



UNIVERSIDAD DE CORDOBA



## **PARTNER SEARCH**

### **1. Presentation of the organisation/group:**

The University of Cordoba is located in Córdoba, Spain; It is also known by the acronym UCO. Although it was founded as such in 1972, it can be said with 2 centuries of history, backed by his career rooted in the free University of Cordoba, which ran in the province at the end of the 19th century and boasts ancient studies as the of the Faculty of veterinary medicine, unique in Andalusia.

Cordoba is a University that stands out for its agri-food and environmental expertise. This specialty is extended to the lands of chemistry and biology. It highlights your area of Health Sciences, linked to leading hospitals in Spain, as the hospital universitario Reina Sofia, and all its tradition in humanities.

Its youth and middle dimensions - UCO has 21 000 students, more than 1200 teachers and 700 workers - have been equipped with it the dynamism needed to adapt itself to enter the 21st century as a University of high teaching quality and proven scientific solvency.

The Agro-Food Campus of Rabanales constitutes the best evidence of the process of modernization that characterizes the University. Its facilities give place to the most advanced infrastructure for research and teaching, at the time included a range of complementary services that make it one of the complex most prominent teachers of Andalusia. Rabanales concentrated much of the scientific work of the University, located at the forefront of research in the autonomous community of Andalusia and among the most relevant national research institutions.

Both research and teaching are understood at the University of Córdoba as the two great pillars of the institution, always with a same goal: quality. That goal joins the role protagonist that UCO is playing in the development of the European higher education area. Teaching, research, quality and Europe are, therefore, the maxims that currently govern the life of the University.

The Veterinary Faculty of the University of Cordoba is dedicated to excellence and innovation in teaching, as well as the diffusion of veterinary medical sciences that suppose a benefit to animal health. Our Faculty safeguard the health and wellbeing of animals and people. Although our faculty has more than 167 years of history, we are a modern, responsible institution oriented towards the future, whose actions are bound to the continual commitment to improving the quality of our services. It is the only institution of higher education in Andalucía (South of Spain) to educate veterinary surgeons, expert in food security and in animal production.

Our research group is focus on Animal welfare, reproduction and applied animal physiology

Our University has considerable experience in managing and implementing international projects. Currently, UCO has been granted with 29 projects funded through the Seventh Framework Program and 16 project funded by other European programs (2007-2013). A *Knowledge Transfer Office*, with an *International Projects Area* facilitates the management of the transnational projects achieved by our university.

### **2. Programme: Horizon 2020**

### **3 Activity area/topic:**

H2020-SFS-2015-2: Sustainable food security



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#### **4 Proposal/Expertise:**

Our group has considerable experience in Assessing sustainability of terrestrial livestock production.

#### **5 keywords:**

Animal welfare

Food chain

Livestock systems

One health

Metabolomic

Nanotechnology

#### **6 Description of proposal or expertise:**

The aim of this proposal is create an observatory in the farm to evaluate how animal welfare could affect to the meat quality. The intention is to certify beef quality in order to improve consumer market.

#### **7 Partners skills and competencies:**

We look for experts in metabolomic in order to investigate stress metabolites in animals and nanotechnology who develop commercial kits for detecting these metabolites.

We are also interested in partners (SME) who have beef extensive farm we offer work in food security, animal welfare, one health.

Certify companies.

#### **8 Partners sought in the following countries:**

Europe

**Expressions of interest should be sent**, as soon as possible, to:

OTRI-Universidad de Córdoba

European Projects Office

e-mail: [otri@uco.es](mailto:otri@uco.es)