RESEARCH GROUP^{ww.list.lu/fr/recherche/environment/environmental-and-industrial-biotechnologies/groupe/plant-biotechnologies-group/}

Plant Molecular Farming



MAIN EXPERTISE FIELDS

Plants produce a wide array of secondary metabolites with biological activities of high in of brewery residual biomass, apple/grape pomaces to a source of bio-active compounds.

Plant cells cultures

Itivated both in vitro and as cell suspension cultures to char-

RESEARCH CHALLENGES

 Plants as phytofactories
Resilient and sustainable agriculture ting (genetic diversity screening, -o suspension culture zation and quantification of bioactive compo-

APPLICATION AREAS

MAIN ASSETS

antin big-wales connects products from plants and plant as 0-300/CELLS antin big-Mark Marketon Carbonizay, Jaming De Parkans A Apple Call Suppression Culture based Cosnetics Ingrestient - ACCE citical of Interpane Entract from Apple CELLs - PARCE. Carbon Carbonization Carbonization Carbonization Carbonization Carbonization Carbonization citical of Apple Interpanets Jaming gene actication methods for the upryching of theremy residues - <u>BIO-DIT</u> action Of Handbard Value Prevencias I Carabatia Sativa Value Salinity Exatense: Recurs On Plants And Call Cultures - HEMPAGE Bandbard Carbonization Carbonization Carabatian Carbonization Carb

lized Silicon parti cell wall-associati

EQUIPMENT

SELECTED PUBLICATIONS

underson from Consolita sation appoint in adminit, Guerriero G, Naris Satera F, et al. 2021. ACS Naro 15, 3061.3069 deal grant accessments in using states of Arean 2 Arean 2

Behr M., Guer

s, 267, 118190. olymers, 256, 117394.

Partenaires

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