



# CALL FOR GROUP LEADER FOR BIOPHOTONIC APPLICATIONS GROUP AT ENSEMBLE<sup>3</sup>

Centre of Excellence for nanophotonics, advanced materials and novel crystal growth-based technologies

ENSEMBLE<sup>3</sup> is a new Centre of Excellence for nanophotonics, advanced materials, and novel crystal growth-based technologies located in Warsaw, Poland, created jointly by institutions from Poland, Germany, Italy, and Spain. The centre will work on the development of novel material technologies and advanced materials with unique electromagnetic properties, with potential applications in fields such as photonics, optoelectronics, telecommunication, solar energy conversion, medicine, and aerospace.

Applications are invited for scientists to lead the group: **Biophotonic Applications**. This group will be responsible for expanding applications for materials developed in the project and the Centre to biophotonic elements and devices, which will be beyond the state-of-the-art in modern photonics and optoelectronics. Various properties and functionalities of the crystal-growth materials which will be developed in the Centre have already been demonstrated. These could be developed into biophotonic applications, in addition to anticipated new ideas from the group leader and group members. Proposing novel ideas for crystal-growth based materials with a potential for acting as biophotonic elements and devices; demonstration of unique optical phenomena and the potential use of such materials in biological applications including cancer diagnosis and health improvement will be the main scope of this group.

<b>Scientific discipline:</b>	Photonics, Optoelectronics, Biochemistry, Biophysics, Material Science, Nanostructures, or related fields.
<b>Job type:</b>	Full-time employment.
<b>Numbers of job offers:</b>	1
<b>Remuneration/amount/year:</b>	Annual gross salary max. 268 000 PLN (~ 61 000 EUR) depending on experience and expertise.
<b>Position start:</b>	Available from July/August 2022 (Negotiable).
<b>Period of contract agreement:</b>	Permanent contract from the beginning possible based on the mutual agreement.**

### **Key responsibilities include:**

- Establishing and supervising the research group;
- Organizing and carrying out research efforts that will place the centre at the forefront of scientific developments worldwide;
- Collaborating with other groups in the centre;
- Disseminating results to the public and scientific communities;
- Applying for funding;
- Seeking industrial collaborations.

### **We offer:**

- Full-time employment;
- Opportunity to work in an innovative scientific environment;
- International cooperation with experienced researchers;
- Start-up package and funds allocated to running your group and recruiting other group members such as postdocs, PhD, and MSc students;
- Administrative support for recruiting, visa and related documentation;
- Access to well-staffed core facilities.

### **Required application documents:**

Curriculum vitae; Proof of PhD; Research record with a full list of publications; Cover letter specifying how you meet the search criteria and can contribute to the operation of the Centre; Names and contact details of three senior researchers who may act as referees. A short description of a research plan that fits the research agenda of the Centre.

**To Apply:** Please visit: <http://ensemble3.eu/careers>

Or,

[APPLY HERE](http://ensemble3.eu/careers)

**Application deadline: 31<sup>st</sup> May 2022 (recruitment remains open until a suitable candidate is found)**

Competitive candidates will be interviewed before the appointments are made.

**For further information, visit:** [www.ensemble3.eu](http://www.ensemble3.eu)

For questions, please contact: [recruitment@ensemble3.eu](mailto:recruitment@ensemble3.eu)

*\*\*We aim for group leaders to jointly develop our centre for a longer time. The Centre is funded through the International Research Agenda of the Foundation for Polish Science, under axis IV of the Smart Growth Operational Programme, Measure 4.3, and the Teaming for Excellence H2020 programme.*

