RESEARCH GROUP^{ww.list.lu/en/environment/environmental-and-industrial-biotechnologies/group/plant-molecular-fa rming/}

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 cl

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> (based Valdation Cal Lenhology Ampling) The Phase An Apple Cell Supersonnio Culture-based Cosnetics Ingrestient - ACCE citics of thrappene Estrat from Apple CEIS - PACCE citics of thrappene Estrates (The Analysis Cells - PEACE citics of thrappene Estrates) The analysis of the State Cells Science (Section 2016) and State (Section 2016

EQUIPMENT

SELECTED PUBLICATIONS

and proce subsetsion in young stremm down annue, voertrero to, Maria Sutera F., et al. 2021. ACS Nano 15, 3081-3069
antennica, posteronica and targeted particular to provide a stream of the stream of th

Behr M. Guer

b, 267, 118190. Dymers, 256, 117394. Adutrition, 58(1), 1-36

Partners

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