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Object: Competition for a junior grant for collaboration in research activities in the Competition Sector 05/G1 – Pharmacology, Clinical Pharmacology Pharmacognosy - Responsible Scientists Dr. Cristina Giaroni

THE DIRECTOR OF THE DEPARTMENT

- Given art. 22 Law 30th December 2010 n. 240 which establishes, within the financial resources, the assignment of fellowships for collaboration in research activities;
- Given the Decree of the Ministry for Education, University and Research, n. 102 on 9th March 2011, which establishes the minimum amount payable;
- Given the Regulations concerning the assignment of grants for collaboration in research activities (hereinafter Regulations) issued by Rector's decree n. 903 on 24th July 2013, Recent changes made by Rector Decree 18 December 2017, n. 1021, effective from January 3, 2018;
- Recalling the Rectoral Decree n. 282 of April 9th, 2021, to issue the list of eligible research projects financed by the University, as part of the selection procedure for no. 20 junior research grants 2020;
- Recalling the resolution of the Academic Senate of 18 December 2019 with which an opinion is issued on the forecast budget for the year 2020 and the three-year forecast budget 2020-2022;
- Recalling the resolution of the Board of Directors of 18 December 2019 approving the forecast budget for the year 2020 and the three-year forecast budget 2020-2022 and the financing of 20 junior grants;
- Having recalled the Rector's Decree Rep. N. 456/2020 of the Call for financing proposals of n. 20 junior research fellowships-year 2020;
- Considering that the project presented by Dr. Cristina Giaroni was among those eligible and financed by the University for the conferment of n. 1 junior allowance entitled: " Effect of hyaluronan-bilirubin nanoparticles administration on the intestinal neuromuscular function in adolescent dysbiotic mice " with a duration of 1 year, whose activity research is to be carried out at the Department of Medicine and Surgery;
- Ensured that the amount of the grant referred to in this announcement is financially covered by the University funds;





ORDERS

Art. 1 - Object

Notice of a competition by qualifications and interview announced for the assignment of n. 1 junior grant for collaboration in research activities lasting 1 year for the Area 05 - Biological Sciences, Competition Sector 05/G1 – Pharmacology, Clinical Pharmacology Pharmacognosy, Scientific-Disciplinary Sector BIO/14 - Pharmacology, Macrosector 05/G – Clinical Experimental Pharmacological Sciences to the Department of Medicine and Surgery.

The conferment of the grant involves the creation, within the Medicine and surgery department under Dr. Cristina Giaroni supervision of the following:

Title of the research: “Effect of hyaluronan-bilirubin nanoparticles administration on the intestinal neuromuscular function in adolescent dysbiotic mice”

Research Project: “The gut microbiota undergoes dynamic processes during pediatric age and any environmental insult, such as the use of antibiotics, results in dysbiosis-induced vulnerability of the enteric neuromuscular function. Such perturbations may underlie development of inflammatory bowel disease (IBD). Hyaluronan (HA), by modulating receptors for microbial components, such as toll-like receptors, sustains enteric neurons homeostasis during intestinal inflammation. This project, resorting to a multidisciplinary approach, comprising pharmacological, immunohistochemical and biomolecular assays, aims to evaluate the efficacy of HA-bilirubin nanoparticle administration in preventing the neuromuscular function derangement in the small intestine of adolescent mice undergoing chronic antibiotic treatment, conceivably impeding the development of more overt pathological conditions, such as IBD.”

This research will be held at the Department of Medicine and Surgery of the Insubria University.

Responsible Scientist: Dr Cristina Giaroni.

Art. 2 – General requirements

- Master’s Degree in Biology Applied to Biomedical Research or belonging to the LM-6 degree class
- Master’s Degree in Pharmaceutical Chemistry and Technology belonging to the LM-13 degree class obtained pursuant to Legislative Decree 270/2004 and subsequent amendments or equivalent qualification obtained under previous regulations;

PhD Doctorate (**compulsory**) in Biomedicine, Pharmacology, Biochemistry

A similar academic qualification obtained abroad and recognised as equivalent to the Italian qualification by the competent academic authorities.



Preferential requirement:

- Knowledge of morphological, biomolecular and functional analysis methods aimed at conducting experiments for the study of the enteric nervous system;
- Experience in the use of animal models for the study of active drugs at the level of the digestive system;
- Scientific publications relating to the specific field of research.

Candidates must have no criminal record

Applicants in possession of degrees earned abroad, who have not obtained the declaration of equivalence, must enclose in the application form a translation into Italian and a declaration of value of the foreign degree by a qualified Italian Diplomatic or Consular Representative in the country of origin, according to the Laws in force on the subject.

The degree earned abroad can be declared admissible, by the Judging Commission, only for purposes related to the selection.

Qualifications **must be possessed on the date of closure established for the presentation of the application form.**

Those who have already been awarded grants according to law n. 240 - 30th December 2010 for more than 6 years except for the period corresponding to a PhD without scholarship within the maximum limit of the legal duration of the related course cannot participate in the selection. For the purpose of the duration of the grant periods spent on maternity leave or for health reasons are not relevant according to laws in force.

Art. 3 – Incompatibility

Personnel employed in Universities and in other public institutions as of art. 22 paragraph 1, Law 240 30th December 2010 can participate in the competition, but must resign in the case of winning the Fellowship.

Civil Servants in different institutions from those mentioned in the paragraph above can be awarded the fellowship but must be placed on leave without salary for the duration of the Fellowship.

The Fellowship is not compatible with registration in undergraduate courses, graduate courses, PhD with scholarship or with a School of Specialization in the medical area, in Italy or abroad and with registration in other School/Courses which require obligatory attendance and prevent carrying out activities established in the contract.

Relatives and in-laws within and including the fourth degree of a professor who is a member of the Department or the Structure requesting the institution of the Fellowship, or of the Rector, the General Director or a member of Administrative Council of the University cannot participate in the competitions for the assignment of fellowships.

The Fellowship cannot be accumulated with scholarships in anyway awarded except with those awarded by national or foreign institutions useful for integration, for stays abroad,



of the research formation of Fellows. The Fellowship cannot be accumulated with employed work, with contracts of collaboration or with income from free-lance activities, carried out in a continuous way.

The holder of the check is required to submit a specific declaration made upon signing the contract pursuant to Presidential Decree n. 445/2000 certifying any checks received and the absence of elements of incompatibility assuming the commitment to promptly communicate any subsequent variation.

Failure to comply with the provisions of the regulation, the notice and the contract entails the immediate forfeiture of the enjoyment of the check and the exclusion from any renewals

Art. 4 – Application and deadlines

The application for participation in the selection, as well as qualifications held, the documents and publications voted helpful for the competition **must be submitted, under penalty of exclusion, via computer**, using the computer application dedicated to page: <https://pica.cineca.it/uninsubria/dmc2021-adrj002>

The computer application will necessarily require the possession of an e-mail address in order to perform the self-registration system. The candidate will have to enter all data required for the production of the application and attach the documents in PDF format. You can attach a maximum of n. 30 documents for publications and n. 30 documents for other qualifications to evaluate, and maximum 30 Mb size.

The application form must be completed in all its parts, as indicated in the electronic procedure, and must include:

- Curriculum of the scientific and professional activities
- Copy of an identity document valid

No other forms of submission of applications or useful documentation for participation in the procedure are allowed.

Within the application deadline, the system can be saved in draft mode. The date of electronic submission of the request for participation in the selection is certified by the computer system that will be received by automatically sent via e-mail.

At the end of the period for submission, the system will no longer allow access and sending the electronic form.

To every application will be assigned an identification number which, together with the competition code in your application information must be specified for any subsequent communication.

The process of compiling and sending electronic application must be complete **no later than 12:00 pm May 15, 2021.**

The presentation of the application form must be completed and concluded as follows:

- **Sign your document with ConFirma**
In order to sign digitally the application it is necessary to have an hardware (e.g. smart card or USB with digital signature certificate issued by an approved certification body) compatible with ConFirma service. After signing, applicants can download the signed pdf application



- **Sign the application digitally on your electronic device**
In order to sign digitally the application it is necessary to have an hardware (e.g. smart card or USB with digital signature certificate issued by an approved certification body) and a software for digital signatures in order to create a pdf.p7m file from the pdf file downloaded from this site. The pdf.p7m file must be uploaded in the website again
- **Sign the application (no digital signature)**
If you can't sign the document digitally as specified in the other sections you need to download the pdf file of the application, print it, sign it in original, scan it in a pdf file and upload it again on the website.

WATCH OUT: the copy of a valid identity document must be included as the last page of the scanned pdf, after the application form pages (this step can be dispensed with if a copy of the document was uploaded as an attachment of the application form)

They will be declared inadmissible the applications without the signature of the candidate.

Foreign nationals residing in Italy can take advantage of self-certification above, limited to cases where it is necessary to proof conditions, facts and personal qualities certifiable by Italian public or private entities (art. 3 of Presidential Decree no. 445 / 2000).

Foreign nationals not resident in Italy cannot rely in any way the institute of self (art. 3 of Presidential Decree no. 445/2000).

Bonds, certificates and publications produced in a manner different than indicated above will not be taken into account. In application of the rules of self-certification matter, the University will undertake verification of the veracity of substitutive declarations and self-certifications under Presidential Decree n. 445/2000.

It is considered validly made exclusively the documentation received by the final deadline indicated in the notice. It is not eligible for introduction into the evaluation insolvency of their qualifications earned or after the date of deadline of the notice.

It is not allowed to make reference to documents and publications previously submitted for participation in other contests by this or other Administrations.

Candidates must provide their own expenses to the restitution of securities and publications sent for participation in the selection, subject to agreements with the Secretariat of the Department of Medicine and Surgery of the University of Insubria, Varese.

All communications relating to the selection will be published, with notification value in all respects, on the Official Register of the University and on the University website www.uninsubria.it.

Art. 5 - Information on the implementation of legislation on the prevention of corruption

The University, in implementation of the legislation on the subject, adopted its three-year plan for the prevention of corruption and appointed the Head of the Prevention of Corruption.



The three-year plan is published on the corporate website at <http://www4.uninsubria.it/on-line/home/naviga-per-tema/amministrazione-trasparente/articolo4719.html> page

Any reports can be sent to: anticorruzione@uninsubria.it

Art. 6 – Selection Procedure

The selection consists of a comparative evaluation of the curricula of the applying candidates on the basis of their qualifications and publications.

The assessment is supplemented by an interview, held in public session, which will focus on the illustration of the candidate's professional experience aimed at evaluating her/his suitability for carrying out the research activity covered by the grant.

The interview will be remotely held using audio and video IT media, the candidate is subject to recognition of her/his identity.

The evaluation of qualifications and interview will be held on 18 May 2021 from 09:00 a.m. The interview will be held on 18 May 2021 from 14:00 p.m. Candidates will be notified of the time scheduled for the interview by e-mail (as indicated in the application).

Failure to attend the interview is considered to be an explicit and definitive expression of the candidate's willingness to renounce selection.

For the interview candidates must be in possession of a valid identity document or an equivalent identification document in accordance with art. 35, paragraph 2, of Presidential Decree 28/12/ 2000, no. 445.

Access to the interview is open to candidates for whom the assessment of their qualifications has been carried out, who have not therefore been excluded for the reasons set out in art. 7.

The candidates recognized as handicapped must specify in the application the necessary help in relation to their disability, as well as the possible need for additional time for the completion of any tests, under the law February 5, 1992, n.104.

For the evaluation of the candidates commission has 70 points, of which:

- Scientific and professional curriculum: up to a maximum of 30 points;
- Scientific publications: up to a maximum of 10 points;
- Interview: up to a maximum of 30 points.

For inclusion in the ranking, following the evaluation of titles and publications, candidates must have achieved a total score of not less than 20/70.

The candidate who achieve a score equal or greater than 20/70 will be admitted to the final interview, the evaluation of which can be maximum 30 points.

For inclusion in the ranking, candidates must have achieved an overall score of at least 42/70.

QUALIFICATIONS (UP TO 30 POINTS)



- 1) The maximum degree 5/70 and in particular:
 - 110/110 cum laude 5 points;
 - Score from 105 to 110 2 points;
 - Score 99 to 104 1 points;
- 2) Degree thesis 5/70;
- 3) PhD thesis 10/70
- 4) Previous scientific research in the pathophysiology of the digestive system (contracts, scholarships, assignments, certificates, etc.) maximum 10/70

PUBLICATIONS (UP TO 10 POINTS)

- 5) Scientific Publications maximum 10/70

INTERVIEW (UP TO 30 POINTS) maximum 30/70

The scores attributed to the qualifications and publications are made known to the candidate before the start of the interview.

At the end of the works, the Commission will make known the result of the selection and will compile a merit ranking.

The final list is approved by the Director of the Department and will be posted on the official page of the Register of the University and on the website as notification to those concerned.

Art. 7 – Exclusion

Candidates are admitted conditionally.

The following imply exclusion from the procedure:

- 1) The application submitted or sent after the final date of expiry of the notice;
- 2) Failure to sign the application form;
- 3) The lack of participation requirements;
- 4) The existence of situations of incompatibility.

Exclusion is provided for with a motivated decision of the Director of the Department and shall be communicated to the candidate using the e-mail address provided.

Art. 8 – Renouncing of the candidate for the procedure

Any waiver of the candidate to participate in the procedure will be sent as so-and exclusively on the web address shown above, Art. 4 of this announcement, by filling in the form of renunciation.



Art. 9 – Contract of collaboration

The winner will be called on to sign a temporary contract of research activity collaboration drawn up under civil law, within a specified period, otherwise he/she will lose the right. This fixed-term contract does not represent, in any way, a permanent contract of employment and does not give right to be admitted to permanent positions within University. The University provides equal opportunities between men and women.

The grant implies carrying out the activities briefly mentioned below at the Department of Medicine and Surgery of the University of Insubria and under the supervision of Responsible Scientist Prof. Andrea Selenito Imperatori within the research programme: “Training simulator efficacy in developing thoracic and general surgical skills in an academic residency program: a pilot study”.

Conditions are indicated by the contract and governed by the Regulations.

The position will cover a period of 1 year and can be renewed for periods of not less than one year up to a maximum of six years total with the same subject, also entered into with different institutions and universities, excluding the period in which the fellowship was received in connection with a PhD without a grant, not exceeding the legal duration of the course.

The contracts referred to in Article 24 of Law 240/2010, intervening with various universities, government, non-state or telematic, as well as with the institutions referred to in paragraph 1 of art. 3 of this notice, may in no case exceed twelve years, even if not continuous. For the purposes of said contract the length of periods spent on maternity leave or for reasons of health, as provided by law are not considered.

Renewal is still subject to a positive assessment of activities by the Department Council, as well as to availability of budgetary funds.

For non-EC citizens the fellowship will start after obtaining the residence permit for scientific research and when the research activity actually begins.

Art. 10 – Salary

The amount for the 1 year period of the research grant is € 19.367,00= inclusive of taxes and contributions borne by the candidate.

University will provide insurance cover for public liability and accident.

The amount is tax free according to article 4 of Law n. 476 dated 13/08/1984 and it is subject, for what concerns welfare conditions, to regulations as from article 2 paragraph 26 and following Law n. 335 dated 8/08/1995.

The sum will be paid in monthly instalments.

Art. 11 - Suspension of the contract for maternity and sick leave

The research activity is suspended for maternity leave.



Regarding mandatory maternity leave, the conditions of Ministry of Labour Decree dated 12/07/2007, G.U. n° 247 of 23/10/2007 will be applied. Sick leave will be governed by article 1, paragraph 788 of Law n. 296 dated 27/12/2006 and successive modifications.

During period of mandatory maternity leave, the amount paid by INPS according to article 5 of the above-mentioned Decree 12/07/2007 will be integrated by the University up to, and not over, the total amount of the contract.

The mandatory maternity leave must be recovered after the natural expiration of the contract as provided by law upon Department Director's act.

Art. 12 – Withdrawal of the owner of the research

The holder has the right to withdraw from the relationship, giving notice to the Director of the Department at least thirty days before.

Non-communication of the above implies retention of the amount relative to the period in lieu of notice.

Art. 13 – Termination of employment

If the holder does not continue the research activities in the program without good reason or is responsible for serious or repeated misconduct, on the motivated report by the Research Scientist and by the Council of the Department, termination of the contract may be ordered.

The contract will be terminated automatically, without notice, in the following cases:

- Undue delay or failure to initiate activity
- Unjustified suspension of activity for a period exceeding 15 days
- A serious contravention of the incompatibility clause of Article 7 of this Regulation
- Expression of a negative evaluation of the research by the Department Council.

The resolution provisions are stipulated by the Department Director.

Art. 14 – PhD and Master

The holder of research grants can attend, also as part of the excess number, and without the right to a grant, the PhD research course, subject to the passing of the entrance examinations.

The participation of the holders in master's degree course is incompatible.

Art. 15 - Head of the proceedings

According to Law n. 241 dated 7/08/1990 Dr Letizia Santo- Administration Office, Department of Medicine and Surgery, the University of Insubria Via Guicciardini 9, 21100 Varese, Italy e-mail: segreteria.dmc@uninsubria.it. in charge of the competition notice.



Art. 16 - Privacy policy

The personal data provided are processed in accordance with the General Data Protection Regulation - EU Regulation 2016/679 and Legislative Decree n. 196/2003 and s.m.i. "Code regarding the protection of personal data". This information is provided, pursuant to the General Data Protection Regulations - EU Regulation 2016/679 to those who wish to participate in the aforementioned selective procedure. The University undertakes to respect the confidential nature of the information provided by the candidate. All data provided will be processed exclusively for the purpose of managing the selection procedure and any management of the collaboration relationship in compliance with the provisions in force.

Art. 17 - Final rules and publishing

For matters not provided for in this notice, reference is made to the applicable laws and regulations on the subject.

This notice will be published on the University website of the Ministry of University, Education and Research and the European Union.

Varese, April, 27th 2021

THE DIRECTOR OF THE DEPARTMENT

Prof. Antonio Spanevello

Digital signature

DATE OF PUBLICATION IN THE REGISTER ON LINE on April, 28th 2021

DATE OF EXPIRATION OF TERMS on May, 15th 2021

Responsabile del Procedimento Amministrativo (L. 241/1990): Dr. Letizia Santo
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