



# hD Course in Veterinary Science

Corso di Dottorato in Scienze Veterinarie - Università degli Studi di Sassari

## FULLY FUNDED 3-YEAR PHD POSITION IN VETERINARY SCIENCE

The University of Sassari (Italy) has a current vacancy for a PhD in dairy cattle nutrition and reproduction.

**Curriculum:** Candidates should be Veterinary Medicine or Agricultural Science graduates

**Research topic:** The project aims at identifying how maternal nutrient restriction or excess during early gestation have long-lasting consequences in female progeny. Using the bovine model, we propose to determine if maternal nutrient restriction or excess during different windows of the first trimester of gestation can 1) decrease the size of the ovarian reserve and, consequently, the reproductive potential; 2) determine congenital alterations of the cardiovascular system.

**Scientific supervisor:** The PhD student will refer to Dr Francesca Mossa, Associate Professor at the Department of Veterinary Medicine.

<https://www.uniss.it/ugov/person/6780>

[https://www.researchgate.net/profile/Francesca\\_Mossa](https://www.researchgate.net/profile/Francesca_Mossa)

**Description and goals of the research project:** The role involves responsibilities for the completion of research trials and the logistics of carrying out animal experiments, including the correct collection of biological samples and recording of data set. The role involves writing scientific publications in international peer reviewed journals and presenting data at international conferences, as well as report writing and any other duties associated with conducting research experiments. The candidate will be trained in ovarian ultrasonography and will be part of a team composed by four national research units with interdisciplinary backgrounds (reproductive sciences, animal nutrition and functional anatomy).

**Workplace:** Department of Veterinary Medicine, Via Vienna 2, Sassari, Italy

<https://www.veterinaria.uniss.it/it>

**Call for Admission Deadline:** July 23th, 2019 at 13.00 (CET)

**Start of Activities:** November 1<sup>st</sup>, 2019

All information on the PhD course can be found at:

<https://www.uniss.it/didattica/formazione-post-laurea/dottorati-di-ricerca>

**Application page:**

<https://www.uniss.it/bandi/bando-lammissione-ai-corsi-di-dottorato-di-ricerca-xxxv-ciclo>

Admission by CV, project work presented, and interview (in person or by Skype)

For further information please write to: Prof. Francesca Mossa [fmossa@uniss.it](mailto:fmossa@uniss.it)