Awarding of no. 9 PhD scholarships funded by the European Union – NextGenerationEU, National Recovery and Resilience Plan, of which no. 8 in the context of the Extended Partnership "HEAL ITALIA", area of intervention "6. Innovative diagnostics and therapies in precision medicine" and no. 1 in the context of the Extended Partnership "A multiscale integrated approach to the study of the nervous system in health and disease" intervention area "12. Neuroscience and neuropharmacology". Call for the admission to PhD Programmes of XXXVIII cycle, academic year 2022-2023.

ART. 1 – CALL FOR APPLICATIONS

1.1. The University of Verona hereby announces a public selection for admission to its PhD programmes for the XXXVIII cycle, academic year 2022-2023, with the awarding of no. 9 PhD scholarships funded by the European Union – NextGenerationEU, National Recovery and Resilience Plan, of which no. 8 in the context of the Extended Partnership "HEAL ITALIA", area of intervention "6. Innovative diagnostics and therapies in precision medicine" and no. 1 in the context of the Extended Partnership "A multiscale integrated approach to the study of the nervous system in health and disease" intervention area "12. Neuroscience and neuropharmacology". Call for the admission to PhD Programmes of XXXVIII cycle, academic year 2022-2023.

<table>
<thead>
<tr>
<th>PhD Programmes</th>
<th>Places with scholarship</th>
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<tbody>
<tr>
<td></td>
<td>PE 6</td>
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<tr>
<td></td>
<td>HEAL ITALIA</td>
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<tr>
<td>Ph.D. Biotechnology</td>
<td>1</td>
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<tr>
<td>Ph.D. Neuroscience, Psychological</td>
<td>1</td>
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<tr>
<td>and Psychiatric Sciences and</td>
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<tr>
<td>Movement Sciences</td>
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<tr>
<td>Ph.D. Inflammation, Immunity and</td>
<td>2</td>
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<tr>
<td>Cancer</td>
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<tr>
<td>Ph.D. Computer Science</td>
<td>1</td>
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<tr>
<td>Ph.D. Clinical and Experimental</td>
<td>1</td>
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<tr>
<td>Biomedical Sciences</td>
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<td>Ph.D. Surgical and Cardiovascular</td>
<td>3</td>
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<tr>
<td>Sciences</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>8</strong></td>
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</tbody>
</table>

1.2 The details of each PhD programme, including the number of places and scholarships available, the criteria for the evaluation of qualifications (if provided), the dates of the admission exam sessions, the language, methods and criteria for selection are detailed on Annex 1 - PhD programmes information sheets, which constitutes an integral part of this Call. The Call for Application is published on the Official University Register (Albo Ufficiale di Ateneo) and on the following websites: Dottorati di Ricerca (available at: Admission to PhD Programmes > Call for Applications > Call for Applications, Cycle XXXVIII), Italian Ministry of University and Research (MUR), Euraxess and Official Gazette (Gazzetta Ufficiale).

1.3 Any amendments or updates will be published exclusively on the Dottorati di Ricerca website.

1.4 This announcement has the value of notification in all respects. Candidates will not receive any communication, except as provided above.
ART. 2 – IMPLEMENTATION OF PhD PROGRAMMES

2.1 The doctoral path related to the position funded by the present Call will officially begin on 1st March 2023. PhD programmes last three years. The final defence of the doctoral thesis must take place within the month of December of the solar year of the conclusion of the PhD programme. The PhD degree is conferred by the Rector, after the candidate has successfully completed the doctoral programme and passed the final examination.

2.2 The awarding of the degree certificate is subject to the submission, by the PhD candidate, of his/her final doctoral thesis to the Verona University Open Archive (IRIS), where it shall be kept available for consultation. The University of Verona shall be responsible for submitting a copy of the doctoral thesis to the National Libraries of Rome and Florence, as specified by law.

ART. 3 – ADMISSION REQUIREMENTS

3.1 In order to apply, it is required that applicants, regardless of their age and nationality:
- Hold an Italian university degree such as Laurea magistrale, Laurea specialistica or Laurea “vecchio ordinamento” (before Reform no. 509/1999); or
- Hold an academic qualification (i.e. Master of Science/Amt) awarded by a Higher Education Institution which allows access in the issuing Country to further studies at academic institutions at the PhD level; Professional degrees (e.g.: Master in Business Administration - MBA, Bachelor of Medicine and Bachelor of Surgery - MBBS, ecc.) do not grant access to the PhD programmes.

3.2 Applicants who will complete their Master’s degree by the deadline for enrolment in the PhD programme are also entitled to apply, provided that the enrolment procedure will be closing by 28 February 2023. Their application will be considered as “provisionally admitted” and they will be required to submit their degree certificate or a self-certification (only for EU citizens, in accordance with Presidential Decree no. 445 of 28/12/00) together with their enrolment request to the PhD Office (Area Ricerca – U.O. Dottorati di Ricerca dottorati.ricerca@ateneo.univr.it, otherwise their admission will be rejected.

3.3 Applicants who already hold a PhD, will not be admitted to any programmes with similar research topics. Applicants who have already benefited from a PhD scholarship, regardless of where and when, are not eligible to be granted another scholarship.

3.4 All applicants may submit their application for the present Call, subject to confirmation. If any of the aforementioned prerequisites are not satisfied, the university reserves the right to exclude applicants from the selection procedure for justified reasons at any time, even after the examination sessions have taken place.

ART. 4 – APPLICATION

4.1 Applicants can submit their application from 21st December 2022 to 20th January 2023 at 12.00 noon (Italian time, GMT+1), exclusively using the online form available at www.univr.it/applicationphd.

The applicants have to:
- go to www.univr.it/applicationphd webpage;
- register to the online system by entering the information required (if not already registered);
- log in using their personal credentials (if current students of the University of Verona or already registered applicants)
- select the chosen PhD programme
- fill out the online application form.

Specific guidelines on how to apply are available at each PhD programme webpage.

4.2 After filling out the online form, applicants should print a hard copy of it, sign it and send it together with the attachments listed in Annex 1 - PhD programmes information sheets EXCLUSIVELY by email to phd.selection@ateneo.univr.it by 20th January 2023, 1.00 p.m. (Italian time, GMT+1). All application documents must be submitted in pdf format and sent from the applicant’s personal e-mail address, with the following e-mail subject: “Application for the PhD programme in ……………., Applicant’s name and surname”. Should the application be submitted in a different way, it will be rejected.
The overall file size of the e-mail should not exceed 20 MB. E-mails exceeding the size limit will not be delivered. The University e-mail system will send an automatic error message, which may be received by the sender up to several days after; it is the applicant’s responsibility to check for this kind of message, which may be identified as spam by the mail provider.

In case of large files to be sent, applicants may split their application documents into more than one e-mail message. In this case, the subject should be the same in each e-mail, i.e: 
*Application for the PhD programme in ……………….., Applicant’s name and surname – 1st part;*  
*Application for the PhD programme in ……………….., Applicant’s name and surname – 2nd part; etc.*

For technical issues, please contact: phd.support@ateneo.univr.it;  
For further information or questions about this Call for Applications, please contact: dottorati.ricerca@ateneo.univr.it.

4.3 In order to avoid a system overload, applicants are highly recommended to fill out the application form well in advance instead of close to the deadline. 
It is each applicant’s responsibility to check that the procedure has been completed correctly. The university accepts no responsibility for late applications due to technical problems or software failure close to the deadline, overloading of communications and/or applicative systems, nor for any loss of communication due to incorrect or missing addresses or late notification of a change of e-mail contact, nor for any possible misunderstanding or problem caused by third parties, fortuitous case or force majeure.  
Incomplete applications, missing of any piece of information and/or compulsory attachments shall not be considered. Additional material submitted after the deadline will not be accepted, unless expressly required by the PhD Office.

4.4 Applicants may apply for more than one PhD programme. For this purpose, they must complete a separate online application form for each programme and send it together with the specific documentation listed in Annex 1 - PhD programmes information sheets.

4.5 All documentation must be in Italian or English or translated into one of the aforementioned languages as the applicant’s responsibility.

4.6 The list of the applications duly received within the deadline will be published on each PhD Programme webpage (see section "enrolment procedures").  
Applicants should check the information posted regularly. In case of any mistake, they should contact the PhD Office as soon as possible at dottorati.ricerca@ateneo.univr.it.

ART. 5 – APPLICANTS HOLDING FOREIGN DEGREES  
5.1 Applicants holding a foreign degree must send, other than their application and qualifications required to apply for the selected PhD programme, the following documentation (pdf format) to show that their degree grants access to PhD courses:  
- Bachelor’s degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);  
- Master’s degree certificate showing the exact name of the degree and the final score, supported by a certificate with a full list of the exams taken, the grades achieved and the academic grading scale (academic transcript/transcript of records);  
- Diploma Supplement (if available);  
- Any other document considered as relevant to evaluate the applicant’s academic qualifications.  
The official documents listed above, if issued in a language other than Italian or English, must be accompanied by a legal translation in either Italian or English, under penalty of exclusion.

5.2 If the applicant’s academic qualification has already been officially recognised as equivalent to an Italian degree, the applicant must specify the Italian university that has recognized the degree to be equivalent and the details of the related Rector’s decree. Foreign qualifications that have not been officially recognised, will be subject to a standard validation procedure, based on the documentation listed in paragraph 5.1 of this Call and with the sole purpose of fulfilling the application requirements for the PhD programme.
5.3 In addition to the above listed documents, applicants may be requested to submit further documentation in order to validate their degrees.

5.4 Applicants holding a foreign qualification will be provisionally admitted to the selection. The eligibility of their degree (see item 5.1), will be verified at the end of the selection process, only for the applicants listed in the final rankings. In the event that a foreign qualification is not considered as eligible, the applicant will not be entitled to enrol in the PhD programme and his/her position will be offered to the next applicant in the ranking list.

ART. 6 - CANDIDATES WITH INVALIDITY, DISABILITY OR SPECIFIC LEARNING DISORDERS

6.1 The tests are organized taking into account the needs of candidates with invalidity, disabilities pursuant to law n. 104/1992, or with specific learning disorders (SLD) referred to in law no. 170/2010. The candidate with a certificate of invalidity, disability as per law n. 104/1992, or with a diagnosis of SLD, which intends to request the application of specific adaptations, must:
- declare it when registering for the competition, in the text of the e-mail through which the application is sent according to the procedure described in art. 4.2;
- send a specific request using the appropriate form (Annex 2), together with the necessary certifications and attachments, to be sent by e-mail to adattamentiprove@ateneo.univr.it. By completing the form, the candidate also makes the necessary declarations.

6.2 Requests for adaptation of the tests must be received within the same deadlines set for registration for the competition as reported in article 4.2.

6.3 The candidate with invalidity, disability pursuant to law no. 104/1992, or with SLD:
- in the event of a test with a predetermined maximum time for its performance, he / she may request to use additional time (up to a maximum of 50% in the case of a candidate with disability or disability pursuant to law no.104 / 1992; to the maximum extent 30% in the case of a candidate with SLD);
- he/she can also ask for further adjustments necessary due to the specific condition of invalidity, disability or SLD, and in relation to the type of test.

6.4 The candidate with SLD must present suitable certification, in original or authenticated copy on plain paper, issued no more than three years ago, or after the eighteenth year of life, by structures of the National Health System (SSN) or by structures and / or specialists accredited by the same. To this end, the candidate can in any case send the certification in copy or scan by e-mail, declaring conformity with the original in the aforementioned adaptation request form.

6.5 The candidate with invalidity, or disability pursuant to law n.104 / 1992, must present suitable certification, in original or authenticated copy on plain paper, issued by the competent medical commission for the area, proving the type and degree of disability and / or the degree of recognized handicap. To this end, the candidate may in any case send the certification in copy or scan by e-mail, declaring conformity with the original in the aforementioned application form for the aid.

6.6 The candidates referred to in this article may be admitted to take advantage of the measures provided for the test with the medical certification in their possession, even if not updated due to the limitation of the activity of the SSN for Covid19 emergency, subject to, by the University, to subsequently request the integration of the documentation provided therein.

6.7 Candidates with invalidity, disability pursuant to law n.104 / 1992, or with SLD, residing in foreign countries, who intend to take advantage of the measures referred to in the preceding paragraphs, must submit the legalized certification, where required by the international standards in force, certifying the state of invalidity, disability or SLD, issued in the country of residence, accompanied by a translation, sworn and by an official translator or certified conforming to the original text by the Italian diplomatic representations, in Italian or in English. The university bodies in charge of examining the certifications referred to in the preceding paragraphs ascertain that the foreign documentation certifies a condition of invalidity, disability or specific learning disability recognized by Italian law. Pending the verification of the authenticity of the aforementioned documentation by the University bodies, the candidate / resident in a non-EU country is allowed to take the test with reserve. Any clarifications may be requested by candidates by e-mail by contacting the Inclusion Unit at adattamentiprove@ateneo.univr.it.

ART. 7 – ENTRY EXAMINATION, EVALUATION AND SELECTION OF APPLICANTS
7.1 The entry examination consists in a selection procedure intended to ascertain applicants’ academic background and aptitude for academic research and to ensure a comparative evaluation of applicants.

7.2 Details on the selection procedure and the evaluation criteria are provided in Annex 1 - PhD programmes information sheets.

7.3 Entry examinations timetables are included in the Annex 1 - PhD programmes information sheets. Possible up-to-date notices regarding the selection procedure will be posted on the PhD Programme webpages.

In order to be correctly identified, applicants will have to show the same ID – identity card, driving licence, passport – they used to register their online application. Should the exam be conducted online via live streaming on Zoom, applicants will be asked to keep their camera on to allow the Examination Board to identify and see them during the examination.

7.4 A score of at least 40/60 is required to pass the entry examination, unless differently specified in Annex 1 - PhD programmes information sheets. The evaluation of qualifications will be added to the oral exam score.

The evaluation of qualifications will be based on the documents submitted by the applicants. If the qualifications score has not already been specified in Annex 1 - PhD programmes information sheets, the Examination Board will decide the score for each qualification required.

7.5 For all types of announced positions, the Examination Board may reserve the possibility of drawing up separate rankings, taking into account the preferences expressed and the applications received. In the event that no applications have been submitted for a specific ranking within a Course, in the event of withdrawals or if no suitable applicants are available in a ranking, and in any cases the Examination Board may reserve the possibility of assigning the position to suitable applicants within another ranking of the Course, subject to verification of the requisites required.

7.6 Applicants will not be notified about the examination results. The official final rankings, approved by Rector’s Decree, will be published and displayed on the Official University Register (Albo Ufficiale dell’Ateneo), and on each PhD programme webpage.

Applicants may contest the final ranking after the publication of the selection results. In accordance with Law no. 241/1990 and subsequent additions and modifications, applicants have the right to access the selection records.

ART. 8 – EXAMINATION BOARDS

8.1 The Examination Boards shall consist of three members of the Teaching Committee of the PhD Programme.

The Examination Board may – at no additional cost for the University – include up to two Italian or international experts, selected from companies or public or private research entities. The inclusion and nomination of such experts is compulsory if provided by a specific agreement.

The Examination Board shall elect its own Chair and Secretary. The Rector’s Decrees stating the members of the Examination Boards will be published on each PhD programme webpage, by 11th January 2023.

ART. 9 – ADMISSION TO THE PhD PROGRAMMES

9.1 Candidates will be admitted to attend the courses according to the order of the ranking until the available places are filled.

9.2 In the event of equal scores, the preference criterion for the youngest will be applied in accordance with art. 3 - paragraph 7 - of Law 127/97 as amended by art. 2 of the Law 16.06.1998, n. 191. In case of useful placement in several rankings, the candidate will have to exercise the option for one PhD course only.

9.3 In order to register to the PhD programme, successful applicants must submit an online enrolment form following the procedure available at www.univr.it/enrolmentphd, within 15 days after the publication of the final rankings, under penalty of exclusion.

9.4 Should an applicant fail to complete the online enrolment within the period stated for the selected PhD programme, the University will consider him/her as having given up his/her position (with or without
scholarship) in the programme, and it will be reassigned to the next applicant on the merit ranking. The latter will be informed only by email and must enrol by following the procedure described in paragraph 8.2, within five days from the notification.

9.45 Applicants are advised that the University is required to check the truthfulness of any information or statement received. Should a declaration be found false or misleading, in addition to the loss of any benefits gained by the applicant on the basis of a false declaration, criminal sanctions for false statements and the forgery of documents shall apply (see Art.s 75 and 76 of Presidential Decree no. 445/2000). The University Administration will withdraw any benefits awarded to the candidate (such as a scholarship and fee concessions) and will not reimburse any of the fees paid. False declarations may also lead to possible legal action by the interested parties.

ART. 10 – PhD PROGRAMMES AND MEDICAL POSTGRADUATE SPECIALISATIONS
10.1 Students enrolled at a Medical School of Specialist Studies run by the University of Verona or by other Italian Universities are entitled to apply to this Call. Any provisions that differ from the above are specified in the section "Positions available" in Annex 1.

10.2 When enrolling, the aforementioned students must provide a “Nulla Osta” (authorization) signed by the Director of their School of Specialist Studies and the PhD Coordinator, confirming that attendance to both programmes is sustainable, even taking into account the distance between the places where the student is attending the two different courses.

10.3 Due to incompatibility between the remuneration for the Postgraduate Specialisation and the PhD scholarship, during the period of joint attendance, the student will not receive the latter. Those scholarship instalments will be made available to the University central administration.

ART. 11 – RIGHTS, OBLIGATIONS AND INCOMPATIBILITIES FOR PhD STUDENTS
11.1 Attendance to the PhD course involves an exclusive and full-time commitment; any activities other than training and research must be authorized by the Teaching Committee upon favourable opinion of the supervisor and the co-supervisor. PhD students holding a scholarship can undertake paid assignments limited to activities leading to acquire new skills within the research path of the PhD Programme, provided that the PhD Teaching Committee has confirmed that the successful fulfillment of training, teaching and research activities of the Course is preserved. The remuneration of those authorized activities shall not exceed the value of the annual amount of the PhD scholarship as detailed in the following art. 12.1.

11.2 Public employees admitted to a PhD Programme, for the normal duration of the course can benefit from a leave from work as provided for in their employment contract or, if employed under public law, from study leave, if compatible with the needs of the administration, pursuant to art. 2, Law no. 476/1984, with or without salary and only if enrolled for the first time in a doctoral course, regardless of the subject field.

11.3 Simultaneous enrolment in more than one study course leading to the achievement of an academic qualification is allowed as provided for by law no. 33 of 12 April 2022.

11.4 The PhD student can carry out periods of study and internships in public or private entities abroad for a period of twelve months unless otherwise provided for in the project proposal on which the positions covered by this call insist.

11.5 For regulations concerning PhD students’ rights, obligations, incompatibilities and for what not regulated by this Call please refer to Regulations for PhD Studies, available at the webpage Admission to PhD Programmes > PhD Regulations.

ART. 12 – SCHOLARSHIPS
12.1 The annual amount of the PhD scholarship is equal to Euro 16,243.00 gross of INPS social security charges as provided by law to be paid by the recipient. Scholarships are awarded for the entire duration of the PhD programme (3 years/36 months) and instalments are paid on a monthly basis. The first instalment of February 2022 will be paid at the end of the same month provided that the student has submitted all the documentation required and is correctly enrolled in their PhD programme by 28th February 2023. Otherwise, a two-month instalment will be paid at the end of April.
12.2 The scholarship will be increased by 50% during the authorised study periods abroad. Should the student be suspended or excluded from the PhD programme, scholarship funds will be awarded only for the period in which he/she attended it.

12.3 Scholarships have an annual duration and are renewed on the condition that the PhD student has completed all the activities intended for that year, as verified by the PhD programme Teaching Committee.

12.4 From the first year of the programme, every PhD student shall be guaranteed a research budget of not less than 10% of the annual scholarship amount in order to support his/her research activity in Italy and abroad.

12.5 PhD scholarships cannot be accumulated with other scholarships, except those granted by national or foreign institutions that allow the student to conduct PhD research abroad.

ART. 13 – STUDY FEES AND CONTRIBUTIONS PAYABLE

13.1 Fees and contributions are the following: Students with a scholarship must pay €442.00 (€250.00 for tuition fees, €176.00 for regional study tax contributions, and €16.00 for stamp duty using the virtual stamping system) in a single payment.

Any changes to the aforementioned amounts will be notified to PhD student in due time.

13.2 Students who meet specific income requirements may request a reduction of the regional study tax contributions and/or student contributions by following the instructions published in the Rector’s Decree at https://www.univr.it/it/concorsi/studenti/riduzione-contribuzione-studentesca

Students meeting the following requirements are exempt from paying tuition fees:
- students with a legal disability of at least 66% certified by the relevant health authority pursuant to Law no. 104/92;
- students meeting requisites established by art. 30, Law nr. 118/1971;
- students receiving an Italian Government scholarship (for foreign students, the current application process is available on the Ministry of Foreign Affairs website);
- recipients of a regional scholarship;
- students without a scholarship.

PhD students with recognized disability (between 50% and 65%) will pay a reduced amount of € 192.00 for contributions.

PhD students coming from developing countries as annually identified by MUR will pay a reduced amount of € 150.00 for contributions

ART. 14 – IPR

14.1 The intellectual and industrial property rights of any results achieved by PhD students – including, but not limited to, software, industrial inventions that may or may not be patentable, know-how, models, data and data collections – are governed in accordance with current regulations/statutory laws, the University regulations and, where applicable, in compliance with specific agreements signed with universities, enterprises/businesses or other parties involved.

14.2 In all cases, PhD candidates undertake to promptly notify the Coordinator regarding the achievement of any results and must agree not to disclose them or use them without the prior authorisation of the University. If collaborating with research groups, PhD students must sign a specific agreement for the recognition of intellectual property rights, maintaining the utmost confidentiality concerning all reserved information, data, and documents they may come into the possession of while carrying out their activities at or on behalf of the University.

14.3 In all cases, PhD students are guaranteed the possibility of undertaking all the normal publication activities provided by the research and study programme, which shall be planned compatibly with the need to protect any possible results.

ART. 15 – FINAL REGULATIONS
15.1 The University of Verona is the Data Controller of candidates’ personal data according to EU Regulation 2016/67; further information about data processing, data recipients, and rights of the data subjects can be found on the University of Verona webpage: [https://www.univr.it/en/privacy](https://www.univr.it/en/privacy).

15.2 Contact person responsible for administrative proceedings: dott.ssa Maria Gabaldo, Responsabile Area Ricerca, Via S. Francesco n. 22, Verona, phone. 045 8028134/8028078, e-mail: dottorati.ricerca@ateneo.univr.it

All matters not specified in this Call for Applications shall be governed by the Regulations for PhD Studies (available at the webpage: Admission to PhD Programmes > PhD Regulations) and relevant national laws and regulations.

14.3 Further information about the administrative procedure are available on the website, Dottorati di Ricerca and PhD Programmes webpages and can be requested to the PhD Office: Area Ricerca – U.O. Dottorati di Ricerca, Via San Francesco no. 22, phone. 00 39 045 8028134/8028078, e-mail: dottorati.ricerca@ateneo.univr.it

The official text of this Call for Applications is drawn up in Italian language and available at: [https://www.univr.it/en/our-services/phd-programmes/admission-to-phd-programmes](https://www.univr.it/en/our-services/phd-programmes/admission-to-phd-programmes)

This translation provides a summary in English for information purposes only. In case of discrepancies, the Italian version will prevail.
## Ph.D. Programme in Biotechnology

**Coordinator:** Prof. Matteo Ballottari

| **Duration** | 3 years: 1st March 2023 – 28th February 2026  
Thesis Defence: by December 2026 |
| **Admission requirements** | 
- "Laurea specialistica" or "Laurea magistrale" (second cycle university Degree, e.g., M.A., M.Sc.);  
- or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;  
- or equivalent foreign degree. |
| **Programme learning objectives and languages** | 
Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link  
The programme activities will be totally held in English |
| **Places available** |  
PNRR scholarship  
PE6 Heal Italy  
n. 1  
The scholarship is intended to realize research a project in the following field:  
*Proteomic characterization of tumors for the identification of therapeutic targets and preclinical development of new antitumor therapeutic approaches.*  
Contact person: Prof. Daniela Cecconi |
| **Total places** | n. 1 |
| **Italian and foreign candidates** | 
- Evaluation of qualifications* (minimum score to gain access to the oral examination 40, max. 60)  
- Oral examination (minimum score to pass the oral examination 40, max. 60)  
Language for the oral examination: Italian or English  
- English language skills are required  
- Italian language skills are strongly recommended |
| **Oral examination** | 
**Place:** The oral examination will be held remotely, through Zoom. Instructions and link for the connection will be provided on the PhD Program [web page](#) after the Call for application deadline  
**Date:** 31st January 2023  
**Time:** 2.30 p.m. |
| **Evaluation criteria of examinations** | 
*The evaluation of qualifications is preliminary to the admission examinations. Only candidates who will attain a minimum score of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the [PhD Programme](#) web page. A pass in the oral examination will be awarded only if the score is at least 40/60. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.* |
| **Qualifications subject to evaluation and respective score** | 
- Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline:  
  **max. 15 points**  
- Graduation thesis: **max. 10 points** |
Annex 1 - PhD programmes information sheets

| Examination topics | During the oral exam candidates will be asked to discuss and answer questions concerning the research project field. |

- Curriculum Vitae et studiorum (including a description of any research experiences at Universities or Research Centers): **max. 30 points**
- Scientific publications: **max. 5 points**

**Total qualifications score:** min 40, max. 60
## Annex 1 - PhD programmes information sheets

### PhD in Inflammation, Immunity and Cancer
**Coordinator:** Prof. Vincenzo Corbo

<table>
<thead>
<tr>
<th>Programme duration</th>
<th>3 years: 1st March 2023 – 28 February 2026</th>
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<tbody>
<tr>
<td>Thesis Defence</td>
<td>by December 2026</td>
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</table>

### Admission requirements
- "Laurea specialistica" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.);
- or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;
- or equivalent foreign degree.

### Programme learning objectives and language
Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link. The Programme activities will be held in English. Candidates can compete for only one of the positions listed below. At the end of the selection, two separate rankings will be drawn up.

<table>
<thead>
<tr>
<th>Places available</th>
<th>PNRR PE6 Heal Italy</th>
<th>n. 2</th>
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<tbody>
<tr>
<td>The scholarships are intended to realize a project in the following fields:</td>
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<tr>
<td>- n. 1 PNRR PE6 Heal Italy; Identification of predictive biomarkers in tumors of the gastrointestinal tract</td>
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<tr>
<td>Contact person: Prof Davide Melisi</td>
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<tr>
<td>(CODE: IIC01)</td>
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<tr>
<td><strong>This place will be assigned with priority to female candidates</strong></td>
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<tr>
<td>- n. 1 PNRR PE6 Heal Italy; Radiomics and Image Analysis for Precision Diagnosis and Personalized Medicine</td>
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<tr>
<td>Contact person: Prof Mirko D’Onofrio</td>
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<td>(CODE: ICC02)</td>
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<table>
<thead>
<tr>
<th>Totale posti a concorso</th>
<th>n. 2</th>
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</thead>
</table>

### Admission procedure
- Evaluation of qualifications*
- Oral examination
Language for the oral examination: Italian/English
- English language skills are required.

### Oral Examination
**Place:** The oral examination will be held by telematic means, through Zoom. Instructions and link for the connection will be provided after the deadline of this call on the PhD programme’s [webpage](#).

**Date:** February 3rd 2023

**Time:** 9:00
Annex 1 - PhD programmes information sheets

**Evaluation criteria**

*Evaluation of qualifications is a pre-requisite for admission to the oral examination. Only candidates with a minimum score of 40/60 will be admitted to the oral examination. The results will be published, as soon as available, on the PhD programme’s [webpage](#).

In order to pass: Candidates – in both evaluation of qualifications and oral examination – should obtain at least 40/60 as score.

The score obtained after the evaluation of the qualifications will be added to the score of the oral examination in order to draw up the final merit ranking.

| Qualifications subject to evaluation and respective score | • Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. points 20**
| • Graduation Thesis: **max. points 20**
| • Curriculum Vitae et Studiorum: **max. points 5**
| • Scientific publications: **max. points 5**
| • Other qualifications that could be considered relevant: **max. points 2**
| • Post-graduate program and/or Master: **max. points 3**
| • Research experience at universities or research centres: **max. points 2**
| • Awards and certificates: **max points 3**
| **Total qualifications score:** 40/60 |

**Examination topics**

Code IIC01: The oral exam includes the discussion of subjects relating to the research lines of the doctorate with particular reference to Medical Oncology and the Molecular Biology of Tumors.

CODE IIC02: The oral exam includes the discussion of subjects relating to the research lines of the doctorate with particular reference to Diagnostic Imaging, Software for computerized analysis, and Information Technology applied to medicine.
# Annex 1 - PhD programmes information sheets

## Ph.D. programme in Computer Science

**Coordinator:** Prof. Ferdinando Cicalessi

| Programme duration       | 3 years: 1<sup>st</sup> March 2023 – 28 February 2026  
Thesis Defence: by December 2026 |
|--------------------------|----------------------------------------------------------|
| Admission requirements   | "Laurea specialista" or "Laurea magistrale" (second cycle university degree, e.g., M.A., M.Sc.);  
_or a degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999;  
_or equivalent foreign degree. |
| Programme learning objectives and language | Information on the programme learning objectives and research topics are available on the web site of Verona University at the following link  
The Programme activities will be partially held in English. |
| Places available         | PNRR scholarship  
PE6 Heal Italy  
n. 1 |
| Total places             | n. 1 |
| Italian and foreign candidates: |  
* Evaluation of qualifications* (minimum score to gain access to the oral examination 40, max. 60)  
* Oral examination (minimum score to pass the oral examination 40, max. 60)  
Language for the oral examination: Italian or English  
* English language skills are required. |
| Oral examination         | Place: The oral examination will be held remotely, through Zoom. Instructions and link for the connection will be provided on the PhD Program web page after the Call for application deadline  
Date: 1<sup>st</sup> February 2023  
Time: 9.00 a.m. |
| Evaluation criteria      | *The evaluation of qualifications is preliminary to the admission examinations. Only candidates who will attain a minimum score of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the PhD Programme web page. A pass in the oral examination will be awarded only if the score is at least 40/60.  
The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. |
| Qualifications subject to evaluation and respective score |  
* Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 24 points**  
* Graduation thesis: **max. 8 points**  
* Curriculum Vitae et studiorum: **max. 14 points**  
* Candidate’s letter of motivation: **max. 5 points**  
* Scientific publications: **max. 3 points**  
* N. 2 reference letters released by University professors/researchers: **max 2 points** |
## Annex 1 - PhD programmes information sheets

<table>
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<tr>
<th>Examination topics</th>
<th>Computer Science</th>
</tr>
</thead>
</table>

- Post-graduate programme and/or Master: **max. 2 points**
- Research experience at Universities or research centers: **max. 2 points**

**Total qualifications score: 60 points**
### Ph.D. programme in Neuroscience, Psychological and Psychiatric Sciences, and Movement
**Coordinator:** Prof. Michela Rimondini

| Programme duration | 3 years: 1st March 2023 – 28th February 2026  
|                    | Thesis Defence: by December 2026 |
| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university Degree, e.g., M.A., M.Sc.);  
|                       | or a Degree taken under the Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 509/1999;  
|                       | or equivalent foreign degree. |
| Programme objectives and learning outcomes, research lines and languages | Information on the Programme objectives and its learning outcomes, as well as on research lines can be found at the following links:  
|                             | [programme objectives](#)  
|                             | [research lines](#)  
|                             | The Programme activities will be held in Italian and partly in English. |
| Positions available | PNRR scholarships  
|                     | PE 12 - MNESYS  
|                     | n. 1  
| The scholarship is intended to realize a research project in the following field:  
|                     | Mood and Psychosis: harmonizing clinical and biological biomarkers to phenotype subjects  
|                     | Contact person: **Prof. Mirella Ruggeri** |
| Total places | n. 1 |
| Admission procedure | **Italian and foreign candidates**  
|                     | • Evaluation of qualifications* (minimum score to gain access to the oral examination 40, max. 60)  
|                     | • Oral examination (minimum score to pass the oral examination 40, max. 60)  
|                     | Language for the oral examination: Italian or English  
|                     | • English language skills are required  
|                     | • Italian language skills are strongly recommended |
| Oral Examination | **Place:** The oral examination will be held remotely, through Zoom. Instructions and link for the connection will be provided on the PhD Program [web page](#) after the Call for application deadline  
|                     | **Date:** 30th January 2023  
|                     | **Time:** 2 p.m. |
| Evaluation criteria of examinations | *The evaluation of qualifications is preliminary to the admission examinations. Only candidates who will attain a minimum score of 40/60 will gain access to the oral examination. The results will be published, as soon as available, on the [PhD Programme](#) web page.  
|                     | A pass in the oral examination will be awarded only if the score is at least 40/60.  
|                     | The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. |
| Qualifications subject to evaluation and respective score | • Certificate with final graduation mark or certificate with marks of exams obtained during the academic career in case of final graduation after the Call for application deadline: **max. 15 points**  
|                     | • Graduation thesis: **max. 10 points**  
|                     | • Curriculum Vitae et studiorum (including a description of any research experiences at Universities or Research Centers): **max. 30 points**  
|                     | • Scientific publications: **max. 5 points** |
## Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Examination topics</th>
<th>The exam will be on affective and psychotic disorders, neurobiology (inflammation, genetics, brain-imaging, cognition) of affective and psychotic disorders</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Qualifications score:</strong></td>
<td><strong>min 40, max. 60</strong></td>
</tr>
</tbody>
</table>
**Annex 1 - PhD programmes information sheets**

<table>
<thead>
<tr>
<th><strong>Ph.D. programme in Clinical and Experimental Biomedical Sciences</strong></th>
<th><strong>Coordinator: Prof. Giovanni Targher</strong></th>
</tr>
</thead>
</table>
| **Programme duration** | 3 years: 1\textsuperscript{st} March 2023 – 28\textsuperscript{th} February 2026  
Thesis Defence: by December 2026 |
| **Admission requirements** | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
or a degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 509/99);  
or equivalent foreign degree |
| **Programme objectives and learning outcomes, languages** | Candidates can find further information about the programme objectives and its learning outcomes at the following link  
The programme activities will be held in Italian and partially in English |
| **Places available** | PNRR PE6 Heal Italy  
n. 1  
The scholarship is intended to realize a project in the following field:  
PNRR PE6 Heal Italy  
Contact person: Prof. Mauro Krampera  
(Hematology Section)  
This place will be assigned with priority to female candidates  
Total places  
n. 1 |
| **Admission procedure** | Italian and foreign candidates  
• Evaluation of qualifications\(^*\) (minimum score to gain access to the oral examination 30, max. 50)  
• Oral examination (minimum score to pass the oral examination 30, max. 50)  
Language for the oral examination: Italian  
• English language skills are required |
| **Oral examination** | **Place:** The oral examination will be held remotely, through Zoom. Instructions and link for the connection will be provided on the PhD Program web page after the Call for application deadline  
**Data:** 30\textsuperscript{th} January 2023  
**Ora:** 3:00 p.m. |
| **Evaluation criteria** | \(^*\)Evaluation of qualifications is a pre-requisite for admission to the oral examination. Only candidates with a minimum score of 30/50 will be admitted to the oral examination. The results will be published, as soon as available, on the Course website.  
**A pass in the oral examination will be awarded only if the score is at least 30/50.**  
The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. |
| **Qualifications subject to evaluation and respective score** |  
• Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline: max. points 15  
• Graduation thesis: max. points 10  
• Curriculum Vitae et studiorum: max. points 6  
• Candidate’s letter of motivation: max. points 2  
• Scientific publications: max. points 5  
• Other qualifications, prizes and grants that could be considered relevant: max. points 4  
• Research experience in laboratory at Universities and Research Center: max. points 8  
Total qualifications score: 50 points |
Annex 1 - PhD programmes information sheets

<table>
<thead>
<tr>
<th>Examination topics</th>
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<tbody>
<tr>
<td>• Cell culture preparation</td>
</tr>
<tr>
<td>• Main Molecular Biology techniques</td>
</tr>
<tr>
<td>• Flow cytometry assays</td>
</tr>
<tr>
<td>• Main analytical techniques used in Biomedical Laboratories.</td>
</tr>
</tbody>
</table>
### Ph.D. programme in Surgical and Cardiovascular Sciences

**Coordinator:** Professor Andrea Ruzzenente

| Programme duration | 3 years: 1st March 2023 – 28 February 2026  
| Thesis Defence: by December 2026 |
| Admission requirements | “Laurea specialistica” or “Laurea magistrale” (second cycle university degree, e.g., M.A., M.Sc.);  
| or a degree taken under the old Italian university system (prior to the one introduced by the Italian Ministerial Decree No. 599/99);  
| or equivalent foreign degree |
| Curricula, programme objectives and learning outcomes, languages | Programme objectives and learning outcomes of the Ph.D. degree programme can be found at the PhD Programme webpage  
| The PhD programme is divided into 3 curricula:  
| 1. Surgical Oncology  
| 2. Cardiovascular Sciences  
| 3. Odontostomatology  
| The program activities will be held in Italian and English  
| For each kind of place the candidates can express one or more preferences |
| Places available | PNRR PE6 Heal Italy  
| n. 3 |
| The scholarships are intended to realize a project in the following fields:  
| - n. 1 PNRR PE6 Heal Italy; Role of molecular factors and signatures, to identify, classify and prognostication of hepatobiliary cancers  
| **This place will be assigned with priority to female candidates**  
| Contact person: Prof Andrea Ruzzenente  
| (Section of General and Hepatobiliary Surgery)  
| (CODE: SCC01) |
| - n. 1 PNRR PE6 Heal Italy; Mapping the omic landscape of clinical to molecular environment, to identify, classify, and refine the phenotypes of multifactorial diseases  
| Contact person: Prof Giovanni De Manzoni  
| (Section of General Surgery and of the Esophagus and Stomach)  
| (CODE: SCC02) |
| - n. 1 PNRR PE6 Heal Italy; Data management and development of advanced methods, algorithms, and machine learning approaches integrating health big data for Precision Medicine; |
**Annex 1 - PhD programmes information sheets**

| Contact person: Prof Roberto Salvia (Section of Surgery of the Pancreas) (CODE: SCC03) |
|---|---|
| **Total places** | n. 3 |
| **Admission procedure** | • Evaluation of qualifications  
• Oral examination  
• Language for the oral examination: Italian/English  
• English language skills are required |
| **Oral Examination** | **Place:** The oral examination will be held remotely, through Zoom; the link will be published as soon as possible on the Course [webpage](#).  
**Date:** January 31st, 2023  
**Time:** 3:00 p.m. |
| **Evaluation criteria** | A pass in the oral examination will be awarded only if the score is at least 40/60. The score obtained by candidates after the evaluation of their qualifications will be added to the score of the oral examination in order to draw up the final merit ranking. For each type of place announced, on the basis of the final score achieved, the Commission reserves the right to draw up separate rankings. |
| **Documents to be submitted with the Application Form and relative scores** | • Certificate with final graduation mark or list of marks obtained during the academic career in case of final graduation after the Call deadline (max. score: 5 points)  
• Graduation thesis (max. score: 5 points)  
• Curriculum Vitae et studiorum (max. score: 7 points)  
• Scientific publications (max. score 5 points)  
• Other qualifications that could be considered relevant (max. score: 5 points)  
• Post-graduate program and/or Master (max. score: 5 points)  
• Research experience at universities or research centres (max. score: 8 points)  
**Max. total score: 40 points** |
| **Examination topics** | Data analysis and statistics – Molecular biology and genetics in cancer research – General Surgery |