

Search for a Spanish Partner for a Bilateral R&D Project.

(this document will be shared with potential Spanish companies)

Organization	
Date of Request:	03/12/2019
Organization name:	National Research Center
Contact person and title/ designation:	Dr. Azza Abdel-Fattah, Associate Professor in the National Research Center, Department of Chemistry of Natural and Microbial Products
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SECTION 1: Your Company Profile

*(Please give brief / to the point explanations. For more explanation on any point below, you may add a short paragraph as an annexure, with this document). *This summary may address some or all of the points below).*

Business Sector	Leather companies , Wool factories, Agricultures
Company mission or core functions	Experimental studies are performed in the Laboratories of my department (Chemistry of Natural and Microbial Products) in the National Research Centre. Studies will be accomplished on my locally isolated microorganisms for the production of highly active keratinase and protease enzymes
Date of establishment	1 – Jan - 2019
Ownership (if public and traded, add stock exchange and ticker symbol)	
Total number of employees	
Number of employees in R&D	
Key products sold or services provided	Keratinase enzymes , protease enzymes
Company core technical competences	Leather Markets: Production of good quality of leather products. Wool factories: Production of good qualities of wool for industries. Agricultures : production of organic fertilizers from the keratinous and fleshing wastes

Key R&D programs and activities	Provide the fund and facilities to accomplish the scientific procedures and lab experiments for the production of the microbial enzymes
Examples of accomplishments	Screening of our isolated microorganisms for the highly active producers of keratinase and protease enzymes. Optimization of the produced enzymes to reach the highest enzymes activity. Production of the highly active partial pure enzymes
Company strategic orientation	Application of the partial pure active enzymes in leather companies for the production of good quality of leather goods. Application of crude keratinase on the treatment of sheep wool for the production of pure, white and high wool quality for wool industries. Application of crude keratinases and proteases on the hydrolysis of keratinous and fleshing wastes for the production of feather and fleshing hydrolyzates to be used as organic fertilizers and spray in agriculture.

SECTION 2: Partner of Interest

(Please provide a brief summary of the prospective partner company or organization. This summary may address some or all of the points below)

Profile of ideal technology partner	Leather technology: Following the application of microbial keratinases as a new trend in industry. Wool factories: Application of keratinases on the production of high wool qualities for wool industries. Application of feather and fleshing hydrolysates produced after keratinase and protease hydrolysis in agriculture.
Core technological competencies and expertise	Companies with high experience in leather technology as well as wool factories. Agriculture field.
Other essential qualifications (e.g.: ownership, track records etc.)	To provide all the facilities to perform the experimental procedures to reach the good , highly active products
If you have a list of companies with whom you are in contact or interested in contacting, please provide contact details	Leather companies , wool factories and agriculture

If you are interested in collaboration: please specify details and other important information you want to share with a potential company	Company specific in the steps of leather preparation for commercial application. Companies specific in wool industries. Agriculture field.
Interested areas of collaboration	Leather industries , wool companies and agriculture
Specific R&D contribution you are seeking/offering	Studying and Production of highly active partial pure microbial keratinase and protease enzymes for industrial and agricultural application.

Signature _____

Name: Dr Azza Abdel-Fattah

Date: 03- 12-2019