UNIVERSITÀ DEGLI STUDI DI TORINO

ANNEX 4

CALL FOR PHD POSITIONS – 35 cycle
PHD PROGRAMME IN VETERINARY SCIENCES FOR ANIMALS HEALTH AND FOOD SAFETY

PhD Programme Coordinator	Prof. Mario Baratta
Department	Veterinary Sciences
PhD Programme Length	3 years
PhD web site	https://dott-scivet.campusnet.unito.it/do/home.pl
Course start date	1st November 2019
Departments involved in PhD programme	Department of Veterinary Sciences

Positions offered [1]	
n. 8 ~~6~~ positions with scholarship, of which n. 1 reserved to candidates with international qualifications	of which: - n. 6 scholarships funded by the University; - n. 2 scholarships funded by Dipartimento di Scienze Veterinarie (project of Department of excellence)
n. 1 position reserved to students selected within specific international mobility programmes or within specific agreements in which the University of Torino is involved: CSC "Chine Scholarship Council"	

Titles of Research Projects / Research Fields
The list of research projects is available at the end of this sheet. This list may be updated until Call's deadline.

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 **9th April 2019.**

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[1] All additional scholarships and apprenticeship contracts (Art. 45 D.lgs 81/2015), 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 e http://en.unito.it/research/phd/phd-programmes until Call's deadline.

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Useful information for applicants

Application fee: €50.00 for each application submitted. Candidates with international qualifications are exempted from paying the application fee.

Application fee deadline: 16th April 2019 (mandatory deadline). Candidates who do not pay the application fee within the deadline will be excluded from the competition.

CALL FOR PHD POSITIONS	
Admission procedure	
Assessment of qualifications and interview	
Qualifications to be uploaded in the on-line application	
- Application form (duly signed and including identification document/passport) - For applicants with international qualifications: submit on-line documentation as specified in Art. 4 of this Call; - For applicants under condition: provision of Bachelor's degree grade, certificate or self-certification with a complete list of academic transcripts concerning the 1st cycle degree (Laurea Triennale) and 2nd cycle degree (Laurea Magistrale) with marks, weighted average and credits. For applicants applying under condition, please also check Art. 5 of the Call. - Any letter of reference signed by University Professor external to the University of Torino (as specified in art. 5 of this Call) - Form chosen projets in priority order. Candidates are required to choose max three options (see Section: "Further information on the examination") - Publications	
Assessment criteria	**maximum score 100 points**
Assessment of qualifications:	**maximum score 60 points**
Final grade of Laurea/second cycle degree (or list of examinations taken during the Laurea and Laurea Magistrale/2nd cycle degree for candidates applying under condition). 107-110 = 40 points 102-106 = 30 points 95- 101 = 20 points 88-94 = 10points < 88 = 0 points For grades in ECTS system A: 40 points B: 30 points C: 20 points D: 0 points	maximum score 30 points

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If scores are not expressed in ECTS system, the Examination Board will define equivalent evaluation criteria.	
Publications: Indexed journals: up to 2 points for each publication (Scopus/WOS index) (max 4 points) Abstract on conference papers: up to 0.5 points (max 1 point)	maximum score 5 points
Working and education experience Periods of time spent in qualified structures (at the discretion of the Examination Board but only applicable to pertinent activities)	maximum score 5 points
Other qualifications - Any other pertinent specialising course and/or Summer/Winter schools if relevant: **0.5 points** Italian Schools di Specialization will not be evaluated	Maximum score 5 points
Letters of reference signed by professors (max 2 letters) 0.5 – 2 points for each reference sent by the country where the University Degree has been completed 1 – 4 points for each for each reference sent by a country different from the one where the University Degree has been completed	maximum score 5 points
Minimum threshold for admission to the interview	*30 points*
Interview	**Maximum score: 40 points**
Minimum threshold for passing the interview	*20 points*

Further information on the examination:

Candidates are required to fill in the Application Form (Annex 1) section "Further information relevant to the PhD application" working and education experience, periods of time spent in qualified structures but only applicable to pertinent activities, etc.

The interview will be assessed on the bases of the following criteria: level of knowledge of the topic discussed; ability in analyzing the topic; lexical property; knowledge of the English language.

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Candidates are required to choose three projects in priority order by filling in the form available at the following link <https://dott-scivet.campusnet.unito.it/do/home.pl> and uploading it on the online application procedure along with the other documents required.

The candidate **must** choose the three options ONLY and EXCLUSIVELY within the lines presented in the Project of Excellence (3 projects) or in the free topics (6 projects). He/She cannot choose search lines in either option.

Each project has a summary available on the dedicated website where, always for each project,

The interview will deal on the topic chosen as first priority. For each project 5 articles will be made available; through their discussion the Commission will assess candidates. Articles will be published at the following link: <https://dott-scivet.campusnet.unito.it/do/home.pl>

Knowledge of the English language at B2 level is strongly recommended since the PhD program embeds specific and common educational activities in English.

The interview, upon authorization by the Examining Board, can be carried out via Skype (please refer to art. 8 of the Call.

Titoli progetti di ricerca
Dottorato di Ricerca in Scienze Veterinarie per la Salute Animale e la Sicurezza Alimentare

Titles of research projects
PhD Programme in Veterinary Science and Food Safety

1. Characterization and modulation of non-newly generated "immature neurons" in wild and domestic mammals (luca.bonfanti@unito.it)
2. A multidisciplinary approach to gut health in animal production (mariateresa.capucchio@unito)
3. Flow cytometric analysis of canine mast cell tumor: clinical application (fulvio.riondato@unito.it)
4. Fetlock joint angle tracking with inertial sensors in horse (andrea.bertuglia@unito.it)
5. Evaluation of honey-based biomaterials in the prevention of surgical site infection in ventral laparotomy (marco.gandini@unito.it)
6. Integrated freshwater aquaculture and bioremediation: the potential role of freshwater bivalves (Benedetto.sicuro@unito.it)
7. Metabolic status, immune system and uterine environment: A different approach to the uterine pathologies and their treatment (alessandro.ricci@unito.it)
8. Inclusion of a new raw material in pet food (liviana.prola@unito.it)
9. Wildlife-domestic animals interface: global changes and risk for human health (ezio.ferroglio@unito.it)

   Project for specific mobility international program (CSC)
   Plasticity of non-newly generated, "immature" cortical neurons in the brain of domestic animals in different environmental conditions (luca.bonfanti@unito.it)

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Tematiche specifiche per borse finanziate dal Dipartimento di Scienze Veterinarie nell'ambito del progetto Dipartimenti di Eccellenza / Specific themes for scholarships funded by Dipartimento di Scienze Veterinarie (project of the Departments of excellence):

1. Microbiota del cucciolo in relazione alla flora batterica materna e implicazioni cliniche dell'isolamento di batteri resistenti (ada.rota@unito.it)

2. Utilizzo di tecniche di sequenziamento di nuova generazione (NGS) per l'identificazione di biomarcatori in animali da reddito trattati sottoposti a profilassi antibiotica (tiziana.cannizzo@unito.it

3. Messa a punto di una metodica diagnostica rapida ed innovativa basata sulla tecnologia Luminex per ridurre l'utilizzo degli antibiotici nella filiera avicola (elena.grego@unito.it)