HAVING REGARD TO Law No 168 of 9 May 1989;

HAVING REGARD TO the Statute of the University of Camerino;

HAVING REGARD TO Law No 241 of 8 July 1990 concerning the rules governing access to administrative documents and subsequent amendments and additions;

HAVING REGARD TO Presidential Decree No 445 of 28 December 2000 concerning regulations on administrative documents;

HAVING REGARD TO Law No 148 of 11 July 2002 on the recognition of Higher Education qualifications in Europe;

HAVING REGARD TO Ministerial Decree No 102/2011 - registered by the Court of Auditors on 13 May 2011 - referring to art. 22, para. 7 of Law No 240/2010 about the minimum allowance of a research grant;

HAVING REGARD TO Legislative Decree No 17 of 9 January 2008 on admission standards of third-country nationals for the purposes of scientific research;
CONSIDERING the research project “Nanoparticle-Based Imaging and Therapy of Chronic Pain in the Dorsal Root Ganglia (DRG)” – PIANO Codice Progetto ID 956477, Program: H2020- MSCA-ITN-2020, MSCA-ITN-2020, Marie Sklodowska Curie Actions;

HAVING REGARD TO the Personal Data Protection Code EU Regulation 2016/679;

HAVING REGARD TO Law No 240 of 30 December 2010, art. 18 para. 6;

HAVING REGARD TO Law No 240 of 30 December 2010, in particular arts. 18 and 22 on the organization of universities, academic staff and recruitment, as well as enabling the Government to promote quality and efficiency in universities;


HAVING REGARD TO the Regulation for the conferral of awards for collaborative research issued with Rectoral Decree No 6408 of 7 February 2020;

HAVING REGARD TO the Code of Ethical Conduct issued by the University of Camerino with Rectoral Decree No 16 of 3 February 2015;

HAVING REGARD TO art. 6, para. 2-bis, of Decree-Law No 192 of 1 December 2014, amended and transformed into Law No 11 of 27 February 2015;

FOUND the request of the Research Project Coordinator to issue an MSCA-ITN-2019 call, in the form of a 36 months fixed-amount fellowship agreement, Scientific Disciplinary Area CHIM/09 at the School of Pharmacy - University of Camerino (Macerata) – Italy – Research Project - “Nanoparticle-Based Imaging and Therapy of Chronic Pain in the Dorsal Root Ganglia (DRG)” – PIANO Codice Progetto ID 956477, Program: H2020- MSCA-ITN-2020, MSCA-ITN-2020, Marie Sklodowska Curie Actions;

WHEREAS this project has been funded under the European Union Horizon 2020 Framework Programme – Grant Agreement Marie Curie Sklodowska n. 675743;

WHEREAS funds are already available – Project code: ID 956477;

CONSIDERING the Resolution of the School of Pharmacy No 114 of 15 September 2020;

CONSIDERING the Resolution of the Academic Senate and Board of Directors of 28 October 2020;

CONSIDERING the Decree of the Director of School of Pharmacy n. 58 of 26 May 2021;

CONSIDERING the opportunity to open a competition for the conferral of a research grant;

DECREES
Article 1
Available position and eligible candidates

A public selection procedure for the recruitment for 2 Early Stage Researchers at the School Pharmacy of the University of Camerino is hereby announced. Details on the position:

<table>
<thead>
<tr>
<th>Candidates</th>
<th>Duration</th>
<th>Total cost for the institution for 36 months</th>
<th>Gross salary payable to the researcher for 36 months</th>
<th>Mobility allowance for 36 months</th>
<th>Family allowance for 36 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESR &lt; 4 years experience</td>
<td>36 months full-time</td>
<td>€ 122.899.68</td>
<td>€ 100.060.00</td>
<td>€ 21.600</td>
<td>€ 9.000 for researchers with a family</td>
</tr>
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<td>€ 21.600</td>
<td>€ 9.000 for researchers with a family</td>
</tr>
</tbody>
</table>

The family allowance is due if the researcher has a family at the time of recruitment. “Family means persons linked to the researcher by marriage (or a relationship with equivalent status to a marriage recognised by the legislation of the country where this relationship was formalised) or dependent children who are actually being maintained by the researcher.

Research Project  
“Nanoparticle-Based Imaging and Therapy of Chronic Pain in the Dorsal Root Ganglia (DRG)” – PIANO  
Codice Progetto ID 956477  
Program: H2020- MSCA-ITN-2020, MSCA-ITN-2020, Marie Sklodowska Curie Actions

Research Title 1  
“Preparation, characterisation and testing of different biomaterials”

Research Title 2  
“Neuroregeneration and Neurotransplantation”

CUN Area – Competition Sector – Scientific Disciplinary Sector  
03 (Chemistry) - 03/D2 (Technology, Socioeconomics and Medicines Law) - CHIM/09 (Pharmaceutical, Technological Applications)

Position 1  
Description / Research Aims  
ESR 1  
Objectives: The task of ESR1 will be to prepare and test different nanoparticle technology formats for imaging, accommodating payloads, and specific targeting of pain-associated cells or molecules in DRG. We aim to control the particle size and drug content by taking four independent processing parameters and two characteristics of the material into account. The interdependencies
between processing, material parameters, and the subsequent nanoparticle characteristics will be optimised to allow efficient production of drug-loaded polymer nanoparticles. This level of understanding should rapidly assist the project to have protocols for the production of optimal PLGA nanoparticles in place. **Expected results:** PLGA, which is already FDA approved, will be modified to produce optimal release kinetics of encapsulated payloads into DRG. The group will make structural changes, e.g. hydrophobicity, charge, biodegradation rate, and molecular weight, to make/produce/manufacture the optimal release formulation. We also expect to have drug-loaded PLGA nanoparticles by using two emulsification-solvent evaporation methods: homogenisation and sonication. **Planned secondments:** To LUMC for 2x2 months (m13-14 and m37-38) to learn about surface chemistry and targeting. To PERC for 3 months (m25-27) to learn small animal imaging and to perform molecular imaging experiments. **Scientific risk assessment:** Nanoparticles that are less than 300 nm in diameter will be chosen, since bigger nanoparticles are less biocompatible and have a shorter half-life. The risk is to produce batches with inconsistent nanoparticle size. However, we have protocols in place to reduce and eliminate this risk. The particle size of drug-loaded PLGA nanoparticles is effectively controlled by the amount of shear stress transferred from the energy source to the organic phase. This is influenced by the type of applied energy, aqueous phase volume, and polymer concentration in the organic solvent. When we would increase the drug–polymer interactions, the drug content of these nanoparticles may then be controlled by reducing the diffusion of the drug from the organic to the aqueous phase during the solvent evaporation stage of the preparation.

<table>
<thead>
<tr>
<th>Position 2</th>
<th>Description / Research Aims</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ESR 5</strong></td>
<td><strong>Objectives:</strong> The task of ESR5 is to develop genetic modification technology and tools (transgenic mice, knock-out mice, and replication-defective viral vectors) with the long-term goal to promote functional neuroregeneration of injured spinal cord tracts. Protocols will be developed where <em>in vivo</em> gene transfer technology is employed to modulate the response of neurons and glia cells to injury to provide new insights into the molecular and cellular mechanisms that promote and/or inhibit neuroregeneration. <strong>Expected results:</strong> An understanding of the structural and functional aspects of nerve regeneration and plasticity in the injured and intact PNS in relation to pain. The focus will narrow in on the role of transcription, neurotrophic factors, and chemorepulsive proteins. These results will prove to be relevant in the context of neuropathic pain and in advancing our understanding of how neurons survive injury and how nerve cells form and maintain new functional connections after injury. <strong>Planned secondments:</strong> To EDIN for 6 months (m12-17) to learn about macrophages/inflammation imaging. To UVA for 3</td>
</tr>
<tr>
<td>Location</td>
<td>School of Pharmacy – University of Camerino – Italy</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>Required Language</td>
<td>English</td>
</tr>
<tr>
<td>Contacts</td>
<td>Prof.ssa Piera Di Martino - Research Project Coordinator</td>
</tr>
<tr>
<td>Taxation, social security, insurance and benefits</td>
<td>As for taxation and social security matters, the provisions of art. 22, para. 6, Law No 240/2010 will apply. The University provides insurance coverage for personal injury and third party liability for research grant holders.</td>
</tr>
<tr>
<td>General Admission Requirements Candidate Eligibility Criteria</td>
<td>The Researcher can be of any nationality as long as the rule of mobility is met. At the time of recruitment by the host organization, researchers must not have resided in the country where the research training activities take place for more than 12 months in the 3 years immediately prior to the recruitment date (and not have carried out their main activity (work, studies, etc.) in the country. The beneficiary to be, at the date of recruitment, an “early stage researcher” (i.e. in the first four years of his/her research career and not have a doctoral degree).</td>
</tr>
<tr>
<td>Incompatibility and non-overlapping</td>
<td>The Researcher cannot be awarded to tenured academic staff employed by Universities, Astronomical or Astrophysical Observatories, public bodies, public research and experimentation agencies, research institutions as defined in accordance with art. 8, D.P.C.M. No 593/1993 and subsequent amendments and integrations, the National Agency for New Technologies, Energy and Sustainable Development (ENEA), the Italian Aerospace Agency (ASI). This Research Grant cannot be aligned with other employment contracts and scholarships.</td>
</tr>
</tbody>
</table>

**Article 2**

**Admission requirements**

Applications, drafted on plain paper according to the attached form (Attachment 1), together with relevant documentation, addressed to the Rector, are to be sent by registered mail with advice of delivery to the following address: Via D’Accorso no 16, 62032 Camerino (MC), ITALY, or hand-delivered to the University of Camerino Human Resources Dept., Via Gentile III Da Varano, 62032 Camerino (MC), ITALY, during office hours: Monday to Friday, from 9 a.m. to 13 a.m.
Applications must be submitted within the time limit of 30 days effective from the day following the publication of this announcement. If the aforesaid date is a Saturday or a holiday, the expiring date shall be postponed to the next working day. Failure to comply with this deadline entails exclusion from the selection.

In case of mail delivery the postmark date will prove the respect of deadlines, while in case of hand delivery the University Register Office, Via D’Accorso no 16, 62032 Camerino (MC), ITALY, will issue a receipt with the delivery date.

The selection procedure announcement will be published on the University of Camerino website at [http://www.unicam.it/bandi](http://www.unicam.it/bandi), in the University Notice Board, on MUR (Ministry of University and Research) website at [http://bandi.miur.it](http://bandi.miur.it) and on the European Union website at [http://ec.europa.eu/euraxess](http://ec.europa.eu/euraxess).


The University Administration is by no means responsible for missing out communications due to inexact address details provided by the candidate or for failed or late communication of address changes. Moreover, the Administration is not responsible either for inefficiencies of the postal service not due to the Administration itself, or for causes due to a third party, or for unforeseeable circumstances or force majeure, or for failed return of the advice of delivery of registered letters.

In full awareness of potential civil, criminal and administrative liabilities, in the application candidates must declare:

1) surname, name, place and date of birth;
2) citizenship; if Italian, their electoral register, specifying the district, or give reasons for not being enrolled, or for having been cancelled, if applicable;
3) to have a clean criminal record and not to have pending lawsuits, if applicable;
4) awarded post-graduate degree, grades, date and awarding University;
5) not to have been awarded any other scholarship, fellowship or research grant. Applicants commit themselves to give them up, in case of their being successful in the current selection procedure;
6) to be physically fit to the job;
7) not have resided in the country where the research training activities take place (host institution) for more than 12 months in the 3 years immediately prior to the recruitment date (and not have carried out their main activity (work, studies, etc.) in the country);
8) permanent or temporary address and postal code, where all communications about the selection procedure are to be sent;
9) to enjoy full rights as citizens in the state of origin or provenance, or reasons for failing to enjoy them;
10) to have a good command of the foreign language requested by the selection announcement (art. 1);
11) not to have degree of kinship up to the 4th degree with professors belonging to the School Council, the Rector, The General Director, or a member of the University Board of Directors.

The following documents must be attached to the application:

- two copies of a dated and signed curriculum vitae, which can also be sent by e-mail to the following address anna.silano@unicam.it or tiziana.paniccia@unicam.it, in order to have it published on the University website in accordance with art. 4, para. 3 of Legislative Decree 33/2013;
- all documents and qualifications (degrees, publications, courses etc.) deemed relevant for the purposes of this selection and the related numbered list;
− undergraduate level certificate(s), including university grades and the detailed list of university courses with grades:
  1. in original or in copy, certified by Italian authorities, legalized and accompanied by a sworn translation;
  2. including university grades and the detailed list of university courses with grades.
Copy of undergraduate level certificate(s) translated into Italian or English is accepted, and that the selected candidate is required to provide the official translation and a legal recognition of his/her qualification, in accordance with the national Law of the Host Institution.
− a copy of a valid identity document.
Evidence of qualifications may be given by a personal declaration of certification in accordance with art. 46, D.P.R. no. 445/2000 as of Attachment 2.
Qualifications deemed to be relevant for the purpose of the current selection procedure must be submitted within the deadline for application.
Qualifications and publications can be submitted in plain copy accompanied by a declaration in lieu of affidavit as of Attachment 3, in accordance with art. 47, D.P.R. no. 445/2000, where to state in full awareness that the submitted copies of academic qualifications and publications are true and faithful copies of the originals (art. 47, D.P.R. no. 445/2000).
If not signed in front of the person entitled to receive and collect them, a photocopy of an identity document must be attached to the aforementioned declarations.
The truthfulness and correctness of the successful candidate’s self-certified acts, facts, and personal data will be checked by the University of Camerino.
Applicant’s surname, name and address must be clearly written on the envelope.
It is not allowed to refer to documents or publications already submitted for other selection procedures.

Article 3
Selection Committee and evaluation criteria

The Selection Committee is appointed by the Rector and is composed of three members, upon proposal of the School Board, and it is composed by the Responsible of Research project and by other two members plus a proxy, Professors or Researchers whose competences and skills belong to research area of the project. Their curricula will be published on the University website.
In order to keep record of the selection procedure, minutes are taken by the Selection Committee.
The selection is based on the evaluation of qualifications and on interview (in presence or by skype).
Qualifications, relevant to the research activity will be taken into account as follows:
− Academic qualifications: master’s degree or equivalent awarded in Italy or abroad.
− Scientific professional curriculum: scientific track record documenting aptitude to research, contracts stipulated with and/or fellowships awarded by Italian, overseas, international institutions, educational and research achievements deemed useful for the selection and prized by the Committee in relation to the research activity to be performed, etc..
The Selection Committee will also evaluate creativity and autonomy shown by candidates’ scientific publications.

Article 4
Rights and duties of grant holders
Grant holder carries out research activities under the research programmes adopted by the School. In order to carry out their research activity, grant holder are entitled to use facilities, equipment and services provided for researchers in accordance with the School regulations in force.

The research activities can be developed in other partner Institutions as provided by the Grant Agreement.

The recruited researcher must respect:
- the obligation to work full-time;
- the obligation to work exclusively for the action;
- the obligation not to receive for activities carried out in the frame of the action, other income than those received from the beneficiary (or any other entity referred to in Annex 1 of the Grant Agreement);
- the obligation to inform the beneficiary as soon as possible of any events or circumstances likely to affect the agreement;
- the arrangements related to the intellectual property rights between the beneficiary and the researcher during implementation of the action and afterwards;
- the obligation to maintain confidentiality;
- the obligation to ensure the visibility of EU funding in communications or publications and in applications for the protection of results;

Grant holder are obliged to submit a detailed semestral written report to the School Board covering the research activities carried out and results achieved together with an opinion by the Coordinator.

Grant holder’s contract may be terminated, in case:
a. the research activity is unjustifiably postponed;
b. a negative evaluation on the research activity by the department, where the grant holder is working, is given.

Delays and interruptions can be justified just in case of duly attested serious illness or force majeure. Maternity leave is regulated by the Decree of the Ministry of Labour and Social Security of 27 July 2007, published in the Italian Official Journal no. 247 of 23 October 2007, while matters regarding sick leave are regulated by art. 1, para. 788, Law no. 296/2006 and subsequent modifications. During the period of obligatory maternity leave, the maternity subsidy paid by INPS in accordance with art. 5 of the abovementioned Decree of 27 July 2007 shall be supplemented by the University to match the entire amount of the remuneration due to the research grant holder.

Grant holders may withdraw from the contract upon 30 days written notice.

In any case the length of the research contract cannot exceed the expiration date of the project.

The Fellow Research contract is ruled by the Unicam - University of Camerino Regulation “Regolamento per Assegni di Ricerca” (see at http://www.unicam.it/sites/default/files/regolamenti/Regolamento%20relativo%20alle%20procedur e%20per%20il%20conferimento%20di%20assegni%20per%20la%20collaborazione%20ad%20attività%C3%A0%20di%20ricerca%202020.pdf).

Article 5
Contractual arrangement

The fellowship is governed by a contract of the Director General. The winner of the selection
procedure is invited to stipulate a private law contract usually effective from the beginning of the following month. As such, the contract does not in any way imply academic staff permanent employment and does not count towards tenure track positions at Italian University.

Upon termination of the contract, grant holder will have to submit a report on their research activity.

**Article 6**

**Return of documents and publications**

Within 6 months from the end of the selection procedure, candidates can ask back their documents (academic titles and publications), except in case of on-going legal disputes, in person from the Human Resources Department of the University of Camerino – Via Gentile III Da Varano, 62032 Camerino (MC), or by written request.

**Article 7**

**Fiscal and social security provisions**

Allowances referred to in this Regulation are subject to the fiscal provisions of art. 4, Law No 476/1984 and subsequent amendments and integrations, and to the social security provisions of art. 2, para. 26, Law No 335/1995 and subsequent amendments and integrations.

**Article 8**

**Processing of personal data**

The personal data transmitted by the candidates within the applications for participation in the selection procedure, pursuant to EU Regulation 2016/679, will be processed exclusively for the purposes of this selection procedure, and of assignment procedures for the grants in question, if any.

**Article 9**

**Publication**

In accordance with transparency requirements as of Legislative Decree No 33 of 14 March 2013, this selection procedure announcement will be published on Euraxess site at [http://ec.europa.eu/euraxess](http://ec.europa.eu/euraxess), while the announcement, the list of candidates, their curricula and the final results of the selection procedure will be published on the University of Camerino website at [http://www.unicam.it/bandi](http://www.unicam.it/bandi).

THE RECTOR
Prof. Claudio Pettinari
PETTINARI CLAUDIO
26.05.2021 12:44:47 UTC
ATTACHMENT “A”
Application form (on plain paper)

To the RECTOR
Università degli Studi di Camerino
Via D’Accorso n. 16 (Campus universitario)
62032 CAMERINO (MC)
ITALY

I, the undersigned (Surname and First Name) …………………………………………………………………

Place of birth ………………… Date of birth ………………… Citizenship ………………..

Place of residence ……………………… Address ……………………… Postcode ……………

Province (if in Italy) …………… Country (if other than Italy) ………………………………………

Telephone number ……………………………… e-mail …………………………………………..

DECLARE UNDER MY OWN RESPONSIBILITY

1) citizenship ………………………………;

2) to enjoy full rights as citizens in the state of origin or provenance, or reasons for failing to enjoy them and
to have a good command of the English language;

3) to have a clean criminal record and not to have any pending lawsuits;

4) to have been awarded a master’s degree in ………………………………………… on (date)
………………………… at the University of ……………………………………… with the final grade of
………………………… Title of the dissertation ……………………………… under the supervision of
Professor (Surname and First Name) ………………………………;

5) not to have been awarded any other scholarship, fellowship or research grant. Candidates commit
themselves to resign them, in case of their being successful in this selection procedure;

6) to be physically fit for the job;

7) starting at the date of obtaining the above-mentioned degree, to be in first 4 years (full-time equivalent*)
of my research career

8) not have resided in the country where the research training activities take place for more than 12 months
in the 3 years immediately prior to the recruitment date and not have carried out their main activity (work,
studies, etc.) in the country;

9) Domicile……………………… (city, number, street, and postcode, tel. ………………………………);
10) tax identification number, social security number or national identification number (if applicable)
..............................................;

11) to authorize the University of Camerino to publish my curriculum on its website;

12) not to have degree of kinship up to the 4th degree with professors belonging to the School Council, the
Rector, The General Director, or a member of the University Board of Directors.

Attachments to the application form:
1. two copies of a dated and signed curriculum vitae (to be sent also by email to: anna.silano@unicam.it
or tiziana.paniccia@unicam.it);
2. all documents and qualifications deemed relevant to the purposes of the selection procedure and the related
numbered list;
3. undergraduate level certificate(s):
   a. in original or in copy, certified by Italian authorities, legalized and accompanied by a
      sworn official translation**;
   b. including university grades and the detailed list of university courses with grades.
   Or a photocopy of the undergraduate level certificate(s) translated into Italian or English (see art. 2 of the Announcement);
4. a copy of a valid identity document.

Date,

Signature

---

*full-time equivalent means the research experience measured from the date when the above-mentioned degree granting
access to doctoral studies was obtained (irrespective of whether or not a doctorate is or was ever envisaged). Any periods
of part-time activity in research should be translated into full-time experience (e.g. 3 years half time = 1.5 years full-
time). Please note that the applicant may be asked to produce evidence of this experience at any stage.

**The candidate acknowledges that the Selection Committee must accept the diploma for the sole purpose of the
admission to the procedure and that the selected candidate may be required to provide the official translation and a legal
recognition of his/her qualification, required by the national Law of the Host Institution.
ATTACHMENT “B1”

• SELF-DECLARATION AS SUBSTITUTIVE OF DOCUMENTS
  (art. 46, D.P.R. 445/2000)

I, the undersigned

SURNAME __________________________________________
  (married women must declare their maiden name)

NAME ____________________ TAX IDENTIFICATION NUMBER ______________________________

PLACE OF BIRTH _________________ PROVINCE_____ COUNTRY____________________

DATE OF BIRTH ____________________ SEX ______________________________

PLACE OF RESIDENCE ____________________________ PROVINCE_____ COUNTRY__________

COUNTRY______________ ADDRESS _______________________________________________________________________

POSTCODE ____________ TELEPHONE NUMBER____________________________________________________________

in full awareness that any untruthful statement made herein will entail sanctions laid down in the Criminal
Code and the special laws applied in this matter (art. 76, D.P.R. 445/2000),

HEREBY DECLARE:

_______________________________________________________________________________________

_______________________________________________________________________________________

_______________________________________________________________________________________

in full awareness that any untruthful statement made herein will entail sanctions laid down in the Criminal
Code and the special laws applied in this matter (D.P.R. 445/2000, art. 76)

Place and date ____________________________ Signature ________________________________
ATTACHMENT “B2”

• SELF-DECLARATION AS SUBSTITUTIVE OF ATTESTED AFFIDAVIT
  (art. 19 and 47, D.P.R. 445/2000)

I, the undersigned

SURNAME ____________________________________________________________
  (married women must declare their maiden name)

NAME __________________ TAX IDENTIFICATION NUMBER _______________________

PLACE OF BIRTH ____________________________________ PROVINCE____ COUNTRY_______

DATE OF BIRTH ____________________ SEX ________________________________

PLACE OF RESIDENCE ________________________________________________ PROVINCE____

COUNTRY__________ ADDRESS __________________________________________

POSTCODE ____________ TELEPHONE NUMBER______________________________

in full awareness that any untruthful statement made herein will entail sanctions laid down in the Criminal
Code and the special laws applied in this matter (D.P.R. 445/2000, art. 76)

HEREBY DECLARE:

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Pursuant to and in accordance with EU Regulation 2016/679, the undersigned, declare to be aware that the
collected personal data will be processed, also by ICT tools, exclusively for the purposes of the current
selection procedure.

Place and date ___________________________ Signature____________________________