



Veterinary Medicine - V.P. POSITION

DESCRIPTION OF THE PHD PROGRAM

The Doctorate Program in Veterinary Medicine has the aim of training PhD students to investigate on research topics about basic, pre-clinical, clinical and non-clinical areas (animal production and food safety) using innovative investigation approaches and technologies. The Clinical Sciences are focusing on training in the area of small animals and food-producing animals, with particular emphasis on reproduction, diagnostic imaging, neurology, cardiology and surgery. The basic scientific training program aims at providing competences on anatomy, biotechnology applied to veterinary science and the biochemical aspects. The Bio-pathological training provides competences and research activities on pathology, microbiology and infectious diseases. All these training courses are strictly correlated and cooperation within these areas of research is required. Doctoral Students can choose the area of his/her research interest within the major academic sectors: VET, AGR and BIO.

DESCRIPTION OF THE SCIENTIFIC FIELD & VISITING PROFESSOR PROFILE

The scientific profile of the Visiting Professor would refer to the field of microbiologic research aimed at the characterisation of the human intestinal microbiome and the study of the biology of certain intestinal commensal microorganisms such as the bifidobacteria, as well as the study of the bacteriophages. This research activity would find its application in the field of new generation probiotic bacteria and particularly in the field of functional foods.

The presence of a visiting professor with this profile would allow for the education of new PhD students in extremely innovative fields, ones that are largely lacking at the University of Parma. (ex. Functional foods and novel probiotic bacteria).

DESCRIPTION OF THE DIDACTIC ACTIVITIES OF THE VISITING PROFESSOR

The Visiting Professor would carry out didactic activities under the form of seminars at the Doctorate School as part of the PhD Program in Veterinary Medicine.

Further didactic activities in terms of seminars would take place as part of the Institute for Advanced Food & Nutrition Studies at the University of Parma, in addition to the ones at the two Specialisation schools at the Department of Medical and Veterinary Science: "Animal Health, Farming and Zootechnical Production" and "Animal Origin Products Inspection".

One of the potential focal points of these seminars could be functional foods and novel probiotic bacteria.

Presence at the University of Parma: The Visiting Professor would be required to be present at the University of Parma for 4 weeks per year.