RESEARCH 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 ch

RESEARCH CHALLENGES

Plants as phytofactories Resilient and sustainable agriculture

ting (genetic diversity screening, uspension culture zation and quantification of bioactive compo

APPLICATION AREAS

MAIN ASSETS

state high-values connext; products from (basis and pipel cells - <u>BBCCELLS</u> inter high-values connext; products from (basis and pipel cells - <u>BBCCELLS</u> connections of threadons along the Thomas An Angele Cells - <u>BBCCE</u> connections of threadons along the metacion methods for the upyching of brevery residues - <u>BBCDIT</u> connections of threadons along there are along the threadons and the threadons and the threadons and connections of threadons along the threadons and threadons along the threadon and threadons and connections of threadons along the threadons along the threadons along the threadons and threadons and and the threadons and threadons along the threadons along the threadons along the threadons and the threadons along the connections and threadons along the threadons along the threadons along threadons along the second threadons along threadons along the threadons along the threadons along the connections along threadons along the threadons along the threadons along the second threadons along threadons along the threadons along the threadons along threadons along the second threadons along threadons along the threadons along threadons along threadons along the second threadons along threadons along the threadons along threadons along threadons along the second threadons along threadons along the threadons along threadons along the second threadons along the second threadons along threadons

EQUIPMENT

ctors (0.5 L-300 L tor for solid eter-

SELECTED PUBLICATIONS

Intelligence frame Caretability accessed to salitaty. Generiem G, Marie Sadare F, et al. 2021. ACS Nano 15, 2061.3059 Intelligence corrections in variety attems of herms Correction active 1, 1 and influence of component active. Lucyck M, Hausman J-F, et al. 2021. Environmental and Experime containers: and Experime Inflational control active 1, 1 and influence of component active. Lucyck M, Hausman J-F, et al. 2021. Environmental and Experime restrictions: a containers in the Science (1, 2023-064. And Experime Inflation active 1, 1 and 1, 2 and 1,

Behr M. Guer

k, 267, 118190. Jymers, 256, 117394. and Matrition 58(1), 1-36

Partners

Contact

5, avenue des Hauts-Fourneaux L-4362 Esch-sur-Alzette phone: +352 275 888 - 1 | LIST.lu

Dr Jean-François HAUSMAN (jeanfrancois.hausman@list.lu) © Copyright February 2025 LIST

