

**DOCTORAL SCHOOL IN
BIOMEDICINA MOLECOLARE**

GENERAL DESCRIPTION

SUBJECT AREAS:

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

FIELDS OF RESEARCH:

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

ORGANIZING DEPARTMENT:

Dip. di Scienze della vita

OTHER DEPARTMENTS:

- Dip. di Scienze cliniche, morfologiche e tecnologiche
- Dip. della Riproduzione e dello sviluppo

ITALIAN PARTNER UNIVERSITIES:

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

PROGRAMME LENGTH IN YEARS: 3

MAXIMUM PERIOD OF STUDY ABROAD IN MONTHS: 12

OFFICIAL LANGUAGE OF THE SCHOOL: English

ADMISSION INFORMATION AND REQUIREMENTS

PLACES AVAILABLE: 10

SCHOLARSHIPS: 6

FUNDING BODIES:

- Università degli Studi di Trieste+Dip. Scienze della Vita.....5
- Dip. Scienze della Vita 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 2

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

DEADLINE FOR COMPLETION OF DEGREE BEFORE APPLICATION:..... 16.11.2009

ADMISSION REQUIREMENTS:

qualifications + oral interview.

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

FINAL SCORE (MINIMUM REQUIRED): 80/120

SCORE ATTRIBUTED TO THE QUALIFICATIONS: 20/20

QUALIFICATIONS REQUIRED (RELATIVE WEIGHT):

Art. 11 University Rules for Doctorates:

- a. a detailed curriculum vitae et studiorum: 15/20
- b. a copy of the master's degree thesis or an abstract in English or in Italian.
A detailed research proposal may be required.

as well as: 5/20

1. a) a letter of self-presentation, in which the applicant describes the motivations for enrolling to the programme and the objectives s/he intends to pursue with the doctoral award;
- b) an abstract (max two pages) of the work carried out in the degree thesis;
- c) two letters of recommendation written by professors / researchers who know the applicant's work.

MINIMUM SCORE REQUIRED FOR THE QUALIFICATIONS: no

ORAL INTERVIEW SCORE (EXPRESSED AS A PERCENTAGE):..... 100/100

MINIMUM SCORE REQUIRED FOR THE ORAL INTERVIEW: 70/00

DEADLINE FOR RECEIVING CERTIFICATES / PUBLICATIONS: 16.11.2009

ADDRESS TO WHICH CERTIFICATES / PUBLICATIONS SHOULD BE SENT: email dmm@units.it or prof. Del Sal, LNCIB - AREA Science Park, Padriciano 99, 34012 Trieste.

- **Applicants who have completed their degree within the deadline for applications are allowed to upload their certificates/publications through a web interface instead of sending them in hard copy.**

EXAMINATION SCHEDULE:

- ORAL INTERVIEW: 24.11.2009 at 09.30 a.m. at "Sala Riunioni, Dipartimento di Scienze della Vita" - Università degli Studi di Trieste, Via L. Giorgieri, 1 – TRIESTE

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@incib.it
- VICE DIRECTOR: Prof. Franco Vittur - Dipartimento di Biochimica, Biofisica e Chimica delle Macromolecole - Università degli Studi di Trieste - tel. 040/558.3690 fax 040/558.3691 e-mail vittur@univ.trieste.it

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

OVERVIEW: The PhD program in molecular Biomedicine aims at preparing scientists with competence in molecular approaches to relevant questions in biomedical research. In particular in the fields of molecular oncology, physiopathology, tissue engineering, genetics, and molecular diagnostics. Students will be trained for scientific careers in Academia or in the Biotechnology industry.

The program involves three years of full time research work. During this time students will receive a strong laboratory training, working in close interaction with experienced scientists. Students will periodically present their data in public seminars, and participate to journal clubs coordinated by members of the teaching board. At the same time, students will attend to lecture courses and seminars organized by the School and by associated Scientific Institutions. The program terminates with the submission of a Thesis written in English, which will be discussed in a public seminar. To submit the final thesis, part of the PhD work must be published or at least submitted to an international peer reviewed journal.

The names and research topics of the laboratories affiliated to the program are available at the Program webpage.

The official language of the program is English, therefore a working knowledge of scientific English is absolutely required for admission.

