

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

**Topic: Cancer detection methods based on a combined SERS/MVA  
analysis of different biological fluids**

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 liquid biopsy by RAMAN/SERS. 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 of a “Recognised Researcher” (R2) as set out in the European Framework for Research Careers - Research profiles descriptors.

<b>Job title/ status</b>	<b>Expected competences</b>	<b>Main duties and responsibilities</b>	<b>Minimum requirements/documents required for the application</b>
Postdoc researcher (Surface- enhanced Raman spectroscopy - SERS) <i>Full time/</i>	Proven experience in Raman/SERS spectroscopy.  -High level of independence in performing the assigned	- Perform research activities in the field of Raman/SERS analysis of different biofluids  - Interpretation of the experimental Raman/SERS spectra collected for the	- PhD in physics, chemistry, nanomaterials, nanomedicine, and related or equivalent. - Minimum three years of experience in Raman/SERS spectroscopy. - Detailed CV. - List of publication highlighting those associated with the scientific topic. - Motivation letter highlighting the achievements and

<p><i>temporary</i> (~39 months)</p>	<p>tasks</p> <p>Critical analysis of the relevant literature and the obtained experimental data</p> <p>Understanding new and complex concepts from the research topic</p>	<p>discovery of new possible cancer biomarkers.</p> <p>Coordinate the work of PhD and other students involved in 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>interests in research.</p> <p>Three recommendation letters.</p> <p>Copies of diplomas (High school -&gt; 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>
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**Notes:**

- All documents should be in English.
- The electronic file containing the pdf version of all documents will be sent at [esebiomed@iroiasi.ro](mailto:esebiomed@iroiasi.ro) (Dr. Brindusa Dragoi – project coordinator), [rstiufiuc@iroiasi.ro](mailto:rstiufiuc@iroiasi.ro) (Prof. Dr. habil, Rares Stiufiuc, ERA-Chair holder) and [dana\\_spiridon\\_is@yahoo.com](mailto:dana_spiridon_is@yahoo.com) (Dr. Maria Spiridon - assistant manager).
- Please use the subject: “Postdoc application file\_SERS”
- Incomplete applications will be excluded from the selection process.

▪ ***Extended 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 1<sup>st</sup>, 2023** or **November 1<sup>st</sup>** 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.