

EXTRACTION AND MICROENCAPSULATION OF COMPOUNDS

Sustainable and healthy extraction and microencapsulation technologies for compounds, to reclaim plant subproducts and use them as raw material for obtaining bioactive compounds that are functional.

Main feature / technology

Methodology for extraction of high-quality, extremely pure bioactive compounds from plant subproducts, using conventional and unconventional methods, like ultrasound, microwave and supercritical fluids (SCFs).

Capable of characterising and identifying bioactive compounds extracted from different plant matrices.

Studies of the functional characteristics of bioactive compounds.

Microencapsulation technology for bioactive compounds.

Main applications and advantages :

These technologies and procedures are directed at reclaiming plant subproducts by obtaining high-quality, high-purity bioactive compounds, whose many applications include the food and pharmaceutical industries.



Status of the technology:

Laboratory tested

Area:

Agri-food

Information:

To get in touch with the people in charge of this offer, please contact FUNDECYT-PCTEx by email:

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