

Apple wedges with "watermelon texture" for elderly

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texture



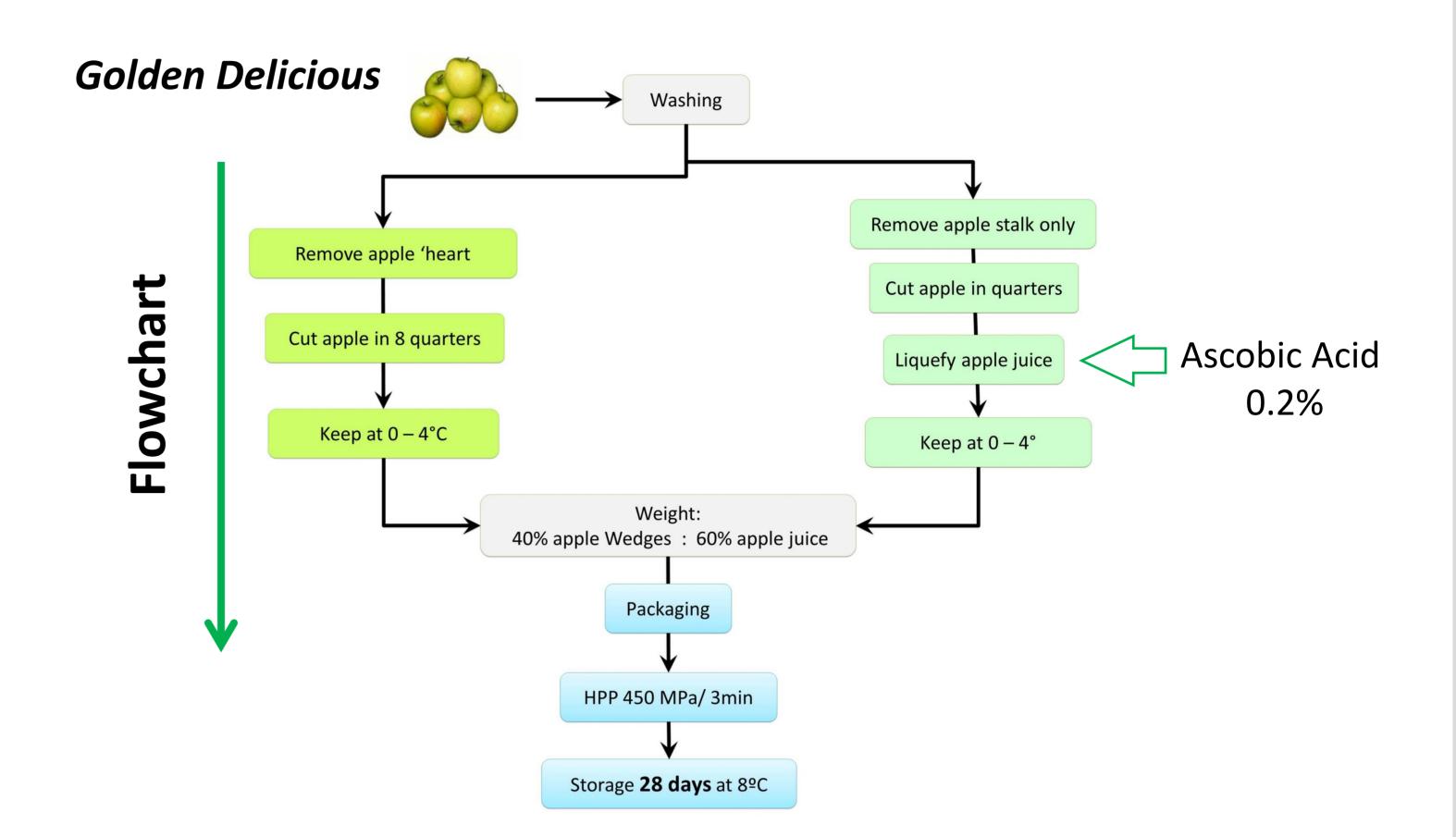
CONTEXT

Ageing, causes a lack of muscular strength and dental problems, consequently chewing could be difficult for



High pressure processing (HPP) induces **modifications** in Apple.

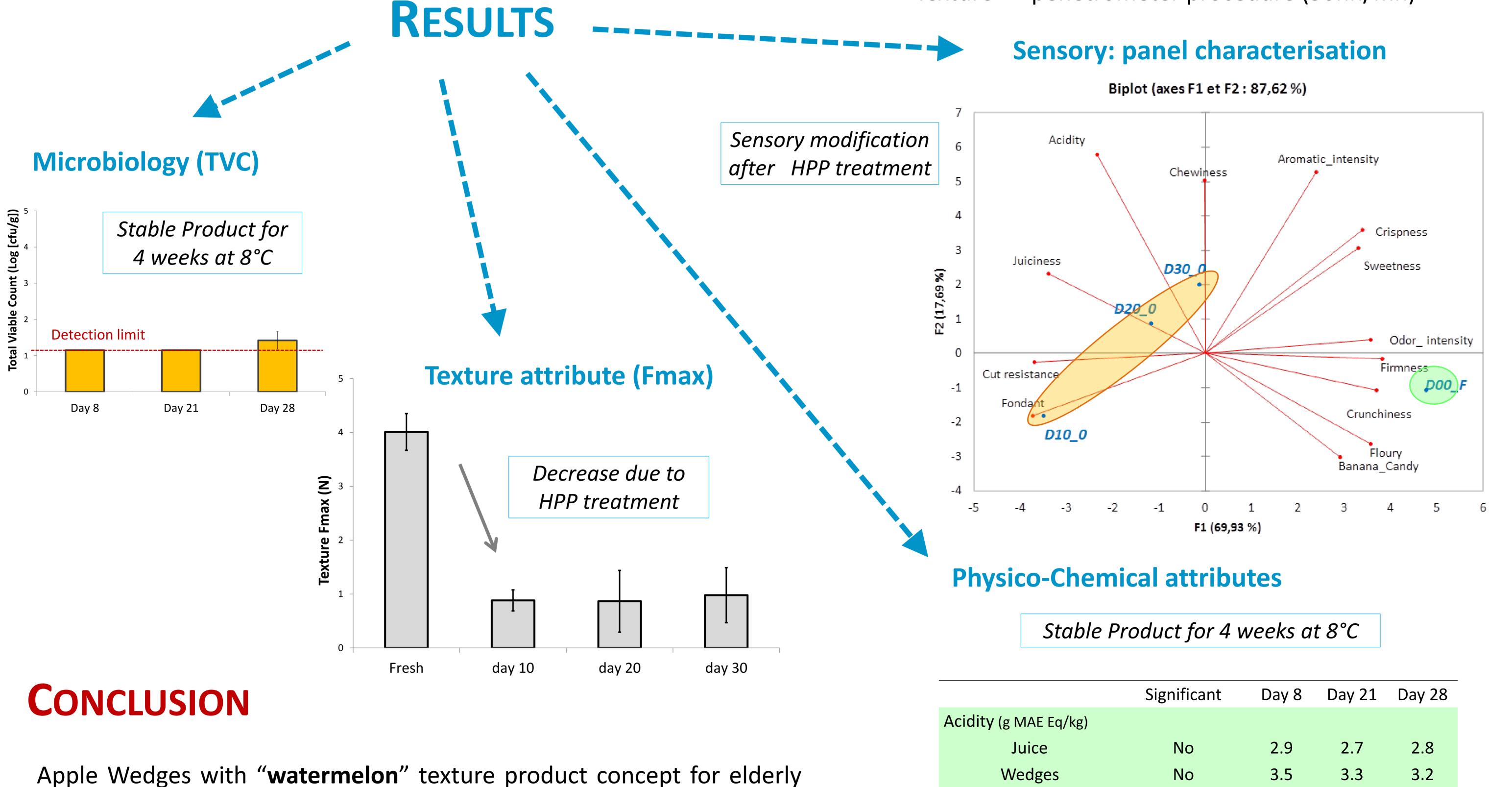
MATERIAL AND METHODS



Soft Texture HPP

The **objective** of the work was to produce **easily to chew apple wedges** products for elderly.

Analysis: Characterisation by a panel expert of 17 judges Physico – chemical (pH, Soluble Solids & acidity) Microbiological (determination of Total Viable Count) Texture => penetrometer procedure (50nn/mn)



have been explored:

After HPP treatment product is safe and little physico-chemical modifications have been observed during 4 weeks storage at 8°C. As expected texture have been correctly modified but some sensory attributes have been impacted by process and storage.

This new unfamiliar product between can and fresh fruit require more work on the concept before carry out a new study od acceptibility with elderly.



рН				
Juice	No	3.86	3.87	3.73
Wedges	No	3.90	3.79	3.71
Soluble Solids (°Brix)				
Juice	No	11.8	11.9	11.6

Acknowledgment



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