



# UNIVERSITÀ DEGLI STUDI DI TRIESTE

Rettorato e Direzione Generale  
Sezione Ricerca e Dottorati  
Ripartizione Dottorati

LAST REVISED 02/12/2012

## DOCTORAL SCHOOL IN SCIENCES OF REPRODUCTION AND DEVELOPMENT

**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/dottorati/> >> Admission Announcement.

Deadline for online application

17 December 2012 at 11.30 a.m. CET

### GENERAL DESCRIPTION

LOCATION: Trieste

ORGANIZING DEPARTMENT: Dipartimento Univ. Clinico Sc. Mediche, chirurgiche e della salute

PARTICIPATING DEPARTMENTS (Università di Trieste)

- Dipartimento di Scienze della Vita
- Dipartimento di Studi Umanistici

PARTICIPATING DEPARTMENTS (Università degli Studi di Brescia)

- Dipartimento di Materno-infantile e tecnologie biomediche

PARTICIPATING DEPARTMENTS (Università degli Studi di Torino)

- Dipartimento di Scienze pediatriche e dell'adolescenza

ITALIAN PARTNER UNIVERSITIES:

- Università degli Studi di Brescia
- Università degli Studi di Torino

FOREIGN PARTNER UNIVERSITIES: Faculdade Pernambucana de Saude Istituto de medicina integral "prof Armando Figuera" – Recife (Brazil)

DURATION: 3 years

MAXIMUM NUMBER OF MONTHS TO BE SPENT ABROAD: 18

OFFICIAL LANGUAGE OF THE SCHOOL: Italian

### INFORMATION RELEVANT TO ALL THE CURRICULA

ACADEMIC QUALIFICATIONS REQUIRED: See Announcement (Art. 1.1 - Requirements)

DEADLINE FOR COMPLETION OF DEGREE: ..... **14.01.2013**

ASSESSMENT CRITERIA: qualifications + interview

- 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: .....100/100

MINIMUM FINAL SCORE REQUIRED: .....66/100

- MAXIMUM NUMBER OF POINTS AWARDED FOR QUALIFICATIONS + PUBLICATIONS: .....40

QUALIFICATIONS REQUIRED/RELATIVE WEIGHT:

- Art. 11 Rules for Doctorates: all candidates are required to present the following documents, regardless of whether or not a score is assigned to them (see

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below):

a. a detailed curriculum vitae et studiorum: from 7/40 to max 12/40

b. a copy of the Master's degree thesis: from 2/40 to max 12/40

For students with a degree awarded by a non-Italian university, an abstract of the thesis in English or Italian is sufficient. Students also have to submit a research program by filling in the form which can be downloaded from the Doctorate website

([http://www.pediatria.univ.trieste.it/dotmi/download\\_varie.htm](http://www.pediatria.univ.trieste.it/dotmi/download_varie.htm)) or else requested by email to [ventura@burlo.trieste.it](mailto:ventura@burlo.trieste.it) )

as well as

1. publications (already published or accepted for publication): max 12/40

2. other qualifications (to be detailed): max 4/40

- Qualifications List (unless this form is submitted, qualifications and publications CANNOT be assessed by the Examining Board)

MINIMUM SCORE REQUIRED FOR QUALIFICATIONS/PUBLICATIONS: .....24/40

- ORAL EXAMINATION MARK OUT OF: .....60

MINIMUM SCORE REQUIRED FOR INTERVIEW: .....42/60

ABSOLUTE DEADLINE FOR RECEIVING CERTIFICATES: ..... **14.01.2013**

ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: only in hard copy (on paper) by mail or in person to Segreteria Clinica pediatrica - Ospedale IRCCS Burlo Garofolo - via dell'Istria 65/1 – 34137 Trieste. Emails will not be accepted.

EXAMINATION SCHEDULE:

- ORAL INTERVIEW: **21.01.2013 at 10.00** a.m. in the Pediatric Clinic library at Burlo Garofolo Hospital- via dell'Istria 65/1 – 34137 Trieste

ALTERNATIVE LANGUAGE TO ITALIAN FOR THE INTERVIEW: English

CEFR LEVEL: C1

NOTE: APPLICANTS FOR BOTH CURRICULA NEED ONLY TO PAY ONCE. They can therefore pay according to the announcement provisions (see Article 3), indifferently for any one of the two curricula they are applying for.

## CONTACT INFORMATION

DIRECTOR OF THE SCHOOL: Prof. Alessandro VENTURA – Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.315; fax 040/3785.362; email [ventura@burlo.trieste.it](mailto:ventura@burlo.trieste.it)

VICE-DIRECTOR: Prof. Paolo GASPARINI– Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.275, email [pgasparini@units.it](mailto:pgasparini@units.it)

WEB SITE: <http://www.pediatria.univ.trieste.it/dotmi>

SCIENTIFIC PROJECT: The aim of the School of Doctorate in Sciences of Reproduction and Development, under the aegis of Department of Medical, Surgery and Health Sciences, is to offer an interdisciplinary and, when possible, international academic professional training program. Its objective is to offer an

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interdisciplinary and international education directed towards the training of 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 others Biomedical Research Institutes. The Doctorate makes also available the opportunity to attend international cooperation research programs among developing countries.

Two main courses are provided: The School of molecular genetics has the purpose to form experts in the different fields of the individualized diagnostic and therapeutic approaches, of multi disciplinary interrelations with particularly attention to advanced and experimental treatment options.

The purpose of 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 to evaluate epidemiological data assessing effects on health measures of prevention.

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## CURRICULUM: CLINICAL EPIDEMIOLOGY

### GENERAL DESCRIPTION

SUBJECT AREAS COVERED BY THE CURRICULUM:

- main area: MED/38
- other areas: BIO/14, MED/03, MED/39, M-PED/03, MED/40, M-PED/04, MED/47, MED/42

RESEARCH FIELDS:

- 1 Educational and psychosocial relational issues
- 2 Preventive and social medicine
- 2 Obstetrics and gynaecology
- 3 Perinatology and pediatrics
- 4 Rare disorders

### ADMISSION INFORMATION

NUMBER OF PLACES AVAILABLE: ..... 3  
- SCHOLARSHIPS: ..... 0

### CONTACT INFORMATION

CURRICULUM SUPERVISOR: Prof. Secondo GUASCHINO – Unità clinica operativa di Ginecologia e Ostetricia – Via dell'Istria, 65 - TRIESTE - tel. +39 040/3785.352 fax 040/761266; email [guaschin@burlo.trieste.it](mailto:guaschin@burlo.trieste.it)

VICE: Prof.ssa Tiziana FRUSCA – Clinica Ostetrica e Ginecologica – Università degli studi di Brescia - email [frusca@med.unibs.it](mailto:frusca@med.unibs.it)

EDUCATIONAL AIMS AND RESEARCH TOPICS: 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 to evaluate epidemiological data assessing effects on health measures of prevention.

The main research fields are the following:

- Psychophysical and educational development from birth to adolescence and reproductive era
- Prevention of neurological disability and development disorders
- Physiopathology of reproduction
- Epidemiology and clinical basis of health assistance. Experimentation of protective intervention on perinatology determinants in development disorders.
- Prevention on obstetric health and neonatology assistance.
- Epidemiology of infancy necessity
- Reproduction disorders and its epidemiological, clinical and molecular determinants.
- New approaches to the diagnosis and to the treatment of inflammatory and immunological chronic diseases.
- Prevention and obstetric health in perinatology with specific attention to preventive aspects and relationship between children and their parents.

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- Neuro- and physical development.
- Social and education issues from birth to adolescence.
- Quality of life and treatment of patients affected by chronic disease.
- Assessment of criticisms of health assistance, technological progress and outcome of children born from artificial fecundation.

The specificity of the Clinical Epidemiology School may be considered similar to the Residency in Pediatrics, Gynecology and Infantile Neuropsychiatry.

Research and formation activities will be held to the IRCCS Burlo Garofolo of Trieste, but also in the co-operating centers placed in the University of Turin and Brescia; in Angola and Brasil in the field of international cooperation programs. More exchange programs are active in Baltimore and Chicago.

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