

MISSION

The mission of the Department is to pursue the excellence in research and teaching in all the disciplines related to veterinary medicine, animal science and food safety.

THIRD MISSION

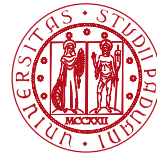
The BCA department supports scientific projects integrated with specific needs of the territory, promoting technological transfer of the obtained results. It develops relationships with the business community, public and professional associations.

PATENTS

- Five patents in nanotechnology and biosensors
- A direct drug patent to the treatment of diseases of the skeletal muscle
- System and method for cognitive assessment and training of an animal

SPIN-OFF

- Advanced Iron Nano Technologies - AINT srl
- Behavioral Sciences Center of the dog



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



DEPARTMENT OF COMPARATIVE
BIOMEDICINE AND FOOD SCIENCE



European Association
of Establishments
for Veterinary Education

spin-off



Advanced Iron
Nano Technologies



Getting there by car

From Bologna Motorway A13: exit Padova Zona Industriale, take Corso Stati Uniti and follow signs to Legnaro, Viale dell'Università leading to Agripolis.

From Milan or Venice A4 motorway: exit toll gate, follow to Corso Argentina, follow signs for Chioggia, Piove di Sacco, Legnaro, Viale dell'Università leading to Agripolis.

Getting there by bus

Starting from the Padua station (next to Padua Train Station) with the long-distance line SITA buses (Agripolis).

Agripolis, Viale dell'Università, 16
35020 Legnaro, Padova

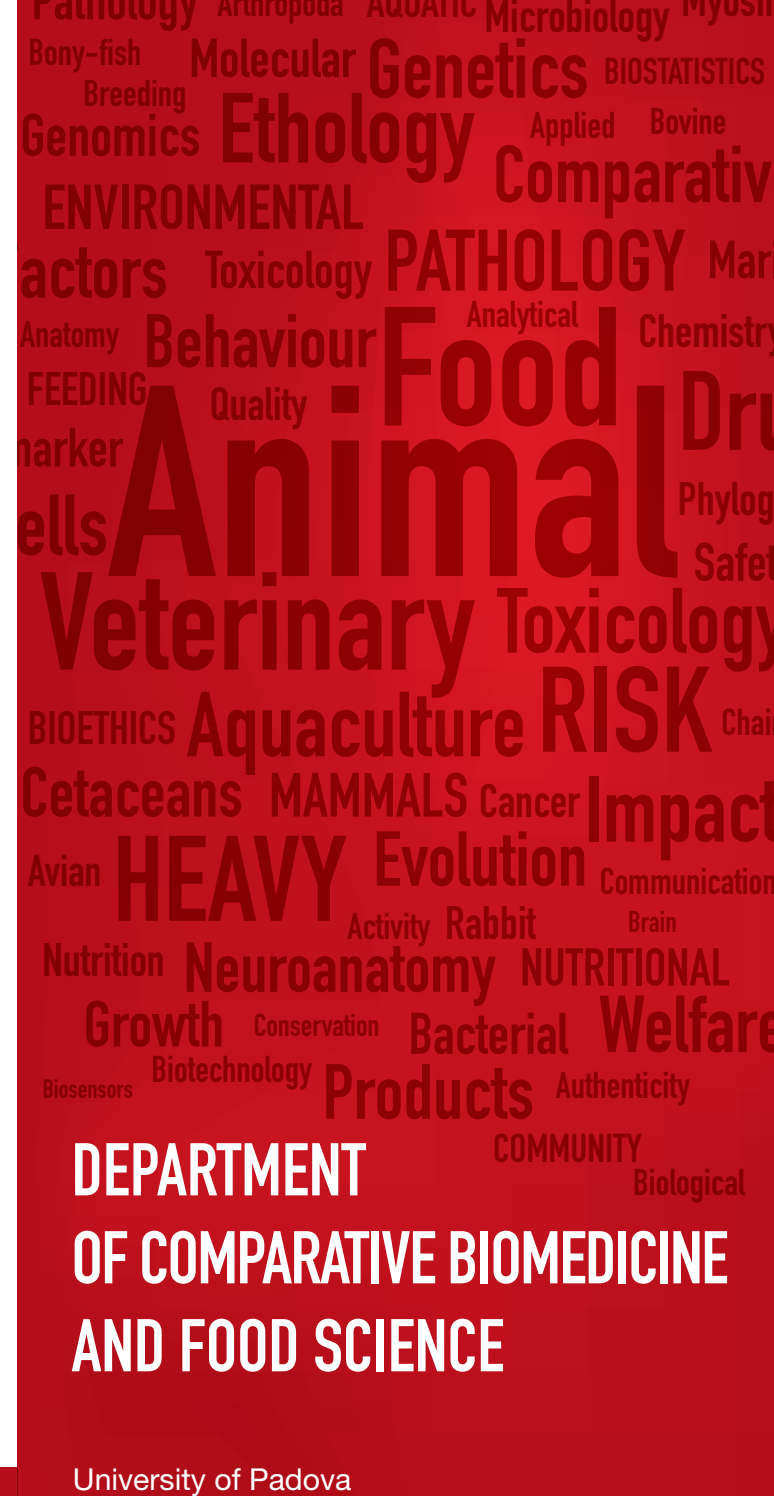
☎ +39 049 8272517

☎ +39 049 8272604

✉ segreteria.bca@unipd.it

✉ dipartimento.bca@pec.unipd.it

www.bca.unipd.it



University of Padova

STAFF

- 41 professors and researchers
 - 32 technicians and administrative employees
 - 27 PhD students
 - 15 research fellows
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TEACHING

DEGREE COURSES

- 1st-cycle degree: Safety and Hygiene of Food Products
- 2nd-cycle degree: Biotechnology Applied to Food Security and Nutrition
- single-cycle degree: Veterinary Medicine

POST GRADUATE DEGREES

- 2 doctoral degrees:
 - PhD programme in Veterinary Science
 - PhD programme in Animal and Food Science
- 1st-level short specialisation degree in Ensure a future for Wildlife: an integrated conservation
- 2nd-level short specialisation degree in Food quality and Safety

HIGHER TRAINING COURSES

- Conservation Education
- Bioethics, Animal Welfare and Veterinary Medicine
- Cetaceans of the Mediterranean: conservation and integrated management

RESEARCH

RESEARCH AREAS

- Basic science applied to veterinary medicine
- Food safety and food quality in consumer's health issue
- Pathology and comparative medicine
- Intra-specific genetic polymorphism in species of veterinary and production interests

EXCELLENCE IN RESEARCH

- Centre of excellence for comparative oncology: identification of canine lymphoma as spontaneous model for human lymphoma
- European Project for the development of a network of cooperation between the institutions involved in the protection and conservation of populations of cetaceans and sea turtles in the Adriatic (NETCET)
- Fish and shellfish genomics for aquaculture and fisheries

QUALITY OF RESEARCH

The h-index of the Department is 55.

The average number of publications in the period 2012-2014 is 108 publications per year with an average number of 6 citations per publication in the three years (data scopus - www.scopus.com).

SERVICES AND CONSULTING

- Histopathology, cytopathology and necropsy services (www.simbavet.org)
 - Characterization and clinical applications of adult stem cells in veterinary medicine
 - Educational Museum of Veterinary Medicine
 - The Mediterranean Marine Mammal Tissue Bank
 - Analysis of c-kit mutation in canine and feline mast cell tumor
 - Analysis of clonal lymphoid through PARR technique in dogs
 - Dosage of steroids
 - Advisory Service for behavioural diseases of pets
 - Ethics laboratory for veterinary medicine, conservation and animal welfare
 - European Veterinary Renal Pathology Service
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INTERNATIONALIZATION

The BCA department promotes international collaboration and the mobility of students, faculty inward and toward and other Universities and European and non-European research facilities

- Texas A&M University
- Tufts Boston University
- Universidade Estadual Paulista - UNESP
- Univesidade de Sao Paolo - USP
- Sidney University
- Agricultural University of Tirana
- Universidad del Mar
- National Zoological Gardens of South Africa - NZG
- Harvard Medical School - Massachusetts General Hospital
- Murdoch University
- Leibniz Institut für Zoo und Wildtierforschung
- Colorado State University
- University of Exeter

