



**Research Assistant position in the Laboratory of RNA Biology – ERA Chairs Group
(role in Research Task: Technical Support LRB)**

The **Laboratory of RNA Biology – ERA Chairs Group** <https://bit.ly/3F3BPsg> at the International Institute of Molecular and Cell Biology in Warsaw (IIMCB) headed by Prof. Andrzej Dziembowski, is inviting applications for a **Research Assistant**.

You will join the Team of the Research Task entitled “Horizon for Excellence in messenger RNA applications in immunoOncology” (WIB-1/2020-O11) financed by the Virtual Research Institute (WIB) from the Polish Science Fund. The primary objective of this Research Team is to develop a highly effective therapeutic mRNA design and apply it for cancer immunotherapy. The Research Task will be carried out by a team of scientists from the IIMCB (coordinator), the University of Warsaw, the Institute of Physical Chemistry of the Polish Academy of Sciences and the Medical University of Warsaw.

As a Research Assistant, you will be responsible for supporting mRNA synthesis and analysis experiments. In particular:

1. Working with cell lines, including primary cell lines and/or animal models
2. RNA isolation, including isolation from animal tissues
3. Preparation of libraries for RNA isolation
4. Overviewing RNA sequencing process, managing the databases
5. Performing *in vitro* transcription
6. Keeping track of reagents supply, working with administration staff to order reagents

Requirements for the candidate:

1. Holds MSc or PhD (in biological sciences or a related discipline).
2. Has proven extensive laboratory experience in RNA biology
3. Experience in working with primary cell lines and/or genetically modified animal models will be an advantage.
4. Has excellent interpersonal skills, initiative and ability to work independently and in a high-performance team.
5. Has the ability to communicate (in English) complex information clearly, orally and in writing.
6. Is commitment, reliability, accuracy and timeliness in the implementation of tasks.
7. Has analytical and forward-thinking skills.
8. Has to comply with the non-compete policy in accordance with the WIB Program guidelines.

Selection criteria:

1. Experience in laboratory work, in particular of the techniques used in the project.
2. Precision and accuracy in laboratory work as well as in tasks related to the documentation of experiments and administrative aspects of conducting research.

3. Soft skills - command of English, cover letter, communication skills, ability to work in a team, willingness to learn new things and take on challenges, ability to work independently and to think analytically.

Candidates will be selected in an open competition, according to the procedure complying with the rules of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers as a part of HR Excellence in Research strategy <https://www.iimcb.gov.pl/en/career-education/hr-excellence-in-research>

We offer:

1. Full employment contract initially for 6 months and extending up to 3 years or more (if an extension is granted).
2. Competitive salary (6000-8000 PLN gross, depending on experience).
3. Benefits including reduced-rate for an individual private medical care package and membership in the MultiSport programme.
4. Full technical, administrative and organizational support from professional English-speaking personnel.
5. Participation in courses, scientific trainings and support from peers.

Deadline for applications is **20.04.2024**

How to apply:

1. **Apply now** to recruitment@iimcb.gov.pl
2. In the subject include "**LRB Technical Support WIB**" and your first and last name
3. Your application must be submitted in English and should contain a CV, a motivation letter including solved task and description of your key achievements, and contact details (e-mail and telephone number) of a potential referees.
4. In the motivation letter, please answer the question:

RNA from mouse pancreas was isolated using different methods. RNA of following parameters was isolated:

Sample ID	A260/A280	A260/A230	RIN	RNA yield
1	2.012	1.86	8.6	400 ng
2	1.99	1.66	4.8	1,6 mg
3	2.032	2.011	9.2	16 mg
4	2.132	2.189	5.7	400 ug

Samples are to be used for Direct RNA Seq using Oxford Nanopore Technologies. Please discuss which samples are suitable for RNA Seq (max ½ A4 page).

5. Please include the following statement in your CV: *"I hereby agree to the processing of my personal data, included in the application documents by the International Institute of Molecular and Cell Biology in Warsaw, 4 Księcia Trojdena Street, 02-109 Warsaw, for the purpose of carrying out the current recruitment process."* Your personal data will be processed for the purpose of the recruitment procedure by the International Institute of Molecular and Cell Biology in Warsaw. Full information is available under the link <https://bit.ly/3UFWpY2>

The competition may be extended until a suitable candidate who fulfils all requirements is found.

The announcement will be published on the following websites:

- <https://wib.port.org.pl/en/homepage/>
- <https://cent.uw.edu.pl/en/>
- <https://www.fuw.edu.pl/faculty-of-physics-home.html>
- <https://www.iimcb.gov.pl/en/>
- <https://www.wum.edu.pl/>
- <https://ichf.edu.pl/>
- <https://euraxess.ec.europa.eu/>
- <https://biotechnologia.pl/>

