

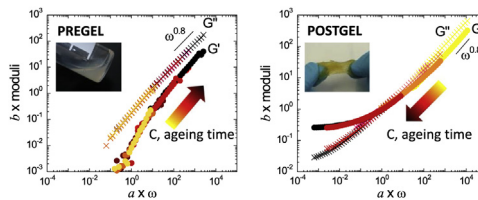
Food Hydrocolloids Vol 52, 2015

Graphical abstracts

Spontaneous gelation of wheat gluten proteins in a food grade solvent

pp. 1–10

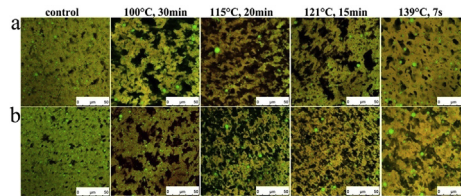
Mohsen Daresh, Amélie Banc, Agnès Duri, Marie-Hélène Morel, Laurence Ramos*



Effects of sterilization conditions and milk protein composition on the rheological and whipping properties of whipping cream

pp. 11–18

Zhao Long, Mouming Zhao, Dongxiao Sun-Waterhouse, Qinlu Lin, Qiangzhong Zhao*

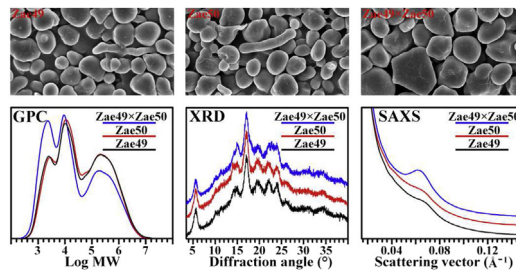


Confocal scanning laser micrographs of whipping creams subjected to different sterilization conditions: (a) NaCN alone system and (b) NaCN/WPC system. Scale bar represents 50 μm . NaCN and WPC refer to sodium caseinate and whey protein concentrate, respectively.

Comparative structure of starches from high-amylose maize inbred lines and their hybrids

pp. 19–28

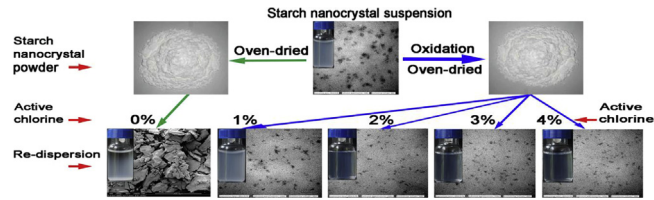
Lingshang Lin, Dongwei Guo, Lingxiao Zhao, Xudong Zhang, Juan Wang, Fengmin Zhang, Cunxu Wei*



Aqueous re-dispersibility of starch nanocrystal powder improved by sodium hypochlorite oxidation

pp. 29–37

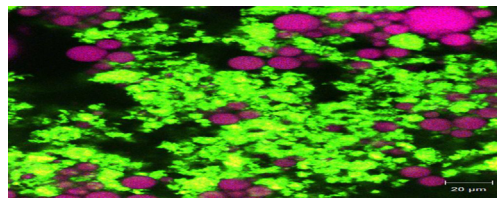
Benxi Wei, Bao Zhang, Binghua Sun, Zhengyu Jin*, Xueming Xu, Yaoqi Tian**



Effects of regenerated cellulose on oil-in-water emulsions stabilized by sodium caseinate

pp. 38–46

Hong-yan Hu, Lu-juan Xing, Ya-ya Hu, Cai-li Qiao, Tao Wu, Guang-hong Zhou, Wan-gang Zhang*

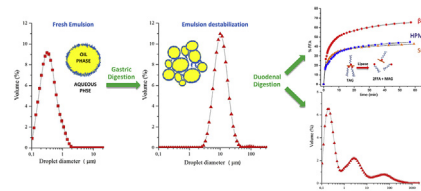


Regenerated cellulose adds the accumulation of sodium caseinate on the fat granule surface in the emulsion system. The stabilization mechanism of emulsions prepared with Sodium caseinate and regenerated cellulose is by thickening and gelling mechanism.

Comparative behavior of protein or polysaccharide stabilized emulsion under in vitro gastrointestinal conditions

pp. 47–56

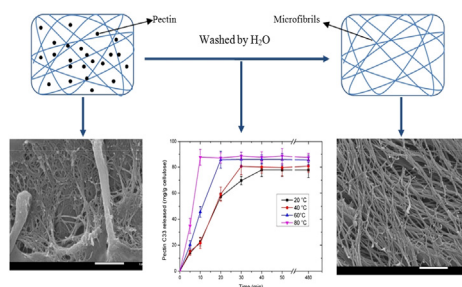
Fernando A. Bellesi, María J. Martínez, Víctor M. Pizones Ruiz-Henestrosa, Ana M.R. Pilosof*



Interactions of pectins with cellulose during its synthesis in the absence of calcium

pp. 57–68

Dehui Lin, Patricia Lopez-Sanchez, Michael J. Gidley*



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