

**DOCTORAL SCHOOL IN
SCIENZE DELLA RIPRODUZIONE E DELLO SVILUPPO**

GENERAL DESCRIPTION

SUBJECT AREAS:

- main area: MED/38
- other areas: MED/40; MED/39; M-Ped/03; M-Psi/04

ORGANIZING DEPARTMENT: Dip. di Scienze della Riproduzione e dello Sviluppo

OTHER DEPARTMENTS: -- Dip. della Formazione e dell'Educazione
- Dip. di Psicologia

ITALIAN PARTNER UNIVERSITIES: - Università degli Studi di Torino
- Università degli Studi di Brescia

PROGRAMME LENGTH IN YEARS: 3

MAXIMUM PERIOD OF STUDY ABROAD IN MONTHS: 18

OFFICIAL LANGUAGE OF THE SCHOOL: Italian

ACADEMIC QUALIFICATION REQUIRED: see Announcement (art. 1-Requirements)

DEADLINE FOR COMPLETION OF DEGREE BEFORE APPLICATION:..... 22.11.2009

ADMISSION REQUIREMENTS: qualifications + written examination + oral interview.

FINAL SCORE: the final score is obtained by combining the scores of the written and oral part of the examination and of the score attributed to the qualifications:..... 120/120

FINAL SCORE (MINIMUM REQUIRED):..... 72/120

SCORE ATTRIBUTED TO THE QUALIFICATIONS: 40/40

QUALIFICATIONS REQUIRED (RELATIVE WEIGHT):

Art. 11 University Rules for Doctorates:

- a. a detailed curriculum vitae et studiorum: up to 10/40
- b. a copy of the master's degree thesis or an abstract in English or in Italian: up to 10/40
A detailed research proposal may be required.

as well as

1. full text scholarly publications: up to 10/40
2. other qualifications (i.e. academic, professional, certified skills, research projects) (cf regolamento generale d'Ateneo – art. 11, comma 6): up to 10/40

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

WRITTEN EXAMINATION SCORE (EXPRESSED AS A PERCENTAGE): 40/40

MINIMUM SCORE REQUIRED FOR THE WRITTEN EXAMINATION :..... 24/40

ORAL INTERVIEW SCORE (EXPRESSED AS A PERCENTAGE):..... 40/40

MINIMUM SCORE REQUIRED FOR THE ORAL INTERVIEW:..... 24/40

DEADLINE FOR RECEIVING CERTIFICATES: 22.11.2009

ADDRESS TO WHICH CERTIFICATES SHOULD BE SENT: Segreteria Dip. SRS.

EXAMINATION SCHEDULE:

- WRITTEN EXAMINATION: 23.11.2009 at 09.00 a.m. Aula B del Dipartimento SRS Burlo Garofolo, via Dell'Istria, 65/1 – TRIESTE

POSSIBLE ALTERNATIVE LANGUAGE TO THE ITALIAN FOR THE WRITTEN EXAMINATION: English, Portuguese

- ORAL INTERVIEW: 23.11.2009 alle ore 13.00 p.m. Aula B del Dipartimento SRS Burlo Garofolo, via Dell'Istria, 65/1 – TRIESTE

LANGUAGE/S OTHER THAN THE ITALIAN FOR THE ORAL INTERVIEW: English, Portuguese

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; e-mail ventura@burlo.trieste.it

VICE-DIRECTOR: Prof. Paolo GASPARINI – Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.275, e-mail pgasparini@units.it

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

OVERVIEW: The School of Doctorate in Sciences of Reproduction and Development belongs to the homonymous Department. Its objective is to offer an interdisciplinary and international university 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 professionals able to represent in the future the staff of the 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.

Please note that applicants for all three curricula have to pay only once (cf art. 3 Application)

1. INDIRIZZO: GENETICO MOLECOLARE

GENERAL DESCRIPTION

SUBJECT AREAS:

- main area: MED/03
- other areas: MED/38; MED/40

FIELDS OF RESEARCH:

- 1 Pharmacological treatment aspects in childhood with particularly interest in pharmacokinetics and pharmacogenetic.
- 2 Translational biomedical research among rare disorders, chronic diseases and malignancies in childhood.

ADMISSION INFORMATION AND REQUIREMENTS

PLACES AVAILABLE: 6

SCHOLARSHIPS: 3

FUNDING BODIES:

- MIUR "Giovani Ricercatori (finalizzata al Progetto "Approcci cellulari alla terapia delle malattie autoimmuni intrattabili") 1
NOTA: Please note that this scholarship does not ensure extra funding for periods abroad.
- Dip. di Universitario Clinico di Scienze della Riproduzione e dello Sviluppo su fondi Clinica Pediatrica dell'Università degli Studi di Brescia (finalizzata al Progetto "Studio genetico molecolare delle immunodeficienze primitive con possibili sviluppi di terapie avanzate") 1
Dip. di Universitario Clinico di Scienze della Riproduzione e dello Sviluppo su fondi IRCCS Burlo Garofolo (finalizzata al Progetto "Basi molecolari delle piastrinopenie ereditarie") 1

-NON-FUNDED PLACES

- research grant-holders: 1
- grant-holders funded by the Italian Ministry of Foreign Affairs permitted to sit the entrance examination in the country of origin 1
non-EU citizens resident abroad 1

CONTACT INFORMATION

CHAIR: Prof. Paolo GASPARINI– Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.275, e-mail pgasparini@units.it

DEPUTY CHAIR: Prof. Alessandro PLEBANI – Dip. Materno infantile e tecnologie biomediche – Università degli studi di Brescia - tel. 030/301152; e-mail plebani@med.unibs.it

OVERVIEW

The molecular genetics course of study has the purpose to form experts in the different fields of the personalized diagnostic and therapeutic approaches, of multidisciplinary interrelations with particularly attention to advanced and experimental treatment options

2. INDIRIZZO: MEDICINA MATERNO INFANTILE PERINATOLOGIA

GENERAL DESCRIPTION

SUBJECT AREAS:

- main area: MED/38; MED/40
- other areas: MED/03; MED/39; M-Ped/03; M-Psi/04

FIELDS OF RESEARCH:

- 1 Obstetric, neonatal and perinatal health with particularly attention in preventing disability and relationship between parents and impaired children.
- 2 Reproduction Physiopathology, Infertility and Medically Assisted Procreation Methods.
- 3 New therapeutic approaches in the treatment of pediatric rare disorders. Diagnostic and guidelines development; clinical trials applications.

ADMISSION INFORMATION AND REQUIREMENTS

PLACES AVAILABLE: 4

SCHOLARSHIPS 2

FUNDING BODIES:

- Università degli Studi di Trieste 1
- Dip. di Universitario Clinico di Scienze della Riproduzione e dello Sviluppo su fondi Clinica ostetrico

ginecologica dell'Università degli Studi di Brescia (finalizzata al Progetto "Ruolo del monitoraggio clinico ed ecografico nella gravidanza gemellare monooriale")..... 1

NON-FUNDED PLACES

- research grant-holders:..... 1
- grant-holders funded by the Italian Ministry of Foreign Affairs permitted to sit the entrance examination in the country of origin..... 1
- non-EU citizens resident abroad:..... 1

CONTACT INFORMATION

CHAIR: Prof.ssa Tiziana FRUSCA – Clinica Ostetrica e Ginecologica – Università degli studi di Brescia - e-mail frusca@med.unibs.it

DEPUTY CHAIR: Prof. Secondo GUASCHINO – Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.352 fax 040/761266; e-mail guaschin@burlo.trieste.it

OVERVIEW: The purpose of the Maternal, Fetal, Perinatal and Pediatric Medicine course of study is to form researchers able to carry out clinical trials, to propose innovative therapeutic and diagnostic approaches and to validate new guidelines.

3. INDIRIZZO: RELAZIONALE EDUCATIVO

GENERAL DESCRIPTION

SUBJECT AREAS:

- main area: MED/38
- other areas: MED/39; M-Ped/03; M-Psi/04

FIELDS OF RESEARCH:

- 1 Physical and Neurological Development from perinatal to adolescent age
- 2 Prenatal and perinatal neurological disability-preventing measures
- 3 Physical, psychosocial and educational development from adolescence to reproductive age
4. Epidemiology and Childhood health
5. Quality of life in chronic pediatric disorders
6. Health and technology progress in childhood
7. Patient information and quality of patient-carer relationship

ADMISSION INFORMATION AND REQUIREMENTS

PLACES AVAILABLE: 4

SCHOLARSHIPS: 2

FUNDING BODIES:

- Università degli Studi di Trieste..... 1
- Dip. Universitario Clinico di Scienze della Riproduzione e dello Sviluppo su fondi propri + su fondi Dip. da: AIC- Associazione Italiana Celiachia Friuli Venezia Giulia onlus, AGD – Aiuto Giovani Diabetici, Associazione Fibrosi Cistica del Friuli Venezia Giulia, Associazione Insieme, (finalizzata al Progetto "Interventi per migliorare l'adesione alle terapie nelle malattie croniche-infantili") 1

NON-FUNDED PLACES

- research grant-holders:..... 1
- grant-holders funded by the Italian Ministry of Foreign Affairs permitted to sit the entrance examination in the country of origin..... 1
- non-EU citizens resident abroad..... 1

CONTACT INFORMATION

CHAIR: Prof. Roberto RIGARDETTO– Facoltà di Medicina e Chirurgia – Università di Torino - tel. 011/ 3135248; fax 011/ 6634471; e-mail roberto.rigardetto@unito.it

DEPUTY CHAIR: Prof. Domenico TECILAZICH – Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.251; fax 040/3785.362; e-mail tec@burlo.trieste.it

OVERVIEW: The Educational course of study has the purpose to form experts in evaluating epidemiological surveys and the impact of disease-preventing measures