

EXTENDED PERIOD FOR VACANT POSITIONS
Recognised Researchers (R2) - Postdoc
at TRANSCEND, Regional Institute of Oncology

Topic: Development of multifunctional liposomes for targeted drug delivery (TDD) in cancer therapy

The Regional Institute of Oncology – Iasi, Romania, is looking for talented *Recognised Researchers (R2) - postdocs* to apply to join our exciting multidisciplinary research team. The position is available in the H2020-WIDESPREAD-06-2020 - ERA Chairs grant running at the TRANSCEND research center. The project aims to strength excellence in TRANSCEND center by creating a multi- and inter-disciplinary team of highly-skilled and dedicated researchers in nanomedicine.

1. Project

- **Type:** WIDESPREAD-06-2020 - ERA Chairs
- **Title:** Enhancing and Strengthening the Excellence in Interdisciplinary Biomedical Research at TRANSCEND
- **Acronym:** ESEI-BioMed
- **Budget:** € 2 500 000
- **Period:** 01.01.2021 – 31.12.2026
- **Location:** Iasi, Romania
- **Description of the project:** <https://www.esei-biomed.eu/>

2. Description of the jobs, documents, and selection process

We are looking for talented, driven, and highly motivated early career and recognized researchers educated in chemistry, biology or related disciplines for development of liposomes and their assessment on cell cultures. Applicants should possess scientific curiosity, a strong work ethic and ability to engage in teamwork in an interdisciplinary environment.

The positions are open to all EU and non-EU nationals but shall match the profile a “Recognised Researcher” (R2) as set out in the European Framework for Research Careers - Research profiles descriptors.

Job title/ status	Expected competences	Main duties and responsibilities	Minimum requirements/documents required for the application
Postdoc researcher (cell cultures) <i>Full time/ temporary (~39 months)</i>	Proven experience in cell cultures and digital microscopy. High level of independence in performing the assigned tasks Critical analysis of	- Perform research activities for the investigation of the biological effect of nanoparticles on different cell cultures. Coordinate the work of PhD and other students involved in the research topic.	- PhD in biology, medicine, biochemistry, nanomedicine, and related or equivalent. - Minimum three years of experience in cell cultures. - Detailed CV. - List of publication highlighting those associated with the scientific topic. - Motivation letter highlighting the

	<p>the relevant literature and the obtained experimental data</p> <p>Understanding new and complex concepts from the research topic</p>	<p>Preparation of ISI-ranked papers.</p> <p>Planning experiments based on relevant literature</p> <p>Contribution to the preparation of research projects/grants</p> <p>Contributions to national and (inter-)national conferences.</p> <p>Participation in trainings and other workshops, courses etc. necessary for professional development.</p>	<p>achievements and interests in research.</p> <p>Three recommendation letters.</p> <p>Copies of diplomas (High school -> PhD) and transcripts of records.</p> <p>Copy of ID or other identity document.</p> <p>Declaration on one's own responsibility attesting that the candidate has no criminal history that would make her/him incompatible with the position for which she/he is applying.</p>
<p>Postdoc researcher (liposomes)</p> <p><i>Full time/ temporary (~39 months)</i></p>	<p>Proven experience in development of multifunctional liposomes by thin film hydration and microfluidics.</p> <p><i>(Experience in liposomes-biology interaction will be a plus in the decision for hiring)</i></p> <p>-High level of independence in performing the assigned tasks</p> <p>Critical analysis of the relevant literatures and the obtained experimental data</p> <p>Understanding new and complex concepts from the research topic</p>	<p>- Perform research activities for the development of new nanoliposomes for controlled drug delivery for cancer therapy.</p> <p>- Coordinate the work of PhD and other students involved in the research topic.</p> <p>- Preparation ISI-ranked papers.</p> <p>- Planning new experiments for preparation of liposomes based on relevant literature</p> <p>- Contribution to the preparation of research projects/grants</p> <p>- Contributions to national and (inter-)national conferences.</p> <p>- Participation in trainings and other workshops, courses etc. necessary for professional development.</p>	<p>- PhD in Chemistry, Chemical Engineering, nanomaterials, nanomedicine, and related or equivalent.</p> <p>- Minimum three years of experience in development of liposomes.</p> <p>- Detailed CV.</p> <p>- List of publication highlighting those associated with the scientific topic.</p> <p>- Motivation letter highlighting the achievements and interests in research.</p> <p>- Three recommendation letters.</p> <p>- Copies of diplomas (High school -> PhD) and transcripts of records.</p> <p>- Copy of ID or other identity document.</p> <p>- Declaration on one's own responsibility attesting that the candidate has no criminal history that would make her/him incompatible with the position for which she/he is applying.</p>

Notes:

- All documents should be in English.
- The electronic file containing the pdf version of all documents will be sent at eseibiomed@iroiasi.ro (Dr. Brindusa Dragoi – project coordinator), rstiufiuc@iroiasi.ro (Prof. Dr. habil, Rares Stiufiuc, ERA-Chair holder) and dana_spiridon_is@yahoo.com (Dr. Maria Spiridon - assistant manager).
- Please use the subject: “Postdoc application file_Cell cultures” or “Postdoc application file_Liposomes” depending on the job
- Incomplete applications will be excluded from the selection process.

▪ **Application period:**

20.07.2023 – 05.09.2023

▪ **Selection procedure:**

- ✓ Ranking of candidates based on the information provided in the application file

- ✓ Shortlisting of the most suitable candidates and communication of decision to the applicants (~ by **September 11, 2023**)
- ✓ Interview (**by September 15, 2023**)
- ✓ Ranking of candidates and decision of the management team
- ✓ Notification to the successful applicant (**by September 21, 2023**)

Note: The estimated deadlines depend on the number of applications. A high number of applications may postpone the subsequent steps of the selection process accordingly.

- **What is offered to the successful candidate?**
 - ✓ A full time position contract (~39 months, depending on the starting date)
 - ✓ (The position should be filled by **October 1st, 2023** or **November 1st** depending on the candidate location. In addition, for the candidates whose diplomas are not released by Romanian institutions, recognition and equivalency is mandatory; after a 6-month probation period the decision of hiring until the end of the project will be taken)
 - ✓ Remuneration package, covering the hours worked, social security contributions (mandatory employer and employee contributions), and health insurance, will be of 1500-2000 euros depending on the experience. (According to Romanian legislation, the activity on research projects is not taxable.)
 - ✓ An opportunity to work in an inter- and multidisciplinary team
 - ✓ Professional development
- **Non-discrimination and equal-opportunity:**
 - ✓ The selection of candidates will be performed in line with The European Charter for Researchers - The Code of Conduct for the Recruitment of Researchers and the National Plan for Research and Development 2015 - 2020 through GD 583/2015 and HG 1188/2022, following a transparent, open, and merit-based recruitment process.