



UNIVERSITÀ  
DEGLI STUDI DI TRIESTE

Rettorato e Direzione Generale  
Sezione Ricerca e Dottorati  
Ripartizione Dottorati

LAST REVISED 27/06/2014

PhD IN  
REPRODUCTION AND DEVELOPMENTAL SCIENCES

**NOTE:** This attachment provides only partial information. Exhaustive information, including how to register for the selection, is published in the Admission Announcement posted in the web page <http://www2.units.it/dott/en/> >> Admission Announcement.

<b>Deadline for online application</b>	<b>21 August 2014 11:30 a.m. (ITALIAN TIME)</b>
<b>Deadline for paying the exam registration (application) fee</b>	<b>21 August 2014</b>
<b>Deadline for submitting qualifications and publications plus the form <i>Integration to the Application</i></b>	<b>03 September 2014 11:30 a.m. (ITALIAN TIME)</b>
<b>Deadline for completion of the degree required for admission</b>	<b>31 October 2014</b>
<b>Oral examination/interview</b>	<b>15 September 2014 09:30 a.m. (ITALIAN TIME)</b>
<b>Documents required</b> <i>(for further details see below "Weighting of the qualifications")</i>	<ol style="list-style-type: none"><li>1. Form "Integration to the application";</li><li>2. Research project: Students also have to submit a research program by filling in the form which can be downloaded from the Doctorate website (<a href="http://www.pediatria.univ.trieste.it/dotmi">http://www.pediatria.univ.trieste.it/dotmi</a>) or else requested by email to (<a href="mailto:domenico.teclazich@burlo.trieste.it">domenico.teclazich@burlo.trieste.it</a> or <a href="mailto:decorti@units.it">decorti@units.it</a>). If the "Research project" form is duly filled and submitted, the candidate will not be considered eligible for the oral examination.</li><li>3. The following documents:<ol style="list-style-type: none"><li>a. detailed <i>curriculum vitae et studiorum</i>, with a special focus on pre-PhD activities, including a list of exams taken and marks obtained</li><li>b. full text or abstract of the degree thesis</li><li>c. publications</li></ol></li></ol>



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IN BRIEF		
<i>Lines of research</i>		1 Clinical epidemiology
		2 Molecular genetics
<i>Administrative location</i>		University of Trieste
<i>Organizing Department</i>		Department of Medicine, Surgery and Health Sciences
<i>Partner University Department</i>		Department of Life Sciences
		Department of Humanities
<i>Duration</i>		3 years
<i>Maximum number of months to be spent abroad by each PhD student</i>		maximum 18
<i>Official language</i>		italian
<i>Language (alternative to Italian) partially used in PhD activities</i>		Many PhD activities are carried out in English, namely workshops and the journal club
<i>Subject Area</i>	<i>main</i>	06
	<i>others</i>	05, 11/A
<i>Macro Research Fields</i>	<i>main</i>	06/G
	<i>others</i>	05/I, 06/H, 05/G, 06/M, 11/D, 06/A
<i>Scientific Disciplinary Sector</i>	<i>main</i>	MED/38
	<i>others</i>	MED/03, MED/40; BIO/14, MED/07, M-PED/04, MED/42, MED/17
<i>Domain European Research Council</i>		LS
<i>ERC Panels</i>	<i>main</i>	LS7
	<i>others</i>	LS2, LS6, SH4
<i>Erasmus Subject Area Codes</i>		12.1, 12.5, 12.7, 13.1, 13.4, 14.4
Information on the codes can be found online at: <a href="http://www2.units.it/dott/en/?file=DottBandi.inc">http://www2.units.it/dott/en/?file=DottBandi.inc</a> >> Admission Announcement and relative attachments (...) >> <b>"Labelling"</b> (file.xls)		



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PLACES, SCHOLARSHIPS, RESEARCH GRANTS AVAILABLE				
<i>Total number of places available (excluding R/2 R/3 – see below)</i>		<b>11</b>		
<i>without scholarship</i>		<b>4</b>		
<i>with scholarship</i>		<b>7</b>	<b>N.B.:</b> Candidates who accept an earmarked scholarship are committed to the pre-assigned topic.	
<i>Scholarships/Research grants available with indication of the code, total number and funding body</i>	D/1	1		Department of Life Sciences funded by the research contract entitled to “Eminente Studiosa prof. M. Cinco”
	D/2-3	2		Department of Medicine, Surgery and Health Sciences funded by IRRCS Burlo Garofolo
	D/4	1		Department of Medicine, Surgery and Health Sciences funded by IRRCS Burlo Garofolo + Dep. of Medicine, Surgery and Health Sciences funded by Prof. A. Ventura
	D/5	1		Department of Medicine, Surgery and Health Sciences funded by “ABC associazione per i bambini chirurgici del Burlo onlus”
	M/6	1		University of Trieste
	G/7	1		MIUR “Progetto Giovani Ricercatori” project “ <i>Human Health</i> ”
<i>Reserved places with scholarships/research grants available for graduates at universities abroad [R/1] with indication of the code, total number and funding body</i>	R/1	0	--	
<i>Reserved places with no PhD scholarship provided</i>	R/2	<b>0</b>	Scholarships funded by foreign Countries	
	R/3	<b>0</b>	Scholarships funded by international mobility programmes	
<i>PhD students from foreign universities may be admitted with a joint supervision of their thesis</i>			yes	
<i>Erasmus Mundus PhD students from foreign universities may be admitted on a joint supervision of their thesis</i>			yes	
<i>Erasmus Mundus PhD students from foreign universities may be admitted on international mobility programmes</i>			yes	



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THE SELECTION PROCEDURE										
<p><i>Academic qualification required: see Announcement: see Announcement (art. 2 - Requirements)</i></p>	<p>Italian Master's Degree "Laurea Specialistica/Magistrale" or Degree awarded prior to approval of Ministerial Decree D.M. n. 509 of 3 November 1999, updated with D.M. n. 270 of 22 October 2004, n. 270, (or a qualification corresponding to a Master's -second level- degree)</p> <p>An equivalent foreign academic qualification awarded abroad</p> <p>An academic qualification awarded abroad which is considered to be equivalent to the Italian degree that allows the holder to undertake PhD studies for duration, level and area of study</p>									
<p><i>Deadline for completion of the Degree required for admission</i></p>	<p><b>31 October 2014</b></p>									
<p><i>Assessment criteria</i></p>	<p>qualifications + oral examination/interview</p>									
<p><i>Maximum final score (the final score is based on the sum total of marks obtained in the interview plus the points given for qualifications and publications)</i></p>	<p>100/100</p>									
<p><i>Minimum final score required for eligibility</i></p>	<p>60/100</p>									
<p><i>Maximum score awarded for qualifications+publications</i></p>	<p>40/40</p>									
<p><i>Minimum score required for qualifications+publications</i></p>	<p>24/40</p>									
<p><b>Weighting of the qualifications</b> <b>Unless the form "Integration to application" is presented, qualifications and publications cannot be assessed by the Examining Board. The form is available at:</b> <a href="http://www2.units.it/dott/en/?file=DottBandi.inc&amp;cod=1010">http://www2.units.it/dott/en/?file=DottBandi.inc&amp;cod=1010</a></p>	<table border="0"> <tr> <td style="vertical-align: top;">a</td> <td>detailed <i>curriculum vitae et studiorum</i>, with a special focus on pre-PhD activities, including a list of exams taken and marks obtained</td> <td style="text-align: right; vertical-align: top;">16/40</td> </tr> <tr> <td style="vertical-align: top;">b</td> <td>full text or abstract of the degree thesis</td> <td style="text-align: right; vertical-align: top;">12/40</td> </tr> <tr> <td style="vertical-align: top;">c</td> <td>publications</td> <td style="text-align: right; vertical-align: top;">12/40</td> </tr> </table>	a	detailed <i>curriculum vitae et studiorum</i> , with a special focus on pre-PhD activities, including a list of exams taken and marks obtained	16/40	b	full text or abstract of the degree thesis	12/40	c	publications	12/40
a	detailed <i>curriculum vitae et studiorum</i> , with a special focus on pre-PhD activities, including a list of exams taken and marks obtained	16/40								
b	full text or abstract of the degree thesis	12/40								
c	publications	12/40								
<p>If the degree score is not out of 110 it will be converted. Undergraduates will be assigned a score out of 110 based on the average of their exams (provided they submit an official transcript)</p>										
<p><i>Oral examination/interview score out of – maximum score</i></p>	<p>60/60</p>									
<p><i>Oral examination/interview score out of – minimum score</i></p>	<p>36/60</p>									
<p><i>Deadline for submitting qualifications and publications</i></p>	<p><b>03 September 2014</b></p>									
<p><i>Qualifications and publications shall be submitted:</i> <i>(art. 5.1.4 of the PhD Announcement)</i></p>	<p><b>- as an attachment to the online admission application (upload), deadline 11:30 a.m. Italian time</b></p> <p>only for publications that are voluminous or not available in electronic format, as long as they are listed in the form "Integration to application" (digital format preferable): by e-mail before midnight (ITALIAN TIME) <a href="mailto:decorti@units.it">decorti@units.it</a> or <a href="mailto:domenico.tecilazich@burlo.trieste.it">domenico.tecilazich@burlo.trieste.it</a> or by post to prof. Giuliana Decorti, Department of Life Sciences, Via A. Fleming 22, 34127 Trieste</p>									



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<i>Examination schedule</i>	<i>Oral examination/interview</i>	<b>15 September 2014 at 09:30 a.m. (ITALIAN TIME)</b> , "Aula Magna" - I.R.C.C.S. Burlo Garofolo, Via dell'Istria 65/1 – 34137 TRIESTE
	<i>Language(s) of the interview</i>	Italian and english
	<i>Language(s) tested in the oral examination/interview</i>	english
	<i>CEFR (Common European Framework of Reference for Languages)</i>	B2
	<i>Videoconference interview</i>	Upon request from the candidate, the interview may be carried out through videoconference, with the same schedule (check 6.2 Admission Announcement)

<b>WHO'S WHO</b>	
<i>Chair</i>	Prof. Giuliana DECORTI – Department of Life Sciences - Via Fleming, 22 building. FC - TRIESTE – phone N. 040/558.8777; fax: 040/558.2134; email <a href="mailto:decorti@units.it">decorti@units.it</a>
<i>Vice</i>	Prof. Alessandro VENTURA – Department of Medicine, Surgery and Health Sciences – Via dell'Istria, 65 - TRIESTE – phone N. 040/3785315, email <a href="mailto:alessandro.ventura@burlo.trieste.it">alessandro.ventura@burlo.trieste.it</a>
<i>Web site</i>	<a href="http://www.pediatria.univ.trieste.it/dotmi/">www.pediatria.univ.trieste.it/dotmi/</a>
<i>Learning outcomes</i>	<p>The aim of the Doctorate in Sciences of Reproduction and Development is to provide an interdisciplinary and, when possible, international academic professional training program, aimed at preparing highly qualified researchers in the field of biomedical sciences and, particularly, in the maternal and newborn child health area. The School mission is to form practitioners able to represent in the future the staff of Universities, IRCCS (Scientific Research Institutes) and other Biomedical Research Institutes and Industries. The Doctorate makes also available the opportunity to be trained in international cooperation research programs in the development of emerging countries. The training program consists of two research areas: Clinical epidemiology and Molecular genetics. The purpose of the Clinical epidemiology school is to form researchers in the biological and medical field able to carry out clinical trials, to validate new guidelines, to propose innovative therapeutic and diagnostic approaches. Aim of the school is also to train researchers to relieve necessity of people and perform epidemiological surveys to assess the health effects of preventive measures.</p> <p>The Molecular genetic path has the purpose to form qualified experts in different fields of research (basic and applied), diagnostics and personalized treatments, able to communicate and interact with clinical environment, and finalizing their experience to care needs.</p>
<i>Job placement opportunities</i>	<p>The Doctorate in Sciences of Reproduction and Development forms highly specialized experts that, thanks to the multidisciplinary nature of the skills involved, the high level of theoretical and practical training and collaborative relationships with prestigious national and international institutions, will find a place of employment in medical specialties, molecular biological and educational fields.</p> <p>The main areas of employment are:</p> <ul style="list-style-type: none"> <li>- Clinical facilities with special vocation for research (university hospitals and IRCCS)</li> <li>- Public and private biomedical research institutes</li> </ul>



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	<ul style="list-style-type: none"><li>- Institutions that conduct research in the social field (health advisories, schools, etc.)</li><li>- Ethics committees Besides the possibility of employment in public and private health care facilities, national and international, PhD students will be employed in hospitals and institutions of our region, responding to an important objective of III level formation, to provide, to the territory in which the University acts, a highly qualified staff.</li></ul>
<i>Main cooperating international Universities and Research Institutions</i>	<ol style="list-style-type: none"><li>1 Sanger Wellcome Trust Institute, Cambridge (UK),</li><li>2 Centre for Genomic Regulation (CRG), Barcellona, Spagna</li><li>3 Department of Pharmaceutical Sciences, St Jude Children's Research Hospital, Memphis, USA.</li><li>4 Ospedale Divina Provvidencia, Luanda, Angola</li><li>5 Faculdade Pernambucana de Saude, Instituto de Medicina Integral Prof Fernando Figuera (IMIP), Recife, Brasile</li></ol>