

ANNOUNCEMENT OF PUBLIC SELECTION PROCEDURE

PUBLIC SELECTION PROCEDURE, BY QUALIFICATIONS AND INTERVIEW, FOR RECRUITING ONE CONTRACT RESEARCHER, PURSUANT ARTICLE NO. 22 OF ITALIAN LAW N. 240/2010 AND ITALIAN MINISTERIAL DECREE NO. 47/2025 - ACADEMIC RECRUITMENT GROUP 06/MEDS-20 - GENERAL AND SPECIALIST PEDIATRICS AND CHILD NEUROPSYCHIATRY, ACADEMIC DISCIPLINE SSD MEDS-20/B - CHILD NEUROPSYCHIATRY – PROCEDURE CODE BCR03

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Deadline: April 24th 2025

This is an English courtesy summary of the original documentation prepared in Italian language. [Please consider that only the original version in Italian language has legal value \(BCR03\)](#)

Rector Decree	n. 487/ 2025
Position	<p>Procedure Code: BCR03 CUP: J33C25000300006</p> <p>Number of positions: no.1 Duration: 24 months Department: Department of Medicine and Innovation Technology Academic Recruitment Group (GSD): 06/MEDS-20 - General and specialist pediatrics and child neuropsychiatry Academic Discipline (SSD): MEDS-20/B - Child neuropsychiatry Scientific Responsible: Prof. Cristiano Termine Maximum number of published works to be attached in the application: no. 10</p> <p>The interview is scheduled for 7 May 2025 at 03:30 pm and will be held online by Microsoft Teams. The link for the candidates online connection will be specified on the institutional website of the University - section notices and competitions - on the procedure page. The publication of the above exam schedule constitutes official notification for all purposes. The candidate's absence on the day of the oral examination shall be considered as a manifestation of their will to withdraw from the selection procedure.</p>

Title of the project	Specific learning disorders: digital tools for diagnosis and rehabilitation
Description of the research project and the specific functions on which the post-doctoral contract holder will be engaged	<p>Specific learning disorders (SLDs) are neurodevelopmental disorders that affect learning abilities in the context of age-appropriate intellectual functioning. Law 170 of 8 October 2010 entitled “Nuove norme in materia di disturbi specifici di apprendimento in ambito scolastico” (“New regulations on specific learning disorders in the school environment”) recognizes and defines specific learning disorders at a regulatory level as specific conditions linked to a difficulty in acquiring reading, writing and calculation. These disorders, belonging to the macro-category of neurodevelopmental disorders according to the DSM-5 (American Psychiatric Association. Diagnostic and statistical manual of mental disorders – Fifth edition. DSM-5. Tr.it. Milano: Raffaello Cortina, 2014), often coexist with each other or with other disorders such as attention deficit/hyperactivity disorder, language disorders, tic disorders. These difficulties manifest themselves in the first years of schooling, with a poor automation of skills and difficulty in following the school demands, and they can sometimes be accompanied by experiences of low self-esteem and, in general, emotional fragility. SLDs affect everyday life skills such as reading, writing and solving calculations, determining a difficult path to achieve career goals and self-satisfaction (Aro, T. et al. (2022). Learning Disabilities Elevate Children's Risk for Behavioral-Emotional Problems: Differences Between LD Types, Genders, and Contexts. Journal of learning disabilities, 55(6), 465–481. https://doi.org/10.1177/00222194211056297. - McCloskey M, Rapp B. Developmental dysgraphia: An overview and framework for research. Cogn Neuropsychol 2017;34. https://doi.org/10.1080/02643294.2017.1369016. - Macdonald SJ. Biographical pathways into crime: Understanding the relationship between dyslexia and educational disengagement. Disabil Soc 2012;27. https://doi.org/10.1080/09687599.2012.654992).</p> <p>The epidemiological impact of these disorders is high: according to DSM-5, the prevalence of specific learning disorders in the school areas of reading, writing and math is around 5-15% in school age, across different languages and cultures. Considering the prevalence of the disorder and the significative personal and social consequences, it is essential to identify these difficulties as soon as possible, to implement an adequate empowerment of difficulties, with a targeted referral to specialist services. The screening process usually begins at school, in the first years, when children show a delay in learning skills that should be already developed. In this context, some observation protocols, sometimes standardized, can be administered, which suggest evidence of difficulty, even after an adequate empowering phase. About that, in the Lombardy region, the regional early identification project</p>

INDACO is active, approved with the DGR n. 1370 of 20 November 2023. Children who continue to show difficulty in learning are usually referred to child neuropsychiatry services: for this purpose, with the DGR n. 2351 of 20 May 2024, the alliance between the Lombardy region and the Regional School Office was established aimed at developing the UONPIA school network. Furthermore, the SLD Functional Units (SLD FU) were established with the DGR n. 2808 of 22 July 2024, to further support the activities aimed at the early identification of subjects at risk of specific learning disorders. Health care professionals administer several standardized neuropsychological tests to reach the correct diagnosis. Once the clinical diagnosis has been confirmed, with an in-depth analysis of comorbidities, it is essential to start a personalized rehabilitation program, to empower fragilities and, later, to let the child become independent in the use of compensatory tools. This process, however, often becomes rather complex considering that child neuropsychiatry services, responsible for diagnosis and treatment, are often in difficulty due to the large numbers of subjects. Within this framework, the project aims to identify digital tools and define protocols that include them, both in the diagnosis and rehabilitation phases for subjects with SLD, from childhood to early adulthood. The researcher will first have to carry out an analysis of the tools and protocols currently in use and then evaluate the inclusion of suitable methods and tools, appropriately validated, with reference to new technologies. The final goal is to suggest digital tools with solid evidence that can not only support but, at least in part, replace the in-person diagnostic/rehabilitation approach. The possibility of expanding the methods of approaching subjects with SLD, alongside new technologies, is also suggested by the new guidelines (Sistema Nazionale Linee Guida dell'Istituto Superiore di Sanità, "Linee guida: Gestione dei Disturbi Specifici dell'Apprendimento (DSA)," 2021) (National Guidelines System of the Istituto Superiore di Sanità, "Guidelines: Management of Specific Learning Disorders (SLD)," 2021). The first research phase, therefore, involves an investigation of existing literature with regard to diagnostic therapeutic protocols for subjects with SLD. Existing test materials will be investigated, whether in paper or digital format, and the respective domains analyzed regarding the diagnostic phase. About the rehabilitation part, the different treatment methods will be evaluated, also in this case investigating which tools are used in in-person rehabilitation and, instead, which software and/or devices can be used in remote rehabilitation. The researcher will have to evaluate the tools available on the market, but may also contact other research groups, with whom he or she may collaborate; it will also be possible for the researcher to independently develop new digital tools. Once the preliminary analysis phase is concluded, the researcher will then be able to identify which tools could be included in the diagnostic therapeutic protocols, evaluating their effectiveness. In general, it will be useful to

	<p>first structure a testing phase in a small group and, subsequently, on a larger sample, both for diagnosis and treatment, to validate the choice of the tool. About diagnostic tools, it will be possible to investigate the possible equivalence between the administration methods for example of a test that, from paper-pencil, is translated into digital mode: it will therefore be necessary to build study designs that can compare different administration methods. Performance data will be collected during the use of tests, in addition to the evaluation of usability and satisfaction aspects, with the administration of dedicated questionnaires. This path will allow us to identify tools that can be integrated into the diagnostic path and facilitate it, making it easier to take charge of subjects with learning difficulties. With respect to the rehabilitation part, in the same way, it will be essential to identify effective tools that can support the treatment of subjects with SLD: also in this case, it will be necessary to build a study design aimed at measuring and validating the effectiveness of the technological tool. Performance data will be collected; usability and satisfaction will also be evaluated. Finally, with respect to the rehabilitation phase, the duration of the intervention itself must also be evaluated to allow a real impact on the subject's functioning. In conclusion, the research project will allow us to identify technological tools that can be implemented in diagnostic rehabilitative settings, in clinical practice with the aim of optimizing the offer from specialist centers and, at the same time, reaching an ever-increasing number of subjects in difficulty, supporting them in their journey and trying to reduce the secondary effects of SLD.</p>
Salary	<p>The salary is in accordance with the provisions of the D.P.R. 15th December 2011, n. 232 (Regulation for professors and researchers' salaries).</p> <p>The salary for research contract amounts to Euro 38.986,47 per year, gross to the recipient.</p>
Admission requirements	<p>Candidates holding a PhD or equivalent qualification, obtained in Italy or abroad, or for sectors interested, Italian medical specialization, on the closing date for applications are eligible for selection.</p> <p>Candidates enrolled in the final year of a doctoral course or the final year of Italian medical specialization course may also be admitted to the selection, provided that the degree is expected to be obtained by the mandatory deadline of May 14th 2025, in order to allow the contract to be signed and the activities to be started by the deadline set out in Italian Directorial Decree no. 47/2025 (May 15th 2025).</p> <p>Other requirements required:</p> <ul style="list-style-type: none"> - candidates must have completed a period of training and research abroad, of at least 3 months, exclusively during the doctoral period

	<p>and before its conclusion. In the case of a PhD completed abroad, the requirement is fulfilled.</p> <ul style="list-style-type: none"> - candidates who fall within the definition of "young researcher" can participate in the selection as specified in Article 1, paragraph 8 of the Italian Decree for the recruitment of international postdoctoral researchers, No. 47/2025, by the Ministry of University and Research - General Secretariat - Directorate General for Internationalization and Communication, are eligible to participate in the selection, as specified below: <ul style="list-style-type: none"> - on February 20th 2025 have not reached the age of 41; or alternatively - on February 20th 2025 have not up to a maximum of 46 and have obtained the PhD no more than seven years ago (after February 20th 2018, and who meet one or more of the following conditions: <ul style="list-style-type: none"> - need to acquire initial experience as a fund manager and/or manager of research activities; - need to acquire experience in leadership and team management at the national and/or international research team; - not have or have had before winning the European grant, a permanent Full-Time Equivalent (FTE) position as a researcher and/or tenured professor. <p>Candidates who find themselves in one or more of the following situations are excluded from participation in the selection procedure:</p> <ol style="list-style-type: none"> 1. Those who are not entitled to exercise civil and political rights; 2. Those who have been dismissed or relieved from office with a Public Administration for consistently poor performance or declared lapsed for having obtained the appointment or hiring through the production of false or invalid documents or dismissed; 3. Those who have a tenured position at a university, public research institution or an institution whose scientific specialization diploma has been recognized as equivalent to a PhD, in accordance with art.74 of Italian Presidential Decree of July 11 1980, no.382; 4. Those who have served on a permanent basis as professors of I and II level and university researchers even if no longer in service; 5. Those who have a degree of kinship or affinity up to and including the fourth degree with a professor belonging to the Department proposing the activation of the contract or to the Rector, the General Director or a member of the Board of Governors of the University; 6. Those who have used fixed-term researcher contracts pursuant to Article 24 of Italian Law 240/2010. <p>This Administration guarantees fairness and equal opportunity to men and women in access to employment and employment conditions.</p>
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<p>Application for the selection procedure</p>	<p>To participate in the selection, candidates must submit their application only using the procedure available on the web at: https://pica.cineca.it/uninsubria/ otherwise they will be excluded from the selection.</p> <p>The application may be filled via web using any computer with Internet connection within the deadline (April 24th2025). You need to complete the application by completing all required fields and attaching all required files.</p> <p>The application form, which has to be signed, under penalty of exclusion.</p> <p>Candidates are responsible for ensuring that their application contains the following information:</p> <ol style="list-style-type: none"> 1. name and surname, date and place of birth. 2. citizenship. 3. that they have not been convicted of a crime nor are they aware of being subject to criminal proceedings or of any pending criminal proceedings against them. 4. that they enjoy full political rights, giving the name of the municipality whose electoral roll they are registered on to vote, or the reasons for which they are not registered or for which they have been removed from the roll; candidates who are citizens of foreign countries must declare that they enjoy full political and civil rights in their home country or declare the reason why they do not enjoy these rights; 5. that they have not been dismissed from office with a Public Administration for consistently poor performance nor from a civil service job in accordance with Art. 127, section (d) of Pres. Decree 3/.1957; 6. domicile (address, phone number email or pec address) that they choose for the purposes of the application 7. that they are not related by blood up to the “fourth degree of kinship” (as understood in Italian, e.g. up to cousins and cousins of the candidate’s spouse) to the Rector, the university’s Managing Director, a member of the university’s Board of Governors or a Professor working at the Department that proposed the activation of the contract; 8. that they are in possession the requirements admission selection call; 9. that they not be employed on a permanent basis at a university, public research institution or an institution whose scientific specialization diploma has been recognized as equivalent to a PhD, in accordance with art.74 of Italian Presidential Decree no. 382/1980; 10. that they have not been employed on permanent positions as full and associate professors or as researchers (even if no longer in service);
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	<p>11. that they have used fixed-term researcher contracts pursuant to Article 24 of Italian Law 240/2010;</p> <p>12. to be aware that all communications to candidates will take place by publication on the institutional website of the University and that such publication has the value of notification to all intents and purposes.</p> <p>Candidates with disabilities must state in their application the support service needed, in relation to their handicap, as well as the possible need for additional time for the completion of tests, pursuant to Law no. 104/1992.</p> <p>Candidates should attach:</p> <p>13. copy of a valid identity document (either Identity Card or Passport);</p> <p>14. copy of Italian fiscal code (if available);</p> <p>15. project proposal relating to the development of the research project on which the post-doc candidate will be involved and for which the procedure has been activated (the document must contain max 5000 characters including spaces);</p> <p>16. curriculum vitae, in Italian or English, duly dated and signed, which clearly shows the scientific-professional activity suitable for carrying out the research activity which is the object of the contract;</p> <p>17. declaration in lieu of affidavit attached outline “annex A”, duly dated and signed, which certifies that every information in the CV is true;</p> <p>18. any further documentation to supplement the curriculum vitae deemed useful for the purposes of the evaluation (max. 30 MB);</p> <p>19. publications in pdf format relevant for the selection procedure within the maximum limit provided for the position;</p> <p>20. just in case of PhD awarded abroad, declaration of the “equivalence” with the Italian PhD; if not attach a copy of the qualification accompanied by a translation into Italian or English, the diploma supplement or the description of local value drawn up by the competent diplomatic or consular representation or the transcripts of the exams taken;</p> <p>21. just in case of registering in the final year of PhD or the Italian medical specialization attach a certificate of enrollment showing the expected date of achievement of the qualification and the transcript of the exams taken.</p> <p>For the PhD title obtained abroad, the judging committee will assess the equivalence of the degree acquired or in the process of being acquired, for the purposes of the procedure.</p>
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Scientific Publications	<p>Candidates must upload their publications in .pdf of the capacity of 30 MB each one. If your publication exceeds 30 MB, you can split it following the number order in your publications list (attached B) e.g. publication n. 1 – title – part n. 1 etc.</p> <p>Published works not uploaded within the closing date shall not be taken into consideration by the Examining Board.</p> <p>If a candidate presents more publications than required, the Examining Board will evaluate the publications them according to the order of insertion, up to the limit provided. For the purposes of this selection procedure only published works or texts accepted for publication as provided under current standards shall be accepted for evaluation, along with essays in anthologies and journal articles published in hard copy or digital format excluding internal notes or departmental reports. Publications must take into account the current legislation regarding editorial activity and copyright.</p> <p>The doctoral thesis or equivalent qualifications are taken into consideration even in the absence of such conditions. If the candidate intends to present it, he/she must count it in the maximum limit of publications, where provided for in Annex 1a for the procedure in which he/she intends to participate.</p> <p>Publications must be edited in italian, french, english, german and spanish. In case of procedures in linguistic subjects, it is also admitted the relative language mentioned in the announcement.</p> <p>The University can carry out controls and ask for the original papers and publications.</p> <p>It is the candidate's responsibility to ensure, before completing the application, that all qualifications and publications have been uploaded by checking the "Attachments" section of the PICA online procedure</p>
Exclusion from the competition	<p>Candidates are conditionally admitted to the selection procedure. The exclusion, due to lack of the requirements on the expiry date, can be ordered at any time. The exclusion is ordered by motivated Rector's decree and is notified to the person concerned.</p>
Examining Commission	<p>The Commission is identified in accordance with the provisions of the University Regulation governing the public selection procedures for research contract and is appointed by a Rector's Decree, published online on the University website.</p> <p>The Commission is composed of three members active in the research area which include the Academic Recruitment Field in this selection procedure.</p> <p>Gender representation should be normally guaranteed in the establishment of the commission, in accordance with the Recommendation of the Commission of the European Communities</p>

	<p>n. 251/2005 (on the European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers).</p> <p>For further details please see the original Italian version of the announcement.</p>
Elements subject to evaluation and scores	<p>a) Admission requirements by the candidate, if additional to the qualification required for access to the selection process: maximum 10 points</p> <p>b) adherence, quality, originality, and innovation of the project proposal requested by the call with reference to the research project proposed to the object of the selection: maximum 30 points</p> <p>c) relevance of scientific and professional curriculum vitae of the qualifications, of the research activities previously carried out as well as of any work experiences, in relation to the contents of the research project being selected: maximum 20 points</p> <p>d) relevance of the scientific publications attached to the research program being selected: maximum 10 points</p> <p>e) interview to ascertain the suitability for carrying out the research activity covered by the contract and for the implementation of the project proposal presented, as well as any assessment of knowledge of the English language: maximum 30 points</p>
Financial coverage	<p>fondi PNRR - M4C2 - Investimento 1.2 - Progetti di ricerca di giovani ricercatori - D.D. MUR 47/2025</p>
Further information	<p>If you need further information, do not hesitate to contact us: e-mail: servizio.docenti@uninsubria.it indicating in the subject: research contract and the procedure code.</p> <p>phone numbers: +39 031 2389431/2389432/2389435/2389436</p>
University Regulation	<p><u>Regolamento per il reclutamento di ricercatori a tempo determinato ai sensi dell'art. 22 della legge n. 240/2010</u></p>