

INTERNSHIP OFFER FOR INTERNATIONAL STUDENTS

INSTITUTION	Universidad Politécnica de Cartagena www.upct.es South-East of Spain
SHORT DESCRIPTION OF THE INSTITUTION	The UPCT is a public institution, established in 1998 in Spain. It is comprised of 7 Schools of Engineering, Business and Architecture and offers several Master and PhD Programmes.
RECEIVING SCHOOL / FACULTY	Escuela Técnica Superior de Ingeniería Agronómica (ETSIA) School of Agricultural Engineering
ADRESS	Paseo Alfonso XIII, 48 30203 – Cartagena, Murcia, Spain (+34) 968 32 54 32
PLACEMENT OFFERED	Department of Agronomic Engineering
DESCRIPTION OF THE PLACEMENT ACTIVITY	<p>Fermentation of vegetable by products for sustainability</p> <p>There is a need to develop new sustainable food sources. Part of this strategy involves supplying compounds derived from other industries. However, these compounds must have adequate nutritional quality to ensure optimal gastrointestinal health of animals and people. This project proposes the characterisation the fermentation and characterisation of the microbiota associated with these materials to achieve added value, making them suitable for use as feed.</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Spontaneous fermentation of these flours under different conditions. 2. Fermentation of flours by adding bacteria and yeast. 3. Isolation and characterisation of microorganisms.
REQUIRED STUDENT PROFILE	Undergrad, graduate or Master. Work will be adjusted attending to the student level.
REQUIRED SKILLS	Basic microbiology knowledge.

WORKING LANGUAGE	English and/ or Spanish
DURATION	2-6 months, as student's needs
WORKING HOURS	9:00 am-14:00 pm
FINANCIAL AID	No. FREE SPANISH CLASS ACCORDING THE ACCADEMIC YEAR.
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