

Special Issue

Effects of Plants' Ingredients on Dough and Final Product

Message from the Guest Editor

At present, there is a growing interest in the industry to manufacture food products containing health-promoting nutrients and to prevent nutrition-related disorders. The addition of plant ingredients represents a valuable strategy to improve food nutritional properties, contributing to the reduction of nutrient deficiencies. The use of composite and gluten-free flours or natural ingredients in the manufacture of bakery, pasta, and breakfast products is a preferred practice. Plant ingredients comprising polysaccharides and fibers, prebiotics and probiotics, lipids, vitamins and minerals, and antioxidants added in food recipes is of interest. This Special Issue is dedicated to contributions investigating the development of new strategies to improve the technological, nutritional, and sensory properties of bakery, pasta, and extruded products. The issue is open to both conventional and gluten-free products.

Keywords: Baked products; Pasta; Extruded products; New product development; Gluten-free products; Technological properties; Rheological properties; Textural properties; Microstructure analysis; Glycemic index; Nutritional value

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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