

Call for the awarding of no. 7 PhD scholarships in the framework of National Centers "Gene therapy and drugs with RNA technology" and "Biodiversity" funded by the National Recovery and Resilience Plan, Mission 4 Component 2 Investment 1.4. 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. 7 PhD scholarships in the framework of National Centers "Gene therapy and drugs with RNA technology" and "Biodiversity" funded by the National Recovery and Resilience Plan, Mission 4 Component 2 Investment 1.4.

PHD PROGRAMMES AND SCHOLARSHIPS		<i>National Center "Gene therapy and drugs with RNA technology"</i>	<i>National center "Biodiversity"</i>
<i>Ph.D.</i>	Biotechnology	0	2
<i>Ph.D.</i>	Inflammation, Immunity and Cancer	1	1
<i>Ph.D.</i>	Computer Science	0	1
<i>Ph.D.</i>	Neuroscience, Psychological and Psychiatric Sciences and Movement Sciences	0	1
<i>Ph.D.</i>	Clinical and Experimental Biomedical Sciences	0	1
Total places for National Center		1	6
Total		7	

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 positions funded by the present Call will officially begin on 1st November 2022. PhD programmes last three years. The final defence of the doctoral thesis must take place within the month of April of the solar year after 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/Art) 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 26 October 2022. 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 **25 August 2022 to 26 September 2022 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 **26 September 2022, 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.

4.5 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*.

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

4.7 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 / o 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 2 September 2022.

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. In compliance with the provisions of article 47 "Equal opportunities, generational and gender, in public contracts PNRR and PNC" of Legislative Decree May 31, 2021, n. 77 converted into law no. 108, on the total of positions announced with the present Call, no. 3 positions will be reserved with priority to female candidates. These positions are duly indicated in *Annex 1 - PhD programmes information sheets*.
Applicants who do not meet the reserve reported above, are also entitled to apply for these positions. In the event of lacking of applications from female candidates or if they are not evaluated as eligible from the Examination Board, these positions will be assigned to the other candidates according to the ranking order.
- 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, 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 and it is authorised by the School of Specialization Council and by the PhD programme Teaching Committee.
- 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 fulfilment 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 six 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, 4 years/ 48 months) and instalments are paid on a monthly basis. The first instalment of November 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 26 October 2022**. Otherwise, a two-month instalment will be paid at the end of December.
- 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 (with or without scholarship) 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>.

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>

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

Annex 1 - PhD programmes information sheets

Ph.D. Programme in Biotechnology Coordinator: Prof. Matteo Ballottari			
Duration	3 years: 1 st November 2022 – 31 st October 2025 Thesis Defence: by May 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 In their application candidates can express their interest for one or both research projects listed below.		
NATIONAL BIODIVERSITY CENTER CN5 - BIODIVERSITA'			
Places available	PNRR scholarships CN 5 - BIODIVERSITÀ	n. 2	The scholarships are intended to realize research projects in the following fields: - n. 1 scholarship in <i>Bioprospection of plant species and characterization of their metabolic profiles and bio-activities</i> . Contact person: Prof. Linda Avesani , Prof. Flavia Guzzo (BIOTEC01) - n. 1 scholarship in <i>activity of plant extracts and biomasses on plant pathogenic microorganisms and on plant-pathogen interaction</i> . Contact person: Prof. Elodie Vandelle (BIOTEC02) This place will be assigned with priority to female candidates
	Total places	n. 2	
Admission procedure	Italian and foreign candidates <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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: 7 October 2022 Time: 9.00 a.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.		

Annex 1 - PhD programmes information sheets

	Distinct rankings will be provided for research projects BIOTEC01 and BIOTEC02, basing on the final score obtained.		
Qualifications subject to evaluation and respective score	<ul style="list-style-type: none"> • 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 Total qualifications score: min 40, max. 60		
Examination topics	During the oral exam candidates will be asked to discuss and answer questions concerning the projects' research topics.		
Ph.D. programme in Inflammation, Immunity and Cancer			
Coordinator: Prof. Vincenzo Corbo			
Programme duration	3 years: 1 st November 2022 – 31 st October 2025 Thesis Defence: by May 2026		
Admission requirements	_ “Laurea specialistica” or “Laurea magistrale” (second cycle university Degree, e.g., M.A., M.Sc.); _ Degree taken under the old Italian university system in force prior to the one introduced by the Italian Ministerial Decree No. 599/1999; _ Equivalent foreign degree.		
Programme learning objectives, and language	Information on Programme learning objectives and research topics are available on the web site of University of Verona at the following link The program activities will be totally held in English. Candidates can apply for only one of the scholarships reported below		
NATIONAL CENTER FOR GENE THERAPY AND DRUGS BASED ON RNA TECHNOLOGY			
CN3 - RNA			
Places available	PNRR scholarship CN3 - RNA	n. 1	The scholarship is intended to realize a research project in the following field: <i>Myeloid Engineered Cells for Inducing Tolerance (ENCODE Project)</i> Contact person: Prof. Stefano Ugel Project code: CN3 - RNA
	Total places	n.1	
NATIONAL BIODIVERSITY CENTER			
CN5 - BIODIVERSITA'			
Places available	PNRR scholarship CN5 - BIODIVERSITÀ	n. 1	The scholarship is intended to realize a research project in the following field: <i>Characterization of new bioactive molecules by using: in vitro cellular biology studies (neuroprotection, neurotoxicity, anti-inflammatory effect), advanced microscopy, high throughput screening assays, experimental in vivo models (NBFC project).</i> Contact person: Prof. Gabriela Constantin Project code: CN5 - BIODIVERSITA'
	Total places	n. 1	
Admission procedure	Italian and foreign candidates		

Annex 1 - PhD programmes information sheets

	<ul style="list-style-type: none"> • 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) <p>Language for the oral examination: English</p> <ul style="list-style-type: none"> • English language skills are required. English skills will be assessed during the oral examination
Oral examination	<p>Oral examination for the CN3 – RNA scholarship</p> <p>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</p> <p>Date: 7 October 2022</p> <p>Time: 2:00 p.m.</p> <p>Oral examination for the CN5 – BIODIVERSITÀ scholarship</p> <p>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</p> <p>Date: 7 October 2022</p> <p>Time: 2:00 p.m.</p>
Evaluation criteria	<p>*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. Distinct rankings will be provided for PNRR CN 3 – RNA scholarship and for PNRR CN 5-BIODIVERSITÀ, basing on the final score obtained.</p>
Documents to be submitted and relative scores	<ul style="list-style-type: none"> • 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 10 • Graduation thesis: max. points 10 • Curriculum Vitae et studiorum (including a description of any research experiences at Universities or Research Centers): max. points 15 • Scientific publications: max. points 5 • Original research project written in English or Italian, developed in the field of the chosen scholarship of interest for the candidate (the research project should have a maximum length of 9.000 characters - spaces excluded, bibliography excluded - and should be drawn up according to the following structure: 1) Brief introduction which introduces the research in the national/international scientific context making clear the coherence with the constrained topic of interest; 2) Scientific assumptions and methods through which the research will be developed; 3) Objectives, expected results and impact; 4) Bibliography: max. points 20 <p>Total qualifications score: 40/60</p>
Examination topics	<p>For PNRR CN 3 – RNA scholarship: the oral examination includes the discussion of the research project and the subjects related to the research lines of the doctorate with particular attention to the immunology of myeloid cells with suppressor and tolerogenic activity regulating tumor immune evasion and metastasis.</p> <p>For PNRR CN 5 – BIODIVERSITÀ scholarship: the oral examination includes the discussion of the research project and the subjects related to the research lines of the doctorate with particular attention to the neuroinflammation and neurodegenerative disorders.</p>

Annex 1 - PhD programmes information sheets

Ph.D. programme in Computer Science Coordinator: Prof. Massimo Merro			
Programme duration	3 years: 1 st November 2022 – 31 st October 2025 Thesis Defence: by May 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 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.		
NATIONAL BIODIVERSITY CENTER CN5 - BIODIVERSITÀ			
Places available	PNRR scholarship CN 5 - BIODIVERSITÀ	n. 1	The scholarship is intended to realize a research project in the following field: <i>Representation and analysis of chemical and biological data</i> Contact person: Prof. Rosalba Giugno This place will be assigned with priority to female candidates
	Total places	n. 1	
Admission procedure	Italian and foreign candidates: <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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: 3 October 2022 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	<ul style="list-style-type: none"> 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. 3 points Scientific publications: max. 5 points N. 2 reference letters released by University professors/researchers: max 2 points Post-graduate programme and/or Master: max. 2 points 		

Annex 1 - PhD programmes information sheets

	<ul style="list-style-type: none"> • Research experience at Universities or research centers: max. 2 points Total qualifications score: 60 points		
Examination topics	Computer Science		
Ph.D. programme in Neuroscience, Psychological and Psychiatric Sciences, and Movement Coordinator: Prof. Michela Rimondini			
Programme duration	3 years: 1 st November 2022 – 31 st October 2025 Thesis Defence: by May 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.		
NATIONAL BIODIVERSITY FUTURE CENTER CN5 - BIODIVERSITA'			
Positions available	PNRR scholarship CN 5 - BIODIVERSITÀ	n. 1	The scholarship is intended to realize a research project in the following field: <i>Pharmacological evaluation of plant substances and extracts effects on the Central Nervous System</i> Contact person: Prof. Cristiano Chiamulera This place will be assigned with priority to female candidates
	Total places	n. 1	
Admission procedure	Italian and foreign candidates <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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: 4 October 2022 Time: 9.00 a.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			

Annex 1 - PhD programmes information sheets

evaluation and respective score	<ul style="list-style-type: none"> • 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 Qualifications score: min 40, max. 60		
Examination topics	the oral examination includes the discussion of the research project and the subjects related to the research lines of the doctorate with particular attention to the research methodologies of neuropsychopharmacology.		
Ph.D. programme in Clinical and Experimental Biomedical Sciences Coordinator: Prof. Giovanni Targher			
Programme duration	3 years: 1 st November 2022 – 31 st October 2025 Thesis Defence: by May 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		
NATIONAL BIODIVERSITY CENTER CN5 - BIODIVERSITA'			
Places available	PNRR scholarship CN 5 - BIODIVERSITÀ	n. 1	The scholarship is intended to realize a project in the following field: Centro Nazionale CN5 – Biodiversità. Activity 2: Bioprospecting and bioactivity. Task 2.3: Characterization of bioactive molecules Referente: Prof. Anna Maria Fratta Pasini
	Total places	n. 1	
Admission procedure	Italian and foreign candidates <ul style="list-style-type: none"> • 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 or English <ul style="list-style-type: none"> • 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: 4 October 2022 Ora: 9.00 a.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.		

Annex 1 - PhD programmes information sheets

Qualifications subject to evaluation and respective score	<ul style="list-style-type: none">• 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 <p>Total qualifications score: 50 points</p>
Examination topics	<ul style="list-style-type: none">• Cell culture preparation• Main Molecular Biology techniques• Flow cytometry assays• Main analytical techniques used in Biomedical Laboratories.