

## VACANCY NOTICE FOR THE POST OF ERA CHAIR

“Petru Poni” Institute of Macromolecular Chemistry (PPIMC), Iasi, Romania (PPIMC) is an Institute of Excellence of the Romanian Academy and – based on annual evaluations – the last five years was ranked in the first/second position among the 65 institutes/centres of the Romanian Academy. This leading position is internationally recognised – the Institute for Scientific Information (ISI), Philadelphia, USA, lists the Institute among the “main Romanian actors on the international scientific scene” – in fact, the Institute holds the first position in Romania in the ISI classification as a research institute.

The ERA Chair position will be in the Centre of Advanced Research in Bionanoconjugates and Biopolymers (IntelCentre) a 5 M Euro Research Infrastructure supported by the Romanian Sectorial Operational Program for Increasing the Economic Competitively (centre created in 2012).

### **OVERALL PURPOSE**

The ERA CHAIR is a newly created position within the PPIMC in the framework of SupraChem Lab CSA WIDESPREAD 2-2014: ERA Chairs Project that aims to establish a competitive research group in the field of supramolecular chemistry - biologically inspired systems for targeted medical and environmental applications. The ERA CHAIR will be responsible for setting up the SupraChem Lab group: developing the group scientific and strategic agenda, addressing operational objectives in the region and at European level. Working collaboratively within PPIMC and its functional departments, he/she will be in contact with a range of internal and external stakeholders and help deliver activities and programs in line with PPIMC mission and values. The position requires a highly motivated multi-skilled individual who can work independently to attend the desired end objectives. The ideal candidate should be multilingual – English and French, but a good knowledge of Romanian would represent an advantage. The ERA Chair is expected to possess a deep knowledge of the research policy in Europe (Horizon 2020 and Smart Specialisation Strategy). He/she should have leader experience and abilities, be able to promote and develop new research directions, and possess a scientific background proving his/her know how in supramolecular/dynamic constitutional systems for targeted medical and environmental applications. The candidate should have the profile of a R4 Leading Researcher<sup>1</sup> (researchers leading their research area or field)

### **ERA CHAIR DUTIES AND RESPONSIBILITIES**

- to define the human resources and research strategy for the SupraChem Lab group, including the preparation of technical documentation – a draft Scientific and Management Plan for the implementation of the group will be presented during the recruitment process and will be part of the evaluation criteria for the ERA CHAIR;
- to organise and set up the SupraChem Lab group – research team able to perform high level research in the field of supramolecular chemistry in modern drug systems for targeted medical applications;
- to design and carry out scientific and technical research, experiments and developments, laboratory work including modelling and simulation if necessary;
- to present the scientific results at conferences, seminars and meetings; to write, publish and present scientific reports, articles and conference papers; to present key aspects on project activity and deriving results, to contribute to dissemination actions;

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<sup>1</sup> According with the classification included in *The European Framework for Research Careers* see details on: [http://ec.europa.eu/euraxess/pdf/research\\_policies/Towards\\_a\\_European\\_Framework\\_for\\_Research\\_Careers\\_fin al.pdf](http://ec.europa.eu/euraxess/pdf/research_policies/Towards_a_European_Framework_for_Research_Careers_fin al.pdf)

- to support all activities related to the surveillance of good function of the SupraChem Lab group, good laboratory practices, IPR aspects related to group work, etc.;
- to elaborate periodic strategies to attract new financing resources for the SupraChem Lab team;
- to maintain contacts with national and regional authorities dealing with innovation issues in the European Union and enhance the innovation capacity of the SupraChem Lab group;
- to closely monitor local and regional developments related to innovative drugs systems, particularly at the intersection of policy, technology, and business;
- to coordinate regional projects, initiatives and activities, and liaise with appropriate stakeholders and resources to ensure deadlines are met and all relevant activities are completed in a timely manner.

## **SELECTION CRITERIA**

### Minimum specific conditions – Education/experience

The candidate should have the profile of a R4 Leading Researcher (researchers leading their research area or field):

- a level of education corresponding to completed university studies of at least five (5) years (BSc and MSc) attested by a diploma

**and**

- a doctoral diploma in one of the following fields: Biology, Chemistry, Chemical Engineering, Natural Sciences, Life Sciences, Biochemistry, Engineering, Physics, Pharmacy, Medical Sciences
- minimum of 9 years relevant working experience (labour contract) in scientific research or higher education – for researchers of level I<sup>2</sup>,
- a proven international research experience through mobility, internationally co-authored publications, well established international collaborations, minimum of 5 years relevant experience,
- an international reputation based on research excellence in the field of supramolecular science<sup>3</sup>
- clear leadership experience proven by record in securing significant research funding/budgets/resources and experience in managing and leading research projects,
- mandatory: fluent in English (spoken and written)
- proven ability to communicate complex and sensitive information, policies and positions to internal and external stakeholders, verbally and through written communications

### Communication, organisational and inter-personal skills

- Proven ability to work in a team and a multicultural environment;
- Ability to work under pressure and to meet tight deadlines;
- Ability to multi-task;
- A strong sense of responsibility, initiative and self-motivation;
- Good analytical ability, problem-solving and organisational skills;
- Good social skills and ability to communicate effectively.

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<sup>2</sup> according to the dispositions of art. 16 line 3 points d)-e) from the Romanian Law no. 318/2003 regarding the statute of the researcher, published in the Official Monitor no. 530 of 23rd July 2003.

<sup>3</sup> Demonstrated by the number of the high rating papers in internationally recognised publications and by participation in international/national projects

***Failure to comply with the eligibility and essential selection criteria will result in a disqualification of the applicant concerned.***

### **SELECTION PROCEDURE**

The candidates will have to fill in the on-line application tool:

[http://www.intelcentru.ro/suprachem\\_lab/jobs.php](http://www.intelcentru.ro/suprachem_lab/jobs.php)

and to submit a scientific and management plan for the creation of SupraChem Group.

***The deadline for application is: 15.08.2015***

*Stage I: Eligibility checking of the candidates files* - This verification will be performed by the SupraChem Lab Management Team

*Stage II Remote evaluation* – consisting in the analysis of the CVs of the candidates, publication lists, motivation letters and draft Scientific and Management Plans for setting up the SupraChem Lab group.

*Stage III Interviews* - The first 3-5 highest marks candidates will be invited to interviews. During the interviews the candidates will present their scientific activity and the draft Scientific & Management Plan for setting up the SupraChem Labgroup. Depending on the candidates country of residence it is possible that part (or all) the interviews to use the on-line Skype communication facilities.

### **SCIENTIFIC AND MANAGEMENT PLAN**

The Scientific and Management plan should present the vision of the candidate on the creation and development of the SupraChem Lab research group. The Scientific and Management plan needs to be concise and well organise. The shortlisted candidates will have to present during the interview this plan. The main aspects that the scientific and management plan should focus are:

- ***Scientific Part (max length 3 pages).***

The candidate should present his vision concerning the scientific development of the SuprChem Lab Group. We expect to have proposals for topic such as: polyplexes, drug-delivery systems, bio- or non-degradable scaffolds, hydrogels in medicine and pharmacy, biomarkers and molecular and biomimetic membranes but also other topics related to supramolecular chemistry and biologically inspired systems for targeted medical and environmental applications can be proposed. The candidate has to show that the topic she/he proposes is a visionary original scientific research that will produce high quality science publications (assuring the highest rating and highest number of papers - internationally recognised) and will support the development and implementation of high quality research initiative. The candidate has to present how she/he will insure the best research environment. The candidate is expected to make a clear presentation of the innovative nature of the topic she/he propos.

- ***Management part (max length 1.5 pages)***

The candidates should present their vision concerning the SupraChem Lab group organisation: group members and expertise needed, draft planning for the training of the new group, human resource management, resource management (including PhD supervision), main tools for consolidation of the group, main tools for the sustainability of the new group

### **CONDITIONS OF EMPLOYMENT**

The selected candidate will be offered full-time position in PPIMC in agreement with Romanian national legislation and will be remunerated in accordance with the general practices of the institute - according to the dispositions of Annex no. 3 of Government Decision no. 475 of 23 May 2007, the maximum salary

for researchers of level I/II (the highest ranks). The ERA CHAIR position will be subject to the annual evaluation.

After recruitment, the ERA CHAIR will automatically become member of PPIMC Management Team. The ERA CHAIR will have full decision power on the activities of the SupraChem Lab group (for all scientific and financial aspects).

**PROTECTION OF PERSONAL DATA**

SupraChem Lab Management Team will ensure the candidates' personal data are processed as required by Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18.12.2000 on the protection of individuals with regard to the processing of personal data by the Union institutions and bodies and on the free movement of such data. This applies in particular to the confidentiality and security of such data (Official Journal of the European Community L8 of 12.01.2001).