

# Characterization of key aroma compounds in vegetable proteins foods

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Karine Gourrat, Marine Voisine, Andreas Redl, Olivier Berdeaux. Characterization of key aroma compounds in vegetable proteins foods. 16. Weurman Flavour Research Symposium, May 2021, Virtual meeting, France. . hal-04167069

## HAL Id: hal-04167069 https://hal.inrae.fr/hal-04167069

Submitted on 9 Aug 2023

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### Characterization of key aroma compounds in vegetable proteins foods

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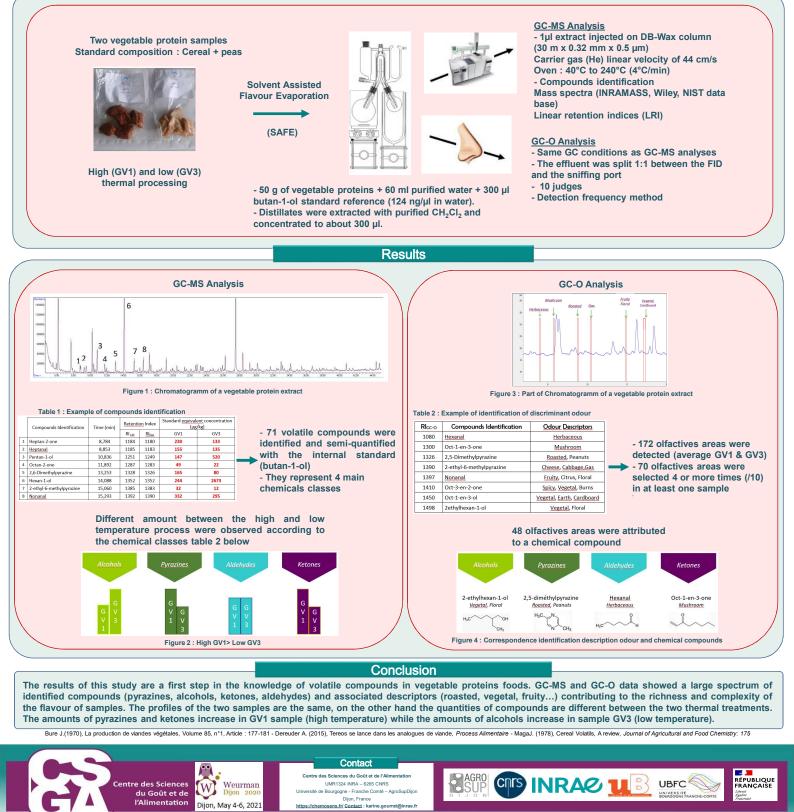
For several years, vegetable proteins have been the subject of particular attention. Considered by many people as the food of tomorrow, they are more and more popular within consumers. The project GenVie aimed to develop new foods based on vegetable proteins in order to obtain a good digestibility and acceptability by the consumer.

**Background and Objectives** 

To better characterize the taste of these products, we set up experiments to identify the flavour compounds in two samples produced at different thermal processes.

The combination of a gas chromatography-mass spectrometry (GC-MS) and a gas chromatography-olfactometry (GC-O) approaches showed a link between the aroma composition and the odour of identified compounds.

#### Materials and Methods



Dijon, May 4-6, 2021