

Evaluation and selection of fruits & vegetable germplasm based on aroma profile using an electronic nose



Valencia and Castellón Universities have reached the top five of scientific centres in Spain thanks to the wide range of teaching and research activities offered in all areas of knowledge (basic sciences and engineering, health sciences, educational sciences, humanities and social sciences, economics and law).

“The Electronic Nose allows to rapidly compare the aromatic profiles of fruits & vegetables germplasm in order to make selections”

reference materials. In order to have a fast comparison, we use FOX Electronic Nose to evaluate and select the desired fruits and vegetables germplasm.”

“Since 2005, our Quality vegetable breeding laboratory at Jaume I University has been using the Alpha MOS Electronic Nose to perform food evaluations. We work on new tomato and muskmelon varieties for obtaining desired organoleptic characteristics, using reputed traditional varieties with different aromatic profiles as

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Universitat Jaume I



Activity

Food & agricultural research

Context

Selection of fruits & vegetable germplasm based on organoleptic features

Equipment

FOX Electronic Nose

User contact

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Website

<http://www.uji.es/UK/basic/&url=/CA/>