

-Producing low-cost human lysozyme-

Plant biotech R&D performing SME (spin-off from the University of Murcia and the Spanish Council for Scientific Research) specialised in the development and scaling of new processes for production and purification of proteins (industrial, nutraceutical and therapeutic proteins) and other biomolecules from plant material seeks partner for a EUROSTARS project.

The company proposes this project to develop a new technology to produce active proteins in plants as well as to validate it by expressing a specific protein (**human lysozyme**) to be used as ingredient in industrial processes (pharma, food).

In order to carry out this project, the company is searching for another company with R&D activities, that puts lysozyme into the market, and that would be interested in producing human lysozyme in the way this project proposes, which is innovative and lowers significantly its production cost.

The company has developed a new platform for the expression of recombinant proteins in plants and develops processes for the extraction, isolation and purification of this proteins as well as the optimization for their use. This technology uses biofactory plants instead of bioreactors to synthesize the proteins. The technology allows the expression of high levels of protein at low-cost, requires little infrastructure and does not affect the agroecosystem.

OFFER	Join a project to develop a new way to produce human lysozyme in plants for its use in pharma/food industry
SEARCH	Partner interested in producing human lysozyme in the way developed in the project

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