



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 Istituito 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: 14.10.2012

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

Legge 241/1990 - Responsabile del procedimento: Elena Ferraro

Università degli Studi di Trieste
Piazzale Europa, 1
I - 34127 Trieste

Tel. +39 040 558 7953
Fax +39 040 558 3008
Dottorati@amm.units.it

www.units.it – ateneo@pec.units.it



UNIVERSITÀ DEGLI STUDI DI TRIESTE

Rettorato e Direzione Generale
Sezione Ricerca e Dottorati
Ripartizione Dottorati

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) or else requested by email to 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

VICE-DIRECTOR: Prof. Paolo GASPARINI – Unità clinica operativa di Clinica Pediatrica – Via dell'Istria, 65 - TRIESTE - tel. 040/3785.275, email 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

Legge 241/1990 - Responsabile del procedimento: Elena Ferraro

Università degli Studi di Trieste
Piazzale Europa, 1
I - 34127 Trieste

Tel. +39 040 558 7953
Fax +39 040 558 3008
Dottorati@amm.units.it

www.units.it – ateneo@pec.units.it



UNIVERSITÀ DEGLI STUDI DI TRIESTE

**Rettorato e Direzione Generale
Sezione Ricerca e Dottorati
Ripartizione Dottorati**

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.

Legge 241/1990 - Responsabile del procedimento: Elena Ferraro

Università degli Studi di Trieste
Piazzale Europa, 1
I - 34127 Trieste

Tel. +39 040 558 7953
Fax +39 040 558 3008
Dottorati@amm.units.it

www.units.it – ateneo@pec.units.it



UNIVERSITÀ DEGLI STUDI DI TRIESTE

Rettorato e Direzione Generale
Sezione Ricerca e Dottorati
Ripartizione Dottorati

CURRICULUM: GENETIC AND MOLECULAR

GENERAL DESCRIPTION

SUBJECT AREAS COVERED BY THE CURRICULUM:

- main area: MED/03
- other areas: MED/38; MED/40; MED/42; BIO/14

RESEARCH FIELDS:

- 1 Pharmacogenomics
- 2 Human and medical genetics
- 3 Preventive medicine

ADMISSION INFORMATION

NUMBER OF PLACES AVAILABLE: 5
- SCHOLARSHIPS: 0

CONTACT INFORMATION

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

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

EDUCATIONAL AIMS AND RESEARCH TOPICS: 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 main research fields are the following:

- Definition of pathogenetic and molecular mechanisms of monogenic and composite hereditary diseases.
- Genetics of nutrition and pharmacology
- Hereditary Disease screenings
- Genetics of population
- New therapeutic approaches (gene delivery, mesenchymal stem cells) in hereditary diseases
- Genetic Epidemiology
- Molecular and individualized medicine.

The specificity of the molecular genetics course consists in the integration of basic, applied, diagnostic and clinical research.

Research and professional training will be develop in the Department of Surgery and Health Sciences laboratories of IRCCS Burlo Garofolo of Trieste. It will be possible to attend other co-operating centers established with an agreement with

Legge 241/1990 - Responsabile del procedimento: Elena Ferraro

Università degli Studi di Trieste
Piazzale Europa, 1
I - 34127 Trieste

Tel. +39 040 558 7953
Fax +39 040 558 3008
Dottorati@amm.units.it

www.units.it – ateneo@pec.units.it



UNIVERSITÀ DEGLI STUDI DI TRIESTE

**Rettorato e Direzione Generale
Sezione Ricerca e Dottorati
Ripartizione Dottorati**

the School (C.B.M. srl, Centro di Biomedicina Molecolare, Trieste ; Department of Clinical and experimental Sciences-University of Brescia). National (IRCCS – San Matteo Pavia, HRS – San Raffaele) and International collaborations (C.R.G. – Centro de Regulacio Genomica, Barcellona e New Brunswick, USA) are also active.

Legge 241/1990 - Responsabile del procedimento: Elena Ferraro

Università degli Studi di Trieste
Piazzale Europa, 1
I - 34127 Trieste

Tel. +39 040 558 7953
Fax +39 040 558 3008
Dottorati@amm.units.it

www.units.it – ateneo@pec.units.it