



## Università degli Studi di Messina

### SELECTIVE COMPARATIVE ASSESSMENT PROCEDURE FOR TITLES AND EXAMINATIONS FOR THE AWARDING OF No. 20 RESEARCH GRANTS TYPE A FOR CARRYING OUT RESEARCH ACTIVITIES

#### THE RECTOR

- IN VIEW OF** The Statute of the University of Messina, issued with the Decree of the Rector (D.R.) No. 1244 of 14<sup>th</sup> May 2012 (published on G.U. – Serie Generale No. 116 of 5<sup>th</sup> May 2012) and modified with D.R. No. 3429 of 30<sup>th</sup> December 2014 (published on G.U. – Serie Generale No. 8 of 12<sup>th</sup> January 2015);
- IN VIEW OF** the Decree of the President of the Republic (D.P.R.) No. 445 of 28<sup>th</sup> December 2000 and subsequent amendments and integrations;
- IN VIEW OF** the law No. 240 of 30<sup>th</sup> December 2010 and particularly article 22 which deals with the modalities for the assignment of research grants for carrying out research activities by University of Messina;
- IN VIEW OF** the Ministerial Decree (D.M.) No. 102 of 9<sup>th</sup> March 2011, which determined the *gross minimum* annual amount of the research grants in accordance with the above-mentioned law,
- IN VIEW OF** the Regulations for the awarding of research grants for carrying out research activities, as modified by D.R. No. 81 of 16<sup>th</sup> January 2020;
- IN VIEW OF** the deliberations of *Senato Accademico* and of *Consiglio di Amministrazione* of 30<sup>th</sup> October 2018, with which the guidelines that the Departments must observe for the formulation of requests for the activation of Type A Research Grants have been approved;
- IN VIEW OF** the deliberations of the Departmental Councils which proposed the initiation of selection procedures for the activation of Type A research grants 2020;
- GIVEN THAT** the Collegial Bodies in their respective sessions of 12<sup>th</sup> November 2019 postponed the procedure for a type A research grant in SC 11/E4 - SSD M-PSI/08 at the Department of Clinical and Experimental Medicine, not yet activated by providing for it in the budget and in the announcement for the year 2020;
- IN VIEW OF** the deliberations, respectively, of the *Senato Accademico* of 14<sup>th</sup> May 2020, which expressed a favourable opinion, and of *Consiglio di Amministrazione* of 15<sup>th</sup> May 2020, which approved the Disciplinary Competition/Scientific Sectors for which it is a priority to initiate the procedures for activating Research Grants of type A, pursuant to art. 22 of Law No. 240/2010, as the table attached to the aforementioned resolution;
- GIVEN THAT** the C.A. 04.43.08.03 of *Bilancio Unico d'Ateneo di previsione 2020* provides the necessary coverage concerning the project ASSEGNI\_DI\_RICERCA\_2020;

#### DECREES



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## **Art. 1** ***Announcement***

1. A comparative assessment procedure is launched, based on titles and examinations, aimed at the awarding of No. 20 type A research grants, pursuant to article 22 c. 4 lett. a) of the Law No. 240/2010 and *the University Regulations for the awarding of research grants for carrying out research activities*.
2. The research topics and the structures, in which the research activity will be carried out, are indicated in Attachment A of this announcement, where in particular for each research grant, are indicated:
  - ✓ the Department;
  - ✓ the area, the competition sector and the scientific-disciplinary sector;
  - ✓ the theme of the research project and its description;
  - ✓ the scientific responsible;
  - ✓ the required foreign language.
3. The research grant has a duration of two years and can be renewed.

## **Art. 2** ***General admission requirements and incompatibilities***

1. Those who meet the following requirements can participate in the selection, without age or citizenship limits:
  - a. PhD degree title in the relevant scientific disciplinary area, obtained in Italy or equivalent qualification obtained abroad;
  - b. or, for the sectors concerned, the title of specialization in the medical area accompanied by adequate scientific production.  
In both cases, candidates are also required to have a scientific-professional curriculum suitable for carrying out research activity.  
**The suitability of the foreign qualification** will be ascertained by the Committee, for the sole purpose of this selection, in compliance with the legislation in force, in Italy and in the country where the title was issued and in compliance with the international treaties or agreements concerning the recognition of qualifications for the continuation of the studies.
  - c. knowledge of foreign language indicated in the Attachment A.
2. The admission requirements and any qualifications **must be held** at the deadline for submitting the application form.
3. **Those** who have a degree of kinship or affinity, up to and including the fourth degree, with a professor belonging to the Department or the Structure making the call or with the Rector, the General Manager or a member of the *Consiglio di Amministrazione* of University, **cannot participate in the procedure**, pursuant to article 18 paragraph 1, point c) of law No. 240 of 30<sup>th</sup> December 2010.
4. The research grants **cannot be awarded**:
  - a. to the permanent staff of Universities, Institutions and public research and experimentation bodies, of *Agenzia Nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile* (ENEA) and of Agenzia Spaziale Italiana (ASI), as well as of institutions whose scientific specialization the diploma was recognized as equivalent



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to the title of research doctor, pursuant to article 74 paragraph 4 of the D.P.R. No. 382 of 11<sup>th</sup> July 1980.

The entitlement of the research grant entails, for employees in service with public administrations, different from indicated above, the unpaid placement for the period of duration of the research grant.

- b. to those who were recipients of research grants pursuant to Law 240/2010 for a period which, added to the duration envisaged by the public announcement, exceeds a total of 6 years. In the aforementioned period, all the renewals are counted except for the period in which the scholarship was received at the same time as the research doctorate, up to the legal duration of the relative course;
- c. to those who were recipients of research grants and fixed-term research contracts, respectively pursuant to articles 22 and 24 of law No. 240/2010 at the University of Messina or in other Italian, state, non-state or computerized universities, as well as at the bodies referred to in paragraph 1 of art. 22 of the law No. 240/2010 for a period that, added to the duration foreseen by the announced contract, exceeds a total of 12 years, even if not continuous.

For the purpose of the duration of the aforementioned relationships, the periods spent on maternity leave or for other reasons, pursuant to current legislation, are not recorded.

5. The entitlement of the research grant **is not compatible** with the enrollment in degree courses, specialist degrees or master's degree courses, research doctorates with scholarships or specialization schools in the medical area, in Italy or abroad, as well as with enrollment to another school/course which, by requiring compulsory attendance, prevents the performance of the activities set forth in the contract.
6. The grant **cannot be combined** with scholarships awarded for any reason whatsoever except for those awarded by national or foreign institutions useful for integrating the research activity of the owners with stays abroad. The grant **is also not combined** with the employment and with other grants or collaboration contracts for the research activity.
7. The holder of the research grant **can carry out a limited self-employed activity**, upon written communication and agreement with the responsible professor, provided that such activity is declared compatible by the Structure in which he/she carries out the research activity and does not involve a conflict of interests with the research activity carried out for the University. The researcher can also carry out guidance and mentoring activities and attend exams as a subject expert.
8. The University may at any time order **the exclusion** from the procedure due to the lack of the prescribed requirements or the forfeiture of admission and/or any benefits obtained.

### Art. 3

#### *Application for admission*

1. The application for admission to the assessment procedure, as well as the qualifications held, documents and publications deemed useful for the competition must be **submitted, under penalty of exclusion, by electronic means**, using only the appropriate IT procedure made available at the web address <https://pica.cineca.it/unime/>.

The IT application will necessarily require the possession of an e-mail address, in order to be able to self-register to the system.

The candidate must enter all the data required for the production of the application and attach the documents in PDF format.



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

Within the application deadline, the system allows saving in draft mode. The date of electronic submission of the application for admission in the selection is certified by the computer system, through a receipt sent automatically by e-mail. Once the deadline for submission expired, the system will no longer allow the access and the sending of the electronic form. Each application will be assigned an identification number which, together with the competition code indicated in the IT application, must be specified for any subsequent communication.

The procedure for completing and submitting the application electronically must be completed no later than **12.00 (Italian time) on the thirtieth day following the date of publication.**

The submission of the application form must be finalized and concluded as follows:

- **by manual signature:** to manually sign the document you need to download the PDF file generated by the system on your computer, and, without modifying it in any way, print it, affix a handwritten signature on the last page of the document, scan it into a PDF file and upload it on the system;
- **by digital signature on the ConFirma server:** to digitally sign the document you need to have a hardware (for example smart card or USB device with digital subscription certificate issued by an accredited Certifier) compatible with the ConFirma service; after the signature, you will be able to download the signed PDF;
- **by digital signature on the PC:** to digitally sign the document you need to have a hardware (for example smart card or USB device with digital certificate of subscription issued by an accredited Certifier) and a digital signature software to generate, from the PDF file of the document downloaded from the website, the signed file in pdf.p7m format to reload on the site itself.

**Under penalty of exclusion, the application must contain all the data requested in the IT procedure and must be signed and accompanied by a valid identification document of the candidate.**

For any technical problems, candidates may send an e-mail to [unime@cineca.it](mailto:unime@cineca.it).

2. In the application, the candidate must declare, pursuant to the D.P.R. No. 445 of 28<sup>th</sup> December 2000 and subsequent amendments and integrations:
  - a. name and surname;
  - b. date and place of birth;
  - c. citizenship;
  - d. residence and domicile elected for the purpose of participating in the procedure;
  - e. not to have reported criminal convictions and not to have ongoing criminal proceedings (if not, indicate which);
  - f. the title of the topic he/she intends to develop (*only one of those foreseen by the announcement*);
  - g. the qualifications in possession: PhD diploma in the relevant scientific subject area, or the possession of an equivalent qualification obtained abroad, recognized as equivalent to an Italian qualification by the competent authorities. **The suitability of the foreign qualification** can be ascertained by the Committee, only for the purposes of this selection, in compliance with the regulations in force;
  - h. to have knowledge of the foreign language in accordance with Attachment A;



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- i. not to have a degree of kinship or affinity, up to and including the fourth degree, with a Professor belonging to the Department or the Structure making call, or with the Rector, the *Direttore Generale* (General Manager) or a member of *Consiglio di Amministrazione* (Board of Directors) of University;
- j. not to belong to the permanent staff of Universities, Institutions and public research and experimentation institutions, of *Agenzia Nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile* (ENEA, National Agency for New Technologies, Energy and Sustainable Economic Development) and of *Agenzia Spaziale Italiana* (ASI, Italian Space Agency), as well as of institutions whose scientific specialization diploma was recognized as equivalent to the PhD degree, pursuant to article 74 paragraph 4 of the D.P.R. No. 382 of 11<sup>th</sup> July 1980;
- k. not to work as an employee or to be aware that the entitlement of the research grant entails for employees in service at public administrations other than those mentioned in the point j, the placement on unpaid leave for the entire duration of the research grant and not to be the beneficiary of other research grants or collaborations for the research activity;
- l. not to have received research grants pursuant to Law 240/2010 for a period which, added to the duration envisaged by the contract announced, exceeds a total of 6 years. In the aforementioned period, any renewals are calculated with the exception of the time period in which the grant was received coinciding with the PhD course, within the maximum legal duration of the course;
- m. not to have received research grants and fixed-term researcher contracts, respectively pursuant to articles 22 and 24 of Law 240/2010 at the University of Messina or at other Italian, state, non-state or computerized Universities, as well as at the institutions referred to in paragraph 1 of art. 22 of Law 240/2010 for a period which, added to the duration provided by the contract announced, exceeds a total of 12 years, even if not continuous;
- n. to be aware that the entitlement of the research grant **is not compatible**:
  - with enrollment in Bachelor's degree courses, Master's degree courses, PhD courses with scholarship, in Italy or abroad, as well as with enrollment in another school/course which, providing for mandatory attendance, prevents the conduct of the activities foreseen in the contract;
  - with the use of scholarships awarded for any purpose, with the exception of those granted by national or foreign institutions useful for integrating research activities with stays abroad;
  - with enrollment in courses which, providing for compulsory attendance, prevent the performance of the activities foreseen in the contract;
  - with employment and other grants or collaboration contracts for research activities;
- o. The candidate with a disability must specify, in the application form, the necessary aid in relation to his/her own handicap and the possible need for additional time, documented by a suitable certification issued by the public health authority responsible for the territory, in accordance with Law No. 104/92, as amended by Law No. 17/99. The candidate with a diagnosis of specific learning disabilities (SLD) must specify, in the application form, the necessary compensatory tools and the possible need for additional time, documented by a suitable certification issued by NHS structures for no more than three years, or by specialists and facilities accredited by the same,



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pursuant to Law No. 170/2010 and subsequent D.M. guidelines No. 5669, 12<sup>th</sup> July 2011.

For any information, the candidate may contact the University's "Disability Services/DSA" Operational Unit, located in via Consolato del Mare, No. 41, Palazzo Mariani, Messina - e-mail: [udisabili@unime.it](mailto:udisabili@unime.it), tel. 090 676 8986/5066.

3. At any time during the procedure, the University can carry out checks on the veracity of the declarations produced. In the event of false declarations, University can dispose at any time, by the order of the Rector, **the exclusion** of candidates from the selective procedure, or **the forfeiture** from the assignment and any benefits acquired, without prejudice to any criminal liabilities arising therefrom.
4. The candidates **must attach** to the application form:
  - a. the research project they intend to develop within the chosen theme;
  - b. curriculum in *Europass format* of his/her scientific-professional activity signed and dated;
  - c. list of publications and titles;
  - d. publications and/or titles whose evaluation is requested;
  - e. candidates, EU and non-EU citizens, in possession of foreign qualification/s obtained in NON-EU countries, must attach the certificate of qualification/s in possession, which indicates:
    - the duration of the course;
    - the indication of the University that issued the title;
    - the date of achievement and the final vote;with attached a translation in Italian or English, declared compliant with the text by the competent diplomatic or consular representations abroad;
  - f. health certification for disability or SLD;
  - g. scanned copy of a valid identity document with photo;
5. For the purposes of this procedure, the qualifications held and the scientific publications published **by the expiry date of the announcement** can be evaluated.
6. The publications and/or the attached qualifications must be declared compliant with the originals by means of a substitutive declaration of the deed of notoriety pursuant to articles 19 and 47 of the D.P.R. No. 445 of 28<sup>th</sup> December 2000 and subsequent amendments and integrations (point 4.3 of the application form).
7. Candidates can also demonstrate the possession of the qualifications indicated above by self-declaration, pursuant to D.P.R. No. 445 of 28<sup>th</sup> December 2000 and subsequent amendments and integrations (substitute certification declaration form).

They can make use of the self-certifications, as expressly provided in articles 46 and 47 of the DPR No. 445/2000 and subsequent amendments and integrations:

  - Italian and EU citizens;
  - citizens of countries not belonging to the European Union, legally resident in Italy, **limited to** states, personal qualities and facts certifiable or attestable by Italian public institutions (in particular: qualification obtained at an Italian University).
8. The documents listed above must be entered on the platform, in PDF format (**whose maximum size must not exceed 30 MB**).
9. The Department assumes no liability for any inconvenience attributable to the fact of a third party, by chance or force majeure and related to the forwarding of the application form.



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### Art. 4

#### *Evaluation Committee*

1. For the purposes of assessing candidates' applications, the *Senato Accademico* shall propose to the Rector the appointment of the single Committee, which is composed of the Department Directors as well as two members for each scientific area of interest, indicated by them. The Committee is appointed by a Decree of the Rector and must complete the work **within 60 (sixty) days from the establishment**. The Committee internally designates the President and the Secretary. The Committee can make use, without additional burdens on public finances, of highly qualified expert auditors, Italian or foreign outside the University. The Department Directors, with the functions of President, and the members indicated by them for each scientific area of interest, constitute the Subcommittees. The Commission will meet in a first session to formalize the settlement and to allocate the activities to the subcommittees of each scientific area of interest.
2. The Evaluation Committee, at its first meeting, establishes the criteria for the evaluation of candidates, with regard to the titles submitted and the project proposed, which will be publicized on the University website <https://www.unime.it/it/ricerca/assegni-di-ricerca>. Subsequently, it shall carry out a comparative assessment of candidates on the basis of the qualifications presented and the project proposed, which will be evaluated during a specific interview.

### Art. 5

#### *Comparative assessment of candidates*

1. The comparative assessment tends to ascertain the candidate's preparation, experience and aptitude for research.  
It consists of
  - the evaluation of the titles presented and the project proposed, which will be evaluated during a specific interview, with an in-depth examination of the topics of particular scientific importance related to the research programme submitted by the candidate and the verification of knowledge of the foreign language referred to the Attachment to this announcement.
2. The overall score is 100 points, divided into as follows:
  - up to a maximum of 75 points assignable to titles;
  - up to a maximum of 25 points assignable to the interview.
3. The minimum score that candidates must have achieved in the evaluation of qualifications in order to be admitted to the interview is **40/75 points**.
4. The assessment of the scientific-disciplinary curriculum shall take into account:
  - any specialization diplomas and/or attendance certificates for post-graduate training courses obtained in Italy or abroad;
  - the performance of documented experience for research activities in public and/or private institutions with contracts, scholarships, fellowships or assignments, both in Italy and abroad.
  - scientific publications;
5. The assessment shall be duly justified. The results of the evaluation of the titles, as well as the list of candidates admitted to the interview, will be published on the University website



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<https://www.unime.it/it/ricerca/assegni-di-ricerca> before the established date for the interview.

The publication will be valid as legal notification, according to the regulations of the digital administration D. Lgs. No. 82 of 7<sup>th</sup> March 2005, supplemented and amended by law 35/2012.

6. The interview will take place in a place accessible to the public. The competitive activities can be carried out also with IT modalities, adopting means that allow the appropriate recognition of the subjects involved, through the IT platform accessible by accessing teams.microsoft.com.
7. The list of locations and dates of the interviews, for each type of check, will be published on the University website <https://www.unime.it/it/ricerca/assegni-di-ricerca> at least **20 days before** the interview date. Candidates must have a valid identification document. Failure to present for the interview will be considered as a **waiver** of the selection.
8. The interview is aimed at evaluating the contents of the project proposed by the candidate and his/her skills, as well as the knowledge of the required foreign language.
9. At the end of each meeting devoted to the interview, the Subcommittee shall draw up a list of the examined candidates, together with an indication of the vote recorded by each person, which shall be placed on the register of the examination center or published on the website in the event of interviews carried out electronically.

If the interview highlights inconsistencies and/or manifest inability to carry out the presented project, the Subcommittee proposes the exclusion of the candidate to the Committee, providing adequate justification.

10. After the tests have been completed, the Subcommittee transmits the minutes to the Committee which formulates the ranking for each of the scientific areas of interest.

With the same merit and qualifications, the youngest candidate is preferred.

The results of the evaluation are formalized by Decree of the Rector and published on the University website.

### Art. 6

#### *Awarding of the research grant*

1. The winner of the research grant is obliged to accept the research grant **within 20 days** of the publication of the ranking on the University's website, **penalty forfeiture**, unless prevented by reasons of health or serious reasons duly and in a timely manner justified and substantiated.
2. If, within **20 days** of the publication of the ranking on the University's website, the candidate has not communicated the acceptance of the research grant, or **renounces it**, the suitable candidates are summoned until the ranking has been filled.
3. The research grants are renewable according to the verification of the economic coverage by the University of Messina, with the modalities provided by art. 11 of the current "Rules for the awarding of research grants for carrying out research activity".
4. The *gross* annual amount of the research grant is determined in € 19.367,00 to be considered before the costs to be borne by the University. The research grant is paid in deferred monthly installments.
5. The provisions of art. 4 of Law No. 476 of 13<sup>th</sup> August 1984 and subsequent amendments and additions in the fiscal matters are applied to the research grant; and furthermore in matters of social security, the provisions of art. 2, paragraph 26 and subsequents of the Law No. 335 of 8<sup>th</sup> August 1995 and subsequent amendments and integrations.



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6. As regards the risks from accidents and civil liability are concerned, the University provides insurance cover for the holder of the research grant.

### **Art. 7**

#### ***Nature and conclusion of the contract***

1. The relations between the holder of the research grant and the University will be settled by the conclusion of a contract of private law.
2. The contract does not constitute an employment relationship and it does not give rise to rights of access to the roles of University staff.
3. If, during the course of the research collaboration, for any reason (withdrawal, incompatibility, etc.), there is a possibility that collaboration may not continue, the contract shall be concluded with the candidate who is ranked in the immediately following position, upon explicit request of the scientific responsible of the project, approved by a decision of the Structure concerned and provided that there is a residual time of at least one year after the completion of the collaboration.

### **Art. 8**

#### ***Rights and duties of holders of research grants***

1. The research activity, according to article 9 of the Regulation for the award of research grants must be carried out continuously, within the limits laid down in the research programmes and in the instructions given by the responsible professor, who verifies the activity performed, without constraints of subordination and predefined working hours.
2. For the purpose of carrying out research activities, the holder of the research grant shall be entitled to avail himself/herself of the facilities and equipment of the Department in which he/she carries out his/her work. If the activity is to be carried out in external structures, it must be expressly authorized by the responsible professor and communicated to the competent Office of the Central Administration of the University
3. The duties of the grant holder, as determined by the individual contract, are carried out under the direction of the responsible professor, who verifies the work performed.
4. The research grant holder is obliged to:
  - submit to the Board of the Reference Structure, at least 30 days before the date of completion of the year of activity, an annual report on the work carried out, upon the approval of the responsible professor;
  - in the last year of his/her activity, it is required to present the final results of his/her work in a public seminar or in the form defined by the reference structure, approving the scientific validity and notifying the competent Office of the University's Central Administration.
5. The research grant holder can carry out:
  - orientation and mentoring activities and examination assistance as a subject's practitioner;
  - a period of in-depth study abroad, obtaining specific attestation from the host body, according to a programme to be defined with the responsible professor and approved by the reference structure, and with costs borne by the structure, without prejudice to the possibility of access to targeted incentives.



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6. The holder of the medical area research grant can carry out care activities consistent with the research project, under the supervision of the head of science and subject to authorization of the host hospital facility who will notify the relevant office of the central administration of the University in a timely manner.
7. The holder of the research grant is obliged to observe the provisions of law No. 240/2010 and the University Regulations for the awarding of grants for carrying out research activities. He/she is also obliged to respect the rules of the "Regulation on industrial property of the University of Messina", D.P.R. No. 62/2013 containing the "Regulation on the Code of Conduct for Public Employees", of "Code of Conduct adopted by the University", as well as the provisions contained in the "Ethical Code" of the University.

### Art. 9

#### *Suspension, withdrawal and termination of contract*

1. The research holder's activity is **suspended** for maternity (five months). It may also be **suspended** on grounds of serious illness or in cases of other prolonged, justified and justified absences which make it objectively impossible to carry out the activity, subject to the opinion of the responsible teacher and deliberate of the structure.
2. The periods of suspension, with the exception of compulsory maternity leave, may be recovered at the end of the natural expiry of the contract, upon agreement with the responsible teacher and within the limits imposed by the funding available. In the case of maternity, the contract is automatically extended, in accordance with the rules in force, while respecting the limits imposed by the funding available.
3. A total period of justified absence of not more than 30 working days per year shall not constitute suspension and shall not be recovered.
4. During the maternity leave, the research holders are entitled to the relevant allowance paid by the INPS in accordance with the applicable maternity regulations and the Decree of the Minister of Labour and Social Security of 12<sup>th</sup> July 2007 and in the case of sick leave of more than four days, they are entitled to use the daily sickness allowance within the limits provided for in Law No. 296 of 27<sup>th</sup> December 2006.  
In the period of compulsory abstention for maternity, the allowance paid by the INPS under art. 5 of the mentioned decree of 12<sup>th</sup> July 2007 is supplemented by the University up to the full amount of the research grant.
5. The parties may **withdraw** from the contract at any time. Reasons must be given for the withdrawal. The holder of the research grant who intends to withdraw from the contract is required to **promptly** notify the Rector and the relevant Structure.
6. If the holder of the research grant, without a justified reason, does not regularly carry out the research activity, or if it is considered invalid by the Council of the reference Structure or the grant holder is responsible for serious and repeated failures, upon request of the responsible professor approved by the Council of the Structure, a procedure is initiated which can lead, following a resolution of the *Consiglio di Amministrazione*, to **the termination of the contract** pursuant to articles 1453 and following of the Civil Code. The **cause of termination** of the relationship is the serious and significant breach pursuant to art. 1460 cc, by the grant holder.
7. The contract **shall be terminated automatically**, without any prior notice, in the event of a breach of the incompatibility regime. In the latter case the revocation and termination of the contract are ordered by Decree of the Rector.



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8. The contract **is also terminated** in case of violation of the obligations deriving from the Code of Conduct of employees, referred to in the D.P.R. No. 62 of 16<sup>th</sup> April 2013 and the Code of Conduct adopted by the University.

### **Art. 10**

#### ***Intellectual property***

1. Industrial property rights on the results achieved by the grant holder in the execution of activities carried out on behalf of the University, included by way of example, industrial inventions, models, designs, plant varieties, as well as intellectual and industrial property rights deriving from the creation of software or databanks ("Results"), belong exclusively to the University that can freely dispose of them, even within the framework of conventional agreements entered into by the structures with third parties, without prejudice to the moral right of the grant holder to be recognized author or inventor. In the case of economic exploitation of the invention, the grant holder has the right to fair according to the methods and terms indicated by the Guidelines for the discipline of patenting activity at the University of Messina.
2. The grant holder has the right to publish the Results of his/her research activity, unless the publication does not prejudice the right of the University to protect the Results. The grant holder is therefore obliged to communicate the achievement of the Results to the responsible professor without delay.

### **Art. 11**

#### ***Processing of personal data***

1. The processing of personal data connected to this competition procedure is carried out by the University in accordance with the European General Regulation No. 679/2016 for the protection of personal data and of the Code regarding the protection of personal data, Legislative Decree 196/2003 and subsequent amendments and integrations.
2. The information is available in the privacy section of the University, <http://www.unime.it/privacy> and is an integral part of this announcement.

### **Art. 12**

#### ***Responsible for the procedure***

1. The person in charge of the procedure is Dr. Maria Pia Mangano, Head of the Org. U. Research Services of the Administrative Department "Research and internationalization" of this University. For information, interested parties may contact the Research Services Organizational Unit – Research grants and Scholarships Research Unit of the Administrative Department "Research and internationalization" of this University (telephone numbers: 0906768503/8574/8615; e-mail: [assegni@unime.it](mailto:assegni@unime.it)).



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### **Art. 13** ***Publicity***

1. The present decree will be published by posting on the Online Register of the University of Messina, it will also be made public via the University websites (<https://www.unime.it/it/ricerca/assegna-di-ricerca>), MIUR (<http://bandi.miur.it/>) and the European Union (<http://ec.europa.eu/euraxess/>).

### **Art. 14** ***Final rules***

1. Although not explicitly mentioned in this announcement, reference is made to the standards contained in art. 22 of the law No. 240/2010, in the DPR No. 62/2013 containing the “Regulations on the Code of Conduct of civil employees” and of the “Code of Conduct adopted by the University” as well as the provisions contained in the “Code of Ethics”, in the Regulations for the awarding of grants for the carrying out research activities (research grants) of the University of Messina (D.R. No. 1394 of 28<sup>th</sup> June 2019), in the Guidelines for the discipline of patenting activity at the University of Messina and other provisions in force.
2. The submission of the application form for participation in the selection through the online procedure, as per art. 3, implies acceptance by the candidate of the rules contained in this announcement and in the cited regulations.

THE RECTOR  
Professor Salvatore Cuzzocrea

*Responsible of the procedure: Dr. Maria Pia Mangano*

DIPARTIMENTO DEPARTMENT	AREA SC SSD	TITOLO DELLA TEMATICA THEMATIC TITLE	DESCRIZIONE TEMATICA THEMATIC DESCRIPTION	RESPONSABILE SCIENTIFICO RESPONSIBLE PROFESSOR	LINGUA STRANIERA RICHIESTA FOREIGN LANGUAGE REQUESTED
Ingegneria	01 01/A2 MAT/02	Identità funzionali in anelli e loro applicazioni per lo studio della struttura di algebre associative. Functional identities in rings and their applications to the structure theory of associative algebras.	Il progetto di ricerca si rivolge allo studio di operatori funzionali che preservino le proprietà algebriche degli elementi di opportuni sottoinsiemi di algebre associative. Il principale obiettivo sarà quello di analizzare la relazione che intercorre tra la struttura di un'algebra associativa ed il comportamento di automorfismi, involuzioni e derivazioni generalizzate sghembe che soddisfino opportune proprietà algebriche sugli ideali di Lie e sull'insieme delle valutazioni di un qualsiasi polinomio nell'algebra. L'applicazione della teoria delle identità funzionali per lo studio di problemi di conservazione ci permetterà di ottenere informazioni sulla struttura dell'algebra ed anche una completa descrizione delle mappe che compaiono nelle identità funzionali soddisfatte dall'algebra stessa. The research project deals with the study of functional operators preserving the algebraic properties of elements in some suitable subsets of an associative algebra. In this regard, the main goal is to analyze the relationship between the structure of associative algebras and the behaviour of generalized skew derivations satisfying some appropriate algebraic conditions on Lie ideals and sets of all evaluations of polynomials. The application of functional identities (FI) theory to the study of preserving problems, will allow to obtain both informations on the structure of the algebra and the complete description of any additive map involved by the functional identities it satisfies.	Vincenzo De Filippis	Inglese English
Scienze Matematiche e Informatiche, Scienze Fisiche e Scienze della Terra	01 01/A2 MAT/02	Algebre graduate: aspetti teorici, combinatorici e computazionali Graded algebras: theoretical, combinatorial and computational aspects	1. Si vuole ottenere una caratterizzazione numerica dei numeri di Betti estremali per la classe degli ideali t-spread di un anello di polinomi a coefficienti in campo, per $t > 1$ . Si vuole determinare una classificazione di tali ideali monomiali utilizzando strumenti della geometria algebrica e i loro legami con strutture discrete, quali grafi. Ci si prefigge, infine, la creazione di package per studiare gli invarianti algebrici ad essi associati. 2. Si vogliono studiare nuove classi di semigruppri numerici generalizzati, di cui fornire buone caratterizzazioni e su cui testare la generalizzazione della congettura di Wilf recentemente proposta. Lo studio di tali nuove classi, o di più generali semigruppri affini, richiede la produzione di una buona quantità di esempi da testare, da cui uno sviluppo anche a livello computazionale. 1. We want to obtain a numerical characterization of the extremal Betti numbers of the class of t-spread ideals in a polynomials ring with coefficients in a field, for $t > 1$ . We want to determine a classification of these monomial ideals by using tools from algebraic geometry and their relations with discrete structures, such as graphs. Finally, we aim to create packages to study the algebraic invariants associated with them. 2. We want to study new classes of generalized numerical semigroups, for which to provide good characterizations and test the generalized Wilf's conjecture, recently proposed. The study of these new classes, or of more general affine semigroups, requires to produce and test enough examples and a development also on a computational level.	Marilena Crupi Rosanna Utano	Inglese English
Scienze Matematiche e Informatiche, Scienze Fisiche e Scienze della Terra	02 02/B1 FIS/01	Sintesi e caratterizzazione di nanomateriali sensibili a stimoli elettromagnetici per la terapeutica e il bio-sensing Synthesis and characterization of nanomaterials sensitive to electromagnetic stimuli for therapeutics and bio-sensing	La diagnostica molecolare ed il trattamento farmacologico di pazienti affetti da specifiche patologie sono un tema importante della ricerca sui materiali nanostrutturati per la realizzazione di carrier di farmaci. In questo contesto, i nanomateriali e gli elettro-filati sono caratterizzati da elevata area superficiale e porosità gerarchica (macro-, meso-, micro-pori) che li rendono ottimi candidati per la realizzazione di membrane polimeriche per il rilascio controllato di farmaci e/o specie molecolari. Obiettivo principale di questa attività di ricerca sarà la sintesi mediante ablazione da fasci laser impulsati ed electrospinning di carrier polimerici additivati con nanoparticelle metalliche/ossidi metallici e la loro caratterizzazione composizionale, strutturale e morfologica mediante tecniche di spettroscopia vibrazionale ed elettronica. Molecular diagnostics and pharmacological treatment of patients affected by specific pathologies is an important issue, which focused recent research on nanostructured materials towards the synthesis of effective drug carrier systems. In this context, nanomaterials and electrospun are characterized by a high surface area and hierarchical porosity (macro-, meso-, micro-pores) which make them excellent candidates for the realization of polymeric membranes for the controlled release of drugs and/or molecular species. The main objective of this research activity will be the synthesis, by laser ablation in liquids and electrospinning techniques, of drug-loaded polymeric carriers embedded with metal/metal oxides nanoparticles and their compositional, structural and morphological characterization, using vibrational and electronic spectroscopy techniques.	Fortunato Neri Enza Fazio Vincenza Crupi	Inglese English

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Scienze Chimiche, Biologiche, Farmaceutiche e Ambientali	03 03/B1 CHIM/03	Sistemi supramolecolari nanostrutturati chirali a base di porfirine Porphyrin-based chiral nanostructured supramolecular systems	Sistemi supramolecolari nanostrutturati sono alla base di una grande attenzione nel panorama scientifico internazionale sia dal punto di vista fondamentale che applicato, prevedendo vari ambiti di applicazione, quali biomedico e sensoristico. Di particolare interesse sono sistemi supramolecolari nanostrutturati chirali e, tra di essi, quelli a base di porfirine. La progettazione di tali sistemi ed il loro studio, attraverso sia metodi spettroscopici stazionari e pulsati e tecniche di microscopia, così come studi cinetici, rivestono quindi un elevato interesse scientifico e saranno oggetto dell'attività di ricerca.  Nanostructured supramolecular systems attract a large interest within the international scientific panorama because of fundamental and applicative reasons; actually, such systems allow applications in several fields, like bio-medicine and sensors. Particularly interesting are chiral nanostructured supramolecular systems and, among them, those based on porphyrins. Design and investigation of porphyrin-based chiral nanostructured supramolecular systems, including stationary and time-resolved spectroscopic methods as well as microscopic techniques and kinetic analysis for investigating the formation mechanisms, are extremely appealing and timely research fields and will be at the focus of the research activity.	Luigi Monsù Scolaro	Inglese English
Medicina Clinica e Sperimentale	05 05/E1 BIO/10	Nanomedicina personalizzata: Approccio biomolecolare con l'uso di nanoparticelle nelle malattie neurodegenerative e nei tumori astrogliali. Personalized nanomedicine: biomolecular approach using nanoparticles in neurodegenerative diseases and astroglial tumors.	Questo progetto vuole esplorare i meccanismi patogenetici di alcune malattie neurodegenerative (per es. l'amiloidosi) e i meccanismi di geni e sopravvivenza delle cellule tumorali astrogliali e di progressione del tumore attraverso l'identificazione delle vie di segnalazione che regolano la proliferazione, l'invasione, la resistenza ai farmaci, l'apoptosi e l'autofagia, utilizzando RNAi (siRNA e microRNA) e oligonucleotidi antisenso. Sarà necessario sviluppare: a) nuovi approcci biochimici per lo studio di metaboliti nel microambiente del tessuto nervoso; b) sistemi di rilascio di farmaci tra cui nanoliposomi e/o polimeri per la consegna di agenti terapeutici alle cellule target e al microambiente per ottimizzare l'efficacia terapeutica e ridurre eventuali effetti collaterali. Si svilupperà inoltre una nanoparticella a doppio assemblaggio a lento rilascio di ncRNA.  This project aims to explore the pathogenetic mechanisms of some neurodegenerative diseases (e.g. amyloidosis and the mechanisms of genesis and survival of astroglial tumor cells and tumor progression through the identification of signaling pathways that regulate proliferation, invasion, drug resistance, apoptosis and autophagy, using RNAi (siRNA and microRNA) and antisense oligonucleotides . It will be necessary to develop a) new biochemical approaches for the study of metabolites in the microenvironment of nervous tissue; b) drug release systems including nanoliposomes and/or polymers for the delivery of therapeutic agents to target cells and the microenvironment to optimize therapeutic efficacy and reduce any side effects. A slow-release dual assembly ncRNA nanoparticle will be also developed.	M'hammed Aguenouz	Inglese English
Scienze Biomediche, Odontoiatriche e delle Immagini Morfologiche e Funzionali	05 05/F1 BIO/13	Malattia genetica rara "Trimetilaminuria", (TMAU) A rare genetic disease "Trimetilaminuria", (TMAU)	La Trimetilaminuria (TMAU) è una malattia metabolica caratterizzata dall'emanazione di un forte odore corporeo simile a quello del pesce, dovuto ad una escrezione eccessiva di trimetilammina (TMA) attraverso i fluidi biologici. La sindrome è dovuta all'alterazione nel metabolismo della trimetilammina (TMA), normalmente ossidata dall'enzima FMO3 in trimetilammina-N-ossido (TMAO), inodore. Esiste uno spettro variabile di fenotipi TMAU, che vengono riassunte in due forme di trimetilaminuria: primaria (TMAU1) e secondaria (TMAU2). Aim: identificazione dei meccanismi molecolari responsabili dello spettro variabile di fenotipi della malattia attraverso lo studio dei meccanismi di comunicazione cellulare mediata dagli esosomi epatici/tessuti target e del microbioma, microbiota/ metabolismo della TMA nella regolazione dell'asse intestino-cervello.  Trimethylaminuria (TMAU) is a metabolic disease characterized by the emanation of a strong body odor similar to that of fish, due to an excessive excretion of trimethylamine (TMA) through biological fluids. The syndrome is due to the alteration in the metabolism of trimethylamine (TMA), a malodorous tertiary amine, normally oxidized by monooxygenase-3 containing the flavin (FMO3) in trimethylamine-N-oxide (TMAO), odorless. There is a variable spectrum of TMAU phenotypes, which summarize two forms of trimethylaminuria: primary (TMAU1) and secondary (TMAU2). Aim: identification of the molecular mechanisms responsible for the variable spectrum of disease phenotypes through the study of cellular communication mechanisms mediated by the liver exosomes / target tissues and the microbiome, microbiota / TMA metabolism in the regulation of the intestine-brain axis.	Antonina Sidoti	Inglese English

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Patologia umana dell'adulto e dell'età evolutiva "G. Barresi"	06 06/A2 MED/04	Cellule dendritiche follicolari nei tumori solidi umani: implicazioni nell'immunoterapia con anti- PD1  Follicular dendritic cells in human solid tumors: implications in anti-PD1 immunotherapy	Le cellule dendritiche (DCs) rappresentano una eterogenea popolazione leucocitaria che svolge un ruolo prominente nella induzione della risposta immunitaria e nel suo mantenimento, tanto da renderle attrattive per un possibile utilizzo in immunoterapia attiva delle neoplasie. Cisi propone di valutare, nell'infiltrato tumorale dei tumori solidi, la presenza e le proprietà funzionali di una specifica sottopopolazione di DCs, in grado di presentare l'antigene ai linfociti T follicolari. Questi linfociti svolgono un ruolo critico per il segnale helper finalizzato alla produzione di Ig ma alcuni CD8+ follicolari sono in grado di svolgere una forte attività citotossica. Inoltre, queste cellule esprimono costitutivamente il check-point inibitorio PD-1, una molecola che oggi rappresenta un importante target terapeutico in oncologia. L'ipotesi di lavoro, supportata da alcuni dati preliminari, è che i linfociti T follicolari rappresentino il vero target in vivo di queste nuove forme di immunoterapia dei tumori.  Dendritic cells (DCs) represent an heterogeneous leukocyte population playing a prominent role in the induction and maintenance of immune response and for this reason they are currently considered attractive for their exploitation in active immunotherapy for cancer. We propose to investigate, within solid tumor infiltrate, the presence and the functional properties of a specific subset of DCs, able to present antigens to follicular T lymphocytes. These lymphocytes play a critical role in providing help signals for Ig production but some CD8+ follicular T cells are endowed with a strong cytotoxic capability. In addition, these cells constitutively express the inhibitory check-point PD.1, a molecule representing nowadays a relevant therapeutic target in oncology. The working hypothesis, supported by some preliminary data, is that follicular T lymphocytes represent the real in vivo target of these novel forms of cancer immunotherapy.	Guido Ferlazzo	Inglese  English
Medicina Clinica e Sperimentale	06 06/D4 MED/35	Lesioni precancerose e tumori cutanei non-melanoma (NMSC): criteri di prevenzione, studio dei meccanismi patogenetici, validazione ed utilizzo di nuovi sistemi diagnostici e terapeutici  Precancerous lesions and non-melanoma skin cancer (NMSC): prevention criteria, study of pathogenetic mechanisms, validation and use of new diagnostic and therapeutic methods	L'onco-dermatologia è tema di grande attualità per il crescente numero di casi/anno diagnosticati e le implicazioni in ambito sanitario e socio-economico. Una delle lesioni cutanee più attenzionate oggi è la cheratosi attinica, neoplasia fotoindotta, considerata stadio precoce (in situ) del carcinoma squamocellulare invasivo. Il progetto di ricerca deve articolarsi attraverso vari step: implementazione di sistemi di prevenzione primaria sul territorio, per sensibilizzare la popolazione sul potenziale oncogeno dei raggi UV e limitare l'insorgenza di lesioni cutanee a potenziale maligno; individuazione di fattori coinvolti nella induzione e progressione della marcia carcinogenetica; validazione e utilizzo di nuovi sistemi diagnostici e terapeutici, rispettivamente per l'individuazione e il trattamento tempestivo di lesioni precancerose e carcinomi in situ.  Oncodermatology is a topic of great current interest, because of the increasing number of skin tumors diagnosed per year and the many medical and socio-economic implications. Today, particular attention is focused on actinic keratosis, a photoinduced neoplasia which is considered the early stage (in situ) of invasive squamous cell carcinoma. The research project must include several steps: implementation of systems of territorial primary prevention, to raise awareness of the population on the oncogenicity of UV radiations and limit the onset of skin lesions with possible malignant evolution; identification of factors involved in the induction and progression of the carcinogenic process; validation and use of new diagnostic and therapeutic methods, for timely detection and treatment, respectively, of precancerous lesions and in situ carcinomas.	Fabrizio Guarneri	Inglese  English
Scienze Veterinarie	07 07/H2 VET/03	Approcci diagnostici e terapeutici innovativi in oncologia veterinaria  Innovative diagnostic and therapeutic approaches in veterinary oncology	Il progetto di ricerca avrà come principale obiettivo quello di studiare la patologia cellulare nell'ambito dell'oncologia, incrementando le attuali conoscenze sulle principali neoplasie emergenti in ambito veterinario. In particolare, la ricerca verterà all'identificazione di specifiche mutazioni geniche associate all'insorgenza di comuni neoplasie, nonché allo studio dei meccanismi di comunicazione tra le cellule neoplastiche che regolano il microambiente tumorale, promuovendo l'invasione metastatica e l'elusione del sistema immunitario. La raccolta di dati in un contesto di sperimentazione clinica sarà quindi associata all'impiego di metodiche istopatologiche ed immunostochimiche tradizionali, nonché a tecniche di ibridazione molecolare. L'obiettivo finale sarà quello di accrescere le conoscenze in ambito oncologico veterinario fornendo dati utili in ambito diagnostico e terapeutico.  The objectives of the research will be to study cell pathology in the field of oncology to increase the current knowledge on the most common neoplasms in veterinary medicine. In particular, the research will aim to identify specific gene mutations associated with the onset of common malignancies, as well as the study of intercellular communication between neoplastic cells, which regulate the tumor microenvironment, promoting metastatic invasion and immune escape. Data collection in clinical trial will be associated with the use of traditional histopathological and immunohistochemical methods and molecular hybridization techniques. The research would provide useful data in diagnostic and therapeutic fields.	Giovanni Lanteri  Giuseppe Mazzullo  Alessandra Sfacteria	Inglese  English

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Civiltà antiche e moderne	10 10/F3 L-FIL-LET/12	Produzione scritta e idee sulla lingua: i punti deboli dello scritto e il dibattito su norma e uso dell'italiano Written output and ideas about the language: weak points in written texts and the debate on norm and use in Italian	Il progetto di ricerca mira a indagare testi scritti in italiano di età moderna e contemporanea, prodotti da scriventi esperti (vocabolari, trattati di lessicografia, opere letterarie) e inesperti (elaborati di studenti universitari e scolastici, post e conversazioni in Internet). L'esame della morfologia e dell'ortografia, della sintassi, del lessico, della testualità da una parte verificherà le linee di tendenza dell'evoluzione dell'italiano scritto negli ultimi secoli, con particolare attenzione agli ultimi ottanta anni (soprattutto in relazione all'influenza della scrittura digitale sulla tradizionale separazione tra scritto e parlato), dall'altra permetterà di osservare l'evoluzione delle idee circolanti tra i parlanti e gli scriventi sulla propria lingua, facendo emergere i contorni della norma percepita da parte degli utenti e la discrepanza tra tale norma percepita e l'uso vivo. The research project aims at investigating Italian written texts of modern and contemporary age, produced by expert writers (vocabularies, lexicography treatises, literary works) and inexperienced (essays by university and school students, posts and conversations on the Internet). The analysis of morphology and spelling, syntax, vocabulary, textuality on the one hand will verify the trend lines of the evolution of Italian writing in the last centuries, with particular attention to the last eighty years (especially in relation with the influence of digital writing on the traditional separation between written and spoken language), on the other it will allow to observe the evolution of the ideas circulating among speakers and writers on their own language, highlighting the outlines of the norm perceived by users and the discrepancy between this perceived norm and live use.	Fabio Ruggiano	Inglese English
Civiltà antiche e moderne	11 11/A1 M-STO/01	Trattati antimagici ed esiti processuali nel Quattrocento italiano Anti-magic treatises and trial outcomes in the Italian 15th century	Nell'ambito degli studi culturali sulla storia delle eresie, un filone importante è rappresentato dal tema dell'equiparazione delle pratiche magico-stregoniche a quelle eretiche, in atto dai primi del Trecento e testimoniato da una ricca documentazione di impronta giuridica (bolle papali, pareri di giurisperiti) e dalla manualistica inquisitoriale. Mentre gli sviluppi di età moderna sono meglio conosciuti e studiati, soprattutto in rapporto alla questione della caccia alle streghe, per il Tardo Medioevo gli studi sono ancora scarsi. La ricerca intende contribuire a colmare questo vuoto concentrandosi sulla trattatistica antimagica italiana del Quattrocento, per studiarne i caratteri distintivi rispetto alla coeva produzione (soprattutto quella della Svizzera Romanda, già al centro di numerosi studi) e gli esiti processuali. È richiesta esperienza nel campo della storia e della storiografia sul tema della repressione dell'eresia, della magia e della stregoneria a cavallo fra Tardo Medioevo e Prima Età Moderna. In the field of cultural studies on the history of heresies, an important thread is represented by the theme of the equalization of magical and witchcraft practices with heretical ones, in place since the early fourteenth century and testified by a rich documentation of legal imprint (papal bulls, jurisprudential opinions) and inquisitorial manuals. While the developments of the modern age are better known and studied, especially in relation to the issue of witch hunting, for the Late Middle Ages studies are still scarce. The research aims to help fill this gap by focusing on the Italian anti-magic treatises of the fifteenth century, in order to study their distinctive features compared to the contemporary production (especially that of French-speaking Switzerland, already the focus of many studies) and the outcome of the trials. Experience is required in the field of history and historiography on the theme of the repression of heresy, magic and witchcraft between the Late Middle Ages and the Early Modern Age.	Marina Montesano	Inglese English
Scienze Cognitive, Psicologiche, Pedagogiche e Studi Culturali	11 11/A2 M-STO/02	Dinamiche politiche e socio-economiche della feudalità nel Mezzogiorno moderno The political, social and economic dynamics of feudality in the modern <i>Mezzogiorno</i>	Il progetto di ricerca dovrà approfondire la politica interna dei baroni meridionali nei loro feudi in Età moderna, con riferimento alle ricadute sulla società locale e sull'economia del feudo. Nella fattispecie dovrà essere prestata particolare attenzione alle relazioni fra i baroni, le élites locali e il ceto medio, considerando pure l'immagine del barone presso la popolazione di ciascun feudo. Si dovranno valutare, inoltre, le politiche baronali in ambito economico, analizzando l'amministrazione dei feudi e dei patrimoni e gli investimenti dei feudatari in ambito agricolo e nel settore della protoindustria. I risultati della ricerca dovranno fornire un ritratto della feudalità meridionale che delinei il ruolo e il peso che i baroni hanno avuto all'interno della società del Mezzogiorno moderno, conferendo a quest'ultima talune peculiarità che risultano ancora oggi inconfondibili. The research project will focus on the internal politics of the Southern barons in their feuds during the Modern Age and its effects on local society and the economy of the feud. Particular attention will be paid to the relations between the barons, the local élites and the middle class; the baron's image among the people of each feud will be also considered. Furthermore, baronial politics in the economic field will be evaluated analyzing the administration of feuds and heritages and the investments of feudal lords in the agricultural and proto-industry sectors. The results of the research should provide a portrait of Southern feudalism that outlines the role and weight that the barons have had inside the society of modern Mezzogiorno, giving the latter certain peculiarities that are still unmistakable today.	Giuseppe Caridi	Spagnolo Spanish

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Scienze Politiche e Giuridiche	11 11/A3 M-STO/04	Politica e legislazione di emergenza nella storia dello Stato nazionale italiano Policy and Legislation of Emergency in the history of the Italian national State	La ricerca intende verificare i presupposti politici e teorici attraverso cui è possibile in Italia si dia corso, senza quasi soluzione di continuità dall'Unità ai nostri giorni, ad una vasta legislazione di tipo emergenziale (lo stato d'assedio o il decreto legge) che, segnatamente sotto il versante dell'ordinamento penale, e in relazione all'emergere di fenomeni di tipo oppositivo o anche eversivo, quando non di criminalità organizzata, assume una connotazione di tipo simbolico. Fondamentale, in tale prospettiva appare la ricostruzione degli elementi che nel lungo periodo hanno influenzato il problematico processo di trasformazione in senso moderno della società italiana, che qui si propone di leggere in relazione alla più generale vicenda che attiene, soprattutto, all'esercizio della sovranità statale, alla costruzione di un determinato modello di Stato e alle sue "continuità". The propose of this research intends to verify the political and theoretical assumptions through which in Italy it is possible to begin, without interruption from the National Unity uptoday, a vast legislation of emergency type (the state of siege or the decree-law) which , especially in criminal law, and in relation to the emergence of oppositional or even subversive phenomena, when it is not a question of organized crime, it acquires a symbolic connotation. In this perspective, the reconstruction of the elements that in the long run have influenced the problematic process of transformation in a modern sense of the Italian society appears fundamental, here we propose to read in relation to the more general history that concerns, above all, the exercise of the state sovereignty , the construction of a specific state model and its "continuity".	Luigi Chiara	Inglese/Italiano English/Italian
Scienze Cognitive, Psicologiche, Pedagogiche e Studi Culturali	11 11/C4 M-FIL/04	Riletture moderne e contemporanee dei principi dell'estetica classica Modern and Contemporary Interpretations of Classical Aesthetics.	Lo scopo del progetto è quello di verificare la funzionalità teorica di alcuni antichi principi estetici alla luce delle più recenti tendenze della filosofia e della psicologia dell'arte. Sembra infatti interessante mettere a confronto la natura di idee quali la <i>techne</i> , la <i>mimesis</i> , il <i>pathos</i> , l' <i>ekphrasis</i> ecc., con i risultati dei nuovi studi nell'ambito delle scienze cognitive e della neuroestetica – specialmente per ciò che riguarda il ruolo delle emozioni nella percezione visiva e, più in generale, nell'esperienza della produzione e della ricezione delle opere d'arte. Anche se non sempre le antiche nozioni possono sembrarci profonde, esse tuttavia contengono i germi di idee fondamentali, destinate a uno sviluppo teorico più elaborato. The aim of this project is to verify the theoretical functionality of some ancient aesthetic principles in the light of most recent trends of philosophy and psychology of art. It seems indeed interesting to compare the nature of such ideas as <i>techne</i> , <i>mimesis</i> , <i>pathos</i> , <i>ekphrasis</i> etc. with the results of the new studies in the field of cognitive science and neuroaesthetics, especially for what concerns the role of emotion in visual perception and, most generally, in the experience of artistic production and reception. Although ancient notions are not always very deep, they contain, however, the germs of very important ideas which later developed into elaborate theories.	Giovanni Lombardo	Inglese English
Medicina Clinica e Sperimentale	11 11/E4 M-PSI/08	Valutazione di marker biologici, attaccamento e funzione riflessiva in prove longitudinali di trattamenti psicologici. Valutazione dell'efficacia biologica della psicoterapia di gruppo. Biological markers, Attachment and Reflective Functioning evaluated in longitudinal trials of psychological treatments. Evaluation of the biological efficacy of group psychotherapy.	Alcuni recenti studi hanno documentato i cambiamenti biologici riscontrabili in pazienti con disturbi psicologici, in seguito a interventi di psicoterapia. Tuttavia, le poche evidenze scientifiche disponibili non hanno prodotto risultati univoci. L'attività di ricerca proposta ha come scopo generale quello di valutare l'efficacia della psicoterapia, attraverso misure di outcome e di processo, prendendo in considerazione sia scale psicologiche e comportamentali, sia i marker biologici dei pazienti. I risultati ottenuti possono contribuire ad aiutare i clinici e i ricercatori, sia dell'area medica che psicologica, a conoscere e comprendere le relazioni evidence based tra i cambiamenti biologici e psicologici esitati da interventi psicoterapeutici ed eventualmente a consentire di verificarne le differenze rispetto a trattamenti di tipo farmacologico. Some recent studies documented the biological changes found in patients with psychological disorders, following psychotherapy interventions. However, the available few scientific evidences have not produced univocal results. The proposed research activity has the general purpose of evaluating the effectiveness of psychotherapy, through outcome and process measures, taking into consideration both psychological and behavioural scales and the biological markers of patients. The results obtained can help clinicians and researchers, both in the medical and psychological areas, to know and understand the evidence-based relationships between biological and psychological changes caused by psychotherapeutic interventions and eventually allowing verifying the differences with respect to pharmacological treatments.	Maria Catena Quattropani	Inglese English

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Giurisprudenza	12 12/E1 IUS/13	Aspetti internazionalprivatistici delle domande risarcitorie e di ingiunzione in base al regolamento generale sulla protezione dei dati  Private international Law issues concerning compensation and Injunction claims according to the Data Protection regulation	Il progetto di ricerca si pone come obiettivo la determinazione dell'impatto della disciplina europea in tema di Data Protection sulle cause transfrontaliere riguardanti domande risarcitorie e di ingiunzione avviate a seguito di violazione del diritto alla privacy. Il titolare del diritto alla protezione dei dati personali può percorrere la via giurisdizionale per ottenere un'ingiunzione, finalizzata alla rimozione o cancellazione di un dato che è apparso on-line o per impugnare una decisione dell'autorità di controllo, allorché si ritenga pregiudicato da detta decisione. La ricerca si propone di analizzare la giurisprudenza nazionale degli Stati membri dell'UE e della Corte di Giustizia, nell'ottica di valutare le ricadute del nuovo strumento sulla disciplina delle domande risarcitorie e di ingiunzione.  The objective of the research project is to determine the impact of the new European regulations on data protection in cross-border cases concerning compensation and injunction claims in the event of violations of the right to personal data protection. The holder of the right to the protection of personal data can request protection under civil law to obtain an injunction, aimed at the removal or cancellation of data that have appeared online, or even to challenge a decision of the supervisory authority, when it considers itself to be affected by such a decision. The project aims to analyze in detail the national case-law of the member states of the EU and the Court of Justice, with a view to assessing the effects of the new instrument on the discipline of claims for damages and injunction.	Marcella Distefano	Inglese  English
Giurisprudenza	12 12/E3 IUS/06	La riorganizzazione, razionalizzazione e semplificazione della disciplina concernente le autorità portuali alla luce del Decreto legislativo n. 169/2016 e successive modifiche.  The reorganization, rationalization and simplification of the discipline concerning port authorities in the light of the Italian legislative decree n. 169/2016 and subsequent amendments	La riforma portuale attuata a partire dal 2016 (D.Lgs. n. 169/2016 e ss.mm.) attua – attraverso l'istituzione delle Autorità di Sistema Portuale – lo snellimento e la semplificazione amministrativa della struttura organizzativa portuale, riprendendo il concetto di sistema portuale e di accorpamento delle autorità portuali esistenti. L'introduzione di un nuovo ordinamento portuale pone importanti questioni giuridiche che meritano adeguato approfondimento. Assume particolare rilevanza l'indagine circa la sua compatibilità con la legge n. 84/94, ancora in vigore, che ha inteso adeguare i porti italiani alla normativa comunitaria in materia di concorrenza, separando le attività gestionali dalle funzioni di coordinamento, indirizzo e programmazione, nonché la verifica del rispetto delle competenze delle Regioni e degli EE.LL., anche alla luce della giurisprudenza italiana ed europea.  The reform of the ports implemented from 2016 (Legislative Decree no. 169/2016, as amended) - through the new Authorities of Harbour System - streamlines and simplifies, at administrative level, the organizational structure, valuing the concept of harbour system and the amalgamation of the existing Harbour Authorities. The introduction of a new harbour ordering involves very important legal issues that require adequate insight. The investigation will be focused on the compatibility of this regulatory reform with the Italian law no. 84/94, still in force, which intended to conform the Italian ports to the EU competition law, by separating management activities from the coordination and governance functions, verifying its compatibility with regional and local authorities competences, also in the light of Italian and European jurisprudence.	Francesca Pellegrino	Inglese  English
Economia	13 13/A1 SECS-P/01	Corruzione politica, competizione elettorale e reputazione  Political corruption, electoral competition and reputation	Si intende sviluppare un modello teorico che parta dalla letteratura della corruzione nelle stratificazioni gerarchiche con la presenza di supervisori e che tenga conto anche della letteratura più politologica, che analizza l'impatto che le forme di governo e i sistemi elettorali hanno sull'accountability politica. L'analisi teorica dovrà individuare le condizioni di esistenza degli equilibri di corruzione e le implicazioni di politica pubblica che possano rendere la contendibilità politica uno strumento di contrasto alla corruzione. Inoltre, si intende testare il modello teorico dal punto di vista sperimentale, siano essi esperimenti naturali o anche esperimenti da laboratorio. Anche l'approccio sperimentale richiama due filoni principali della letteratura, uno quello della corruzione in presenza di monitoraggio e l'altro quello della social norms elicitation.  We aim at the construction of a theoretical model starting from the corruption literature in hierarchical structures with the presence of supervisors. This model takes account of the political science literature, which analyzes the impact that different forms of government and electoral systems have on political accountability. The theoretical analysis must identify the conditions of existence of strategic equilibria and the implications of public policies that might make political contestability an instrument to fight corruption. Furthermore, we intend to test the theoretical model from an experimental point of view, whether they are natural experiments or even laboratory experiments. The experimental approach feeds on two main strands of literature: corruption in the presence of monitoring, and social norms elicitation.	Antonio Miralles Asensio	Inglese  English

DIPARTIMENTO DEPARTMENT	AREA SC SSD	TITOLO DELLA TEMATICA THEMATIC TITLE	DESCRIZIONE TEMATICA THEMATIC DESCRIPTION	RESPONSABILE SCIENTIFICO RESPONSIBLE PROFESSOR	LINGUA STRANIERA RICHIESTA FOREIGN LANGUAGE REQUESTED
Economia	13 13/A2 SECS-P/02	Tratti di personalità, interazione tra pari e decisioni economico-finanziarie Personality traits, peer interaction and economic-financial decisions	<p>Questo progetto si propone di studiare la relazione tra caratteristiche non cognitive dell'individuo come i tratti di personalità e un certo numero di decisioni economico-finanziarie. Si cercherà anche di comprendere se l'interazione con i pari possa avere un impatto sui tratti di personalità di un individuo e contribuire a spiegare l'eterogeneità negli outcomes. Per realizzare questi obiettivi di ricerca, bisognerà individuare le metodologie più appropriate per ottenere risultati robusti. La comprensione del ruolo di ciascun tratto di personalità nelle decisioni economico-finanziarie permetterà il decisore pubblico di implementare coerenti politiche pubbliche, che potranno, tra l'altro, essere meglio individuate grazie ad una più profonda comprensione del ruolo svolto dall'interazione tra pari.</p> <p>This project aims to study the relationship between the individual's non-cognitive characteristics, such as personality traits, and a number of economic and financial decisions. We will also try to understand if peer interaction can have an impact on an individual's personality traits and help to explain heterogeneity in outcomes. To achieve these research objectives, it will be necessary to identify the most appropriate methodologies for obtaining robust results. Understanding the role of each personality trait in economic and financial decisions will allow the public decision maker to implement coherent policies, which are expected to be better identified thanks to a deeper understanding of the role played by peer interaction.</p>	Emanuele Millemaci	Inglese English
Scienze Politiche e Giuridiche	14 14/C1 14/D1 SPS/07 SPS/09	Migrazioni, generazioni, cittadinanza e mercato del lavoro nel mediterraneo globalizzato Migrations, young generations, citizenship and the labour market in the globalised Mediterranean	<p>Le migrazioni contemporanee nel Mediterraneo si configurano come un fenomeno strutturale e le giovani generazioni di migranti vi emergono quali soggettività centrali. Da un lato le dinamiche di marginalizzazione socio-culturale e di sfruttamento all'interno del mercato del lavoro, dall'altro le sfide dell'inclusione sociale e della cittadinanza sia sul piano delle politiche pubbliche che su quello delle forme di mobilitazione collettiva e cooperazione dall'altra, tracciano il perimetro della ricerca. Questa si concentrerà sui seguenti profili: dinamiche di partecipazione alle società locali e al mercato del lavoro e forme di marginalizzazione ed esclusione sociale; politiche di cittadinanza, inclusione educativa e sociale; forme di soggettivazione e di mobilitazione dei giovani migranti. La ricerca privilegia metodologie qualitative e comparative, integrate da analisi quantitative.</p> <p>Contemporary migrations in the Mediterranean are a structural phenomenon and the young generations of migrants emerge as central subjectivities. The dynamics of socio-cultural marginalisation and exploitation within the labour market on the one hand, and the challenges of social inclusion and citizenship in terms of both public policies and collective mobilisations and cooperation on the other, define the perimeter of the research. This will focus on the following aspects: dynamics of participation in the labour market and in local societies and forms of marginalisation and social exclusion; citizenship and social inclusion and education policies; the analysis of mobilisation of young migrants and the forms of subjectivity. The research will use qualitative and comparative methodologies, supplemented by quantitative analyses.</p>	Lidia Lo Schiavo Domenica Farinella	Inglese English