/month net in yearly settlement)
- 2 X PhD students (candidates should have experience in molecular biology, imaging or bioinformatics) – PhD fellowship 3500 / month
- 1 X research technician (experience in imaging technics is absolutely essential) Salary 3500 PLN/months + quarterly bonus (~3000 PLN/month net in yearly settlement) with possible negotiations.
- 2 X MSC students (candidates should have bachelor degree in biology or bioinformatics) – fellowship 1500 / month

Please e-mail CV, summary and relevance of your current research (500 word max), why you are interested in the position (200 word max) and names of up to three references to: **team.project.ad@gmail.com**. Application deadline - **31th October 2016**

Selected candidates only will be contacted with invitation for a final interview. Please include in your CV a statement:

"I hereby give consent for my personal data included in the job offer to be processed for the purposes of recruitment procedure under the Data Protection Act 1997 (Dz. U. no. 133, item 883), consolidated text: *Journal of Laws 2016, item 922 as amended*".