PHD PROGRAMME IN PHARMACEUTICAL AND BIOMOLECULAR SCIENCES

Coordinator Prof. Gianmario Martra
Department of Chemistry
PhD website http://dott-sfb.campusnet.unito.it/do/home.pl
Duration: 3 years
Course start date: 1 October 2017
Departments: Department of Chemistry, Department of Pharmaceutical Science and Technology, Department of Life Science and Systems Biology, Department of Public and Pediatric Health Sciences, Department of Molecular Biotechnology and Health Sciences

Entry Requirements
1) All Degrees issued by Italian universities or second cycle/Master's Degree.
2) International academic qualifications recognised as eligible for admission to PhD studies. Please see art. 3 of the Call.
3) Candidates, who will complete their degree programme after the publication of the Call by 31 October 2017, must see art. 2 of the Call.

Admission procedure
Assessment of qualifications, research project and interview.

Qualifications to be uploaded in the on-line application
Application form (including abstract of thesis of Master Degree (see instructions in the last section), publications lists, other qualifications, duly signed and with identification document/passport)
Candidates applying under condition: self-certification (using annex 5) with transcripts of records with marks, weighted average and credits relating to the Italian Laurea Magistrale/Laurea a Ciclo Unico.
For international qualifications: submit on-line documentation as specified in art. 3 of this Call
Research project (max 400 words, references excluded, see details in the last section) written in English by the candidate choosing a title within those offered by the PhD Programme

Information for the candidates:
Application fee: €50.00 for each application submitted (1.50 Euro will be charged for each payment)
Candidates with international qualifications are exempted from paying the application fee.
Application fee deadline: 5th September 2017 (mandatory deadline)
Candidates who do not pay the application fee within the deadline will be excluded from the competition.

Calendar of entrance examinations:
The calendar with information on dates and venues of entrance examinations shall be published on the websites: http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca and http://en.unito.it/research/phd/phd-programmes starting from 31st July 2017

Assessment criteria

<table>
<thead>
<tr>
<th>Assessment criteria</th>
<th>maximum score 100 points</th>
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<tbody>
<tr>
<td>Assessment of qualifications:</td>
<td>maximum score 20 points</td>
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<tr>
<td>Final grade of second cycle degree</td>
<td>maximum score 12 points</td>
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<td>•110 e lode</td>
<td>12 points</td>
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### Points Distribution

- 110 points
- 107-109 points: 10 points
- 104-106 points: 9 points
- 99-103 points: 8 points
- <98 points: 7 points

**Weighted Average if Applying under Condition:**

- Average from 29/30 to 30/30: 12 points
- Average from 27/30 to 28/30: 10 points
- Average from 25/30 to 26/30: 9 points
- Average from 23/30 to 24/30: 7 points
- Average < 23/30: 6 points

The average is rounded up if the decimal part is ≥ 5, otherwise it is rounded down (<5).

### Thesis Abstract

- Maximum score: 3 points

### Publications

- 1 point for each publication (max 3 already published JCR papers will be evaluated, only if relevant to the PhD programme)
- Maximum score: 3 points

### Other Qualifications:

- For candidates applying under conditions: 1 additional point in the presence in the exams’ score record of at least 3 laudes
- If completed, the following will be assessed:
  - Honours/awards for the dissertation: 1 point
  - Second/additional master degree: 2 points
  - Italian specialising master 1st and 2nd level degree if relevant: 1 point
  - Non-university Master: 0.3 point
  - Post-graduation research periods (supported by an official declaration of the hosting laboratory): 1.2 points per year (and in proportion for shorter periods)
  - Any other pertinent specialising course: 1 point
  - Communications to congresses: 0.2 points (max 5 communications)

  *(Titles relating to professional skills, not pertinent with the research activity, will not be evaluated)*

- Maximum score: 2 points

### Research Project

- Maximum score: 20 points

### Interview

- Maximum score: 60 points
  - Minimum threshold for passing the interview: 40 points

### Further Information on Examinations:

1. Knowledge of the English language for scientific purpose is compulsory

2. Thesis Abstract: max 400 words. The candidate must develop the following points:
   - a) purpose of the thesis;
   - b) methods used;
   - c) results achieved
Moreover, the name of the supervisor must be indicated

3) Research project: The research proposal must be written in English, max 400 words, references excluded. Candidates are required to choose a title from those offered by the PhD Programme. The examining board will evaluate the scientific dimension of the project, its feasibility related to the length of the PhD, the target setting, the scientific impact of outcomes. The candidate must develop the following points:
   a) state of the art of the chosen topic;
   b) targets of the project;
   c) research plan over 3 years.

Scientific excellence, feasibility during PhD programme implementation, objectives and scientific impact expected will be assessed.

4) The interview will cover the qualifications and the publications submitted by the candidates, their studiorum and professional curricula, their scientific and cultural interests and will assess the level of basic knowledge of the subjects involved in the programme. The examination board will focus on level of knowledge of the topic and the ability to present it, communicating skills related to it; level of knowledge of the topic of the research project; originality and interdisciplinarity of the research proposal.

The skill in the use of English will be assessed as well.

The interview, on request of the candidate and duly authorised by the examination board, may be taken via Skype (art. 5 of the Call).

<table>
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<th>Available positions</th>
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<tr>
<td>n. 1 position with scholarship funded by Molecular Discovery (UK)</td>
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All additional scholarships and apprenticeship contracts (Legislative Decree no. 81/2015 art.45), which may become available after the publication of this Call, will be announced on the University websites [http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca](http://www.unito.it/ricerca/fare-ricerca-unito/dottorati-di-ricerca) and [http://en.unito.it/research/phd/phd-programmes](http://en.unito.it/research/phd/phd-programmes).