

# Índice

Resumen .....	I
Resum .....	V
Abstract.....	IX
Introducción.....	1
Objetivo .....	29
Estructura de la tesis .....	33
Resultados y discusión .....	39
Capítulo 1.....	41
Impact of high hydrostatic pressure and pasteurization on the structure and the extractability of bioactive compounds of persimmon ‘Rojo Brillante’ .....	43
High hydrostatic pressure treatment provides persimmon good characteristics to formulate milk-based beverages with enhanced functionality .....	65
Persimmon milkshakes with enhanced functionality: understanding consumers’ perception of the concept and sensory experience of a functional food.....	95
Capítulo 2.....	123
Tissue microstructure, physicochemical properties and bioactive compound locations in different sweet pepper types .....	125
High hydrostatic pressure treatment as an alternative to pasteurization to maintain bioactive compound content and texture in red sweet pepper .....	149

Use of image analysis to evaluate the effect of high hydrostatic pressure and pasteurization as preservation treatments on the microstructure of red sweet pepper .....	183
New formulations of white sauces with enhanced functionality. A rheological, microstructural and sensory study.....	213
Resumen de resultados .....	253
Conclusions.....	261