



**DOCTORAL SCHOOL IN
MOLECULAR BIOMEDICINE**

GENERAL DESCRIPTION

SUBJECT AREAS COVERED BY THE SCHOOL:

- main area: BIO/10
- other areas: BIO/06; BIO/09;BIO/10; BIO/11; BIO/12; BIO/13; BIO/14; BIO/18;MED/03; MED/04;MED/05 MED/06 MED/07;; MED/08;MED/09 ;MED/11; CHIM/04; CHIM/05; CHIM/06; CHIM/09;;MED/01;INF/01;MAT/08

RESEARCH FIELDS:

1. Molecular Pathophysiology
2. Molecular genetics
3. Molecular oncology
4. Tissue engineering
5. Molecular Therapeutics and Diagnostic

ORGANIZING DEPARTMENT: Dip. di Scienze della vita

PARTICIPATING DEPARTMENTS (UNIVERSITY OF TRIESTE):

- Dipartimento Univ. Clinico di Scienze Mediche, Tecnologiche e Traslazionali
- Dip. Univ. Clinico di Scienze della Riproduzione e dello sviluppo

OTHER PARTICIPATING INSTITUTIONS:

- LNCIB - Trieste
- ICGEB – Trieste
- FIF – Trieste
- CRO – Aviano (PN)
- CBM - Trieste

DURATION: 3 years

MAXIMUM NUMBER OF MONTHS TO BE SPENT ABROAD:12

OFFICIAL LANGUAGE OF THE SCHOOL: English

ADMISSION INFORMATION

NUMBER OF PLACES AVAILABLE: 11

- SCHOLARSHIPS: 6

- FUNDING BODY/IES:

- Università degli Studi di Trieste + Dip. Scienze della Vita 6

NON-FUNDED PLACES

- holders of a research grant (see Art. 1.1 - Requirements)..... 1

- grant-holders funded by the Italian Ministry of Foreign Affairs sitting the entrance examination in the country of origin 1

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

DEADLINE FOR COMPLETION OF DEGREE: 15.11.2010

ASSESSMENT CRITERIA:

qualifications + oral interview.

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:..... 120/120

MINIMUM FINAL SCORE REQUIRED: 80/120

MAXIMUM NUMBER OF POINTS AWARDED FOR QUALIFICATIONS+

PUBLICATIONS: 20/20

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 below):



UNIVERSITÀ DEGLI STUDI DI TRIESTE

Sezione Ricerca e Dottorati

Ripartizione Dottorati

- a. a detailed curriculum vitae et studiorum + degree score and publications: 14/20
- b. a copy of the Master's degree thesis.
For students with a degree awarded by a non-Italian university, an abstract of the thesis in English or Italian is sufficient.

as well as 6/20

1. a) A letter of self-presentation outlining the candidate's reasons for wishing to enrol in the doctoral programme and the research objectives s/he intends to achieve by the end of the Doctoral course;
 - b) A brief summary (maximum 2 pages) of the work done for the degree thesis;
 - c) Two letters of presentation from scholars/researchers acquainted with the candidate.
- Qualifications Assessment Form (unless this form is presented, qualifications and publications CANNOT be assessed by the Examining Board)

MINIMUM SCORE REQUIRED FOR QUALIFICATIONS/PUBLICATIONS:..... 5/20

ORAL EXAMINATION MARK OUT OF: 100

MINIMUM SCORE REQUIRED FOR INTERVIEW: 75/100

ABSOLUTE DEADLINE FOR RECEIVING CERTIFICATES: 15.11.2010

ADDRESSES TO WHICH CERTIFICATES SHOULD BE SENT: preferably by e-mail to the address of the School: dmm@units.it Otherwise by post to the following address: Prof. Del Sal, LNCIB - AREA Science Park, Padriciano 99, 34149 Trieste.

EXAMINATION SCHEDULE:

- INTERVIEW: 22.11.2010 at 09.30 a.m. at "Sala Riunioni, Dipartimento di Scienze della Vita" - Università degli Studi di Trieste, Via L. Giorgieri, 1 - TRIESTE

ALTERNATIVE LANGUAGE TO ITALIAN FOR THE INTERVIEW: English

CONTACT INFORMATION

DIRECTOR OF THE SCHOOL: Prof. Giannino Del Sal - Dipartimento di Biochimica, Biofisica e Chimica delle Macromolecole - Università degli Studi di Trieste - tel. 040/398.992 fax 040/398.990 e-mail delsal@lncib.it

VICE DIRECTOR: Prof. Guidalberto Manfioletti Dipartimento di Scienze della Vita - Università degli Studi di Trieste - tel. 040/558.3690 fax 040/558.3691 e-mail manfiolo@units.it

WEB SITE: <http://www2.units.it/dmm/>

OVERVIEW: This School aims to prepare graduate students to a career in experimental research, providing state-of-the-art knowledge in the field of molecular medicine, with specific reference - among others - to the fields of molecular genetics, molecular oncology, metabolic diseases, biochemistry, cell biology, regenerative medicine and pharmacology.

Key to the program is research activity in the laboratory, where students will develop a critical approach to scientific observation and will carry out a specific research project. This activity shall result in one or more manuscripts describing original research of sufficient relevance for publication in international peer-reviewed journals.

The teaching activity of the School relies on seminars given by national and international experts, and is focused on the core disciplines of modern biomolecular science. The program also aims to provide students with expertise in science management, more specifically in grant writing skills, and development of technologically oriented research projects.

This School is a logical choice for young University graduates in biomedical subjects (e.g. Medicine, Biology, Biotechnology, Pharmacology) who wish to pursue a career in research.

This School gathers a significant number of researchers with strong experience in many fields of biomedicine, and offers to prospective students a broad set of choices spanning the entire spectrum of modern research in molecular medicine.

Within the School, the following fields of research are currently active: Molecular oncology, Pathophysiology of metabolism, Tissue engineering, Molecular genetics, Molecular therapeutics and diagnostics.

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UNIVERSITÀ
DEGLI STUDI DI TRIESTE

Sezione Ricerca e Dottorati

Ripartizione Dottorati

CHANGES SUBSEQUENT TO 23.07.10

N.B: the original announcement may be subject to continuous modification. Any changes made subsequent to the original date of publication are listed below :

- 1st addition:

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IN PRESS

N.B: the following additions/changes have been requested by the organisers of the Doctorate and will be made official with an supplement to the:

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