

**PHD PROGRAMME TABLE**  
**Announcements of competition for admission to PhD Courses**  
**41<sup>st</sup> cycle, Academic Year 2025/2026**

**PhD Course: CLINICAL AND EXPERIMENTAL MEDICINE (CEM)**

**Available positions: 26**

**Evaluation Methods: based on academic and research records**

**Number of selections: 15**

The Course provides for fourteen selective procedures depending on the type of places available. Candidates interested in more than one selection procedure must submit an application and pay the relevant fee of € 25.00 for each procedure in which they wish to participate.

The selection is intended to verify the candidate's preparation and aptitude for conducting research activities related to the topics of the PhD Course.

**Available positions:**

<b>Selection</b>	<b>Place n.</b>	<b>Description</b>	<b>Financial support</b>	<b>Specific research topic</b>
Selection 1	1	Scholarship	University Scholarship	-
Selection 1	2	Scholarship	University Scholarship	-
Selection 1	3	Scholarship	University Scholarship	-
Selection 1	4	Scholarship	University Scholarship – funded by Fondazione di Modena	-
Selection 1	5	Scholarship	University Scholarship – funded by Fondazione di Modena	-
Selection 1	6	Position without scholarship	-	-
Selection 1	7	Position without scholarship	-	-
Selection 1	8	Position without scholarship	-	-
Selection 1	9	Position without scholarship	-	-
Selection 1	10	Position without scholarship	-	-
Selection 1	11	Position without scholarship	-	-
Selection 2	12	Scholarship	Scholarship funded by Istituto Superiore di Sanità (ISS)	Evaluation of the distance learning component of the Health and Environment Training Plan: climate and climate change.
Selection 3	13	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Bioinformatic and molecular analysis of lung carcinoma

Selection 4	14	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Pathway and management of hereditary-genetic genitourinary and gastrointestinal cancers
Selection 5	15	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Application of deep learning for cancer imaging in precision medicine
Selection 6	16	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Lymphoma of the immuno privileged sites. Integrated innovative approaches to the diagnosis, treatment, and response assessment
Selection 7	17	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Peripheral T Cell Lymphomas: dissecting the clinical and diagnostic complexity through an international academic cooperation
Selection 8	18	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Developing integrated omic approaches to the diagnosis and prognostic assessment of malignant lymphomas
Selection 9	19	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Transcriptome and metabolic profile in epilepsy and glioblastoma multiforme due to SCNxA variants
Selection 10	20	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Identification of clinical phenotypes of vasculitis, particularly large-vessel vasculitis, through an integrated approach combining molecular biology and imaging. Evaluation of clinical, molecular, and radiological predictors useful for identifying, at the time of diagnosis, patients at risk of vascular damage and relapses.
Selection 11	21	Scholarship*	Scholarship funded by Local Health Unit / IRCCS Reggio Emilia	Harnessing Artificial Intelligence in Oncology: Development and implementation of Ethical AI- based system to Personalized Cancer Care

Selection 12	22	Scholarship	Scholarship funded by Horizon Europe – KitNewCare programme – G.A. 101137054 - Horizon EU – CUP E53C24000330006 - Prof. Donati	Development of climate-resilient and sustainable care pathways in nephrology
Selection 13	23	Scholarship	Scholarship funded by the European Union's Horizon Europe research and innovation programme: Aristoteles “Applying ARTificial Intelligence to Define clinical trajectories for personalized prediction and early detection of comorbidity and multimorbidity patterns” – G.A. n. 101080189 – CUP E93C23002260005 – Prof. Boriani	Artificial Intelligence and atrial fibrillation in cardiology
Selection 14	24	Scholarship	Scholarship funded by Emilia Romagna Region in implementation of the program “High-Level Skills to Address the Challenges of the Technological, Cultural, Economic, and Social Transition Towards Sustainability”- PR ESF+ 2021/2027 CUP E83C25002380002	Deprescribing strategies in older patients: how computerized methods can reduce the use of unnecessary or harmful medications in the elderly population
Selection 15	25	Scholarship	Scholarships funded by Department of Biomedical, Metabolic and Neuroscience	Nursing Sciences
	26	Scholarship		

\* The person awarded the PhD scholarship financed by the AUSL-IRCCS of Reggio Emilia may also carry out research activities at the structures of the AUSL itself, according to the indications that will be provided by the PhD Course Coordinator and/or the Board of teachers.

**Areas of the PhD Programme:** The Doctorate is organized in three curricula:

- 1) Public Health;
- 2) Translational medicine;

3) Cell Biology.

Official course language: English.

Further information on research lines for each curriculum and the relative tutor is available on the PhD Programme website: <http://www.cem-phdschool.unimore.it/>

### **Admission requirements:**

**Selection 1:** every Italian second cycle master's degree ("Laurea Magistrale", under D.M. 270/04 or "Laurea Specialistica", under D.M. 509/99) or Italian degree obtained prior to D.M. 509/99 (the previous Italian regulations) or Second cycle Master's degree obtained abroad, equivalent to the above-mentioned Italian degrees, in accordance with Article 2 of this call.

**Selections 2, 3, 4, 5, 6, 7, 8, 9, 10, 13, 14:** Italian second cycle master's degree ("laurea magistrale", under D.M. 270/04) in the discipline LM-41 Medicine and surgery; or equivalent Italian second cycle master's degree ("laurea specialistica", under D.M. 509/99) in the discipline 46/S Medicine and surgery; Italian degree obtained prior to D.M. 509/99 (the previous Italian regulations) in Medicine and surgery, or Second cycle Master's degree obtained abroad, equivalent to the above-mentioned Italian degrees, in accordance with Article 2 of this call.

**Selection 11:** Italian second cycle master's degree ("laurea magistrale", under D.M. 270/04) in the following disciplines: LM-78 Philosophy, LM-84 History, LMG-01 Law, LM SC-GIUR Legal Studies, LM-1 Cultural anthropology and ethnology; or equivalent Italian second cycle master's degree ("laurea specialistica", under D.M. 509/99) in one of the following disciplines: 17/S Philosophy and History of Science, 18/S Theoretical, Moral, Political and Aesthetic Philosophy, 96/S History of Philosophy, 93/S Ancient History, 94/S Contemporary History, 97/S Medieval History, 98/S Modern History, 22/S Law, 102/S Theories and techniques of law-making and legal information, 1/S Cultural anthropology and ethnology; Italian degree obtained prior to D.M. 509/99 (the previous Italian regulations) in Philosophy, in History, in Literature, in Law, Conservation of Cultural Heritage, Cultural Studies, History and Conservation of Cultural Heritage or Second cycle Master's degree obtained abroad, equivalent to the above-mentioned Italian degrees, in accordance with Article 2 of this call.

**Selection 12:** Italian second cycle master's degree ("laurea magistrale", under D.M. 270/04) in the following disciplines: LM-41 Medicine and surgery, LM-6 Biology, LM-8 Industrial Biotechnology, LM-9 Medical, Veterinary and Pharmaceutical Biotechnology; or equivalent Italian second cycle master's degree ("laurea specialistica", under D.M. 509/99) in one of the following disciplines: 46/S Medicine and Surgery, 6/S Biology, 8/S Industrial Biotechnology, 9/S Medical, Veterinary and Pharmaceutical Biotechnology; or Italian degree obtained prior to D.M. 509/99 (the previous Italian regulations) in Medicine and Surgery, Biological Sciences, Agro-industrial Biotechnology, Biotechnology address Industrial Biotechnology, Biotechnology address Pharmaceutical Biotechnology, Biotechnology address Medical Biotechnology, Biotechnology address Veterinary Biotechnology, or Second cycle Master's degree obtained abroad, equivalent to the above-mentioned Italian degrees, in accordance with Article 2 of this call.

**Selection 15:** Italian second cycle master's degree ("laurea magistrale", under D.M. 270/04) in degree class LM-SNT1 Nursing and Obstetric Sciences, or equivalent Italian second cycle master's degree ("laurea specialistica", under D.M. 509/99) in the following discipline: SNT/01/S Nursing and Obstetric Sciences, or Second cycle Master's degree obtained abroad, equivalent to the above-mentioned Italian degrees and recognized as suitable for the admission to doctoral program, in accordance with Article 2 of this call.

**Documents to be attached to the application (for every selective procedure):**

- 1) Degree certificate (or self-certification for Italian degrees) including final mark; and Transcript of Records with list of examinations taken. Applicants with a degree obtained abroad must attach the degree certificate with the list of examinations taken translated and legalized or Diploma Supplement and, if available, the Declaration of Value ("Dichiarazione di Valore in loco") issued by the competent Italian diplomatic-consular Representation or the certificates issued by the CIMEA - ENIC-NARIC centre. If the degree certificate is not yet available or if the degree has not yet been obtained, the candidate must attach a description of the degree with a list of the examinations taken using [Annex A](#);
- 2) a curriculum vitae of his/her scientific and teaching activity drafted in Italian and English using the model in [Annex B](#);
- 3) copy in Italian or English of the final thesis;
- 4) short text in English (Statement of Research Interest) illustrating the candidate's motivations for attending the Course and his research interests, with specific reference to the subject in which the candidate is participating, if necessary, using the model in [Annex C](#);
- 5) Certification attesting the knowledge of the English language, or self-certification;
- 6) maximum three letters of introduction/recommendation/reference; in the online application, applicants must enter all the personal details of the professor/researcher/expert who will be sending the letter of recommendation. Once the application has been submitted, the computer system will send an automatic e-mail to the contact person requesting the letter of recommendation. The deadline for uploading letters is June 30<sup>th</sup> 2025, 11.59 pm (CET); applicants can check on the application summary page whether the contact person has sent the cover letter/recommendation. Within the aforementioned deadline, applicants may send a reminder to the contact person who has not yet done so by selecting the 'reminder' item from the application summary page;
- 7) proof of periods of training and scientific activities carried out at qualified national or foreign scientific institutions, including the possible award of scholarships and/or contracts for research and training activities;
- 8) List and copy of the scientific publications proposed for this evaluation;
- 9) copy of a valid identity document.

**Evaluation criteria (for every selective procedure):**

The Selection Committee has the capacity to assign scores up to a total of 60 points in the evaluation of candidate qualifications, as follows:

- Up to 30 points for the candidate's research project proposal (research statement), including a summary of its methodology and underlying scientific rationale;
- Up to 25 points for the candidate's scientific-professional curriculum (including thesis and degree mark, letters of presentation and knowledge of English and other qualifications, excluding publications);
- Up to 5 points for publications (also considering the candidate's academic age).

Once the qualifications have been assessed, the Committee will compile a merit-based ranking of candidates based on the scores awarded.

Candidates obtaining a minimum score of 30/60 on the evaluation of qualifications will be considered eligible.