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<u>TOP</u> > <u>Available Issues</u> > <u>Table of Contents</u> > Abstract

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High Pressure, a Unique Tool for Food Texturization

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High pressure is used to texturize food with two different strategies consists of using high pressure of several hundred MPa as a gelling any other gelling or coagulating agents. In the second strategy, a m 300 MPa is used as a pretreatment to modify the food components improve the efficiency of the traditional texturing treatment such as or rennet coagulation of milk, and so on. In both cases, pressure ef parameters such as the nature and the concentration of the macrom temperature of pressurization, the holding time and pressure, the pl additives. The behavior of real foods upon pressurization is even n

to that of macromolecular model solutions due to their complex con especially, to the presence of enzymes which are sometimes hardly pressurization. Findings exposed in this article demonstrate that high a unique tool to texturize food and provide products with unique pr

Keywords: <u>high pressure, texturization, high-pressure-induced gele</u> food proteins, polysaccharides, food processing

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