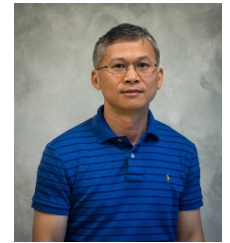
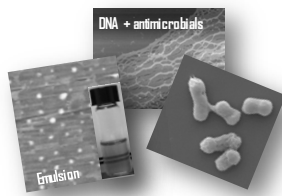


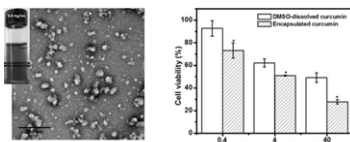
Qixin Zhong, Ph.D., Professor
Director of Graduate Studies
Editor-in-Chief, *Food Biophysics*



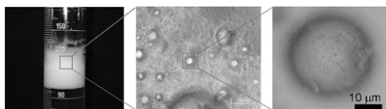
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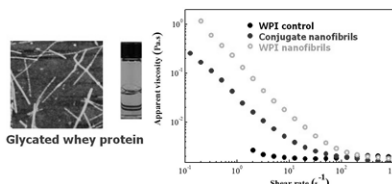
Antimicrobial Delivery Systems as Intervention Strategies



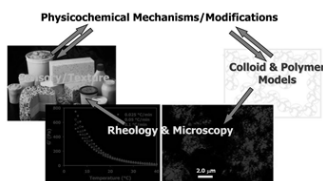
Bioactive Delivery Systems as Functional Foods Ingredients



Interfacial Engineering and Novel Colloidal Systems



Self-assembled Food Materials as Novel Ingredients



Structure and Function of Food Biopolymers & Products

We study the science and technology of food ingredients that are cornerstones making our foods enjoyable, safe, and healthy. Our translational research program applies materials science and engineering principles to understand, improve, and design multi-length scale structures enabling functions of food ingredients.

Research Keywords

Anticancer, Antimicrobials, Bioactive compounds, **Biopolymers**, Colloids, Crystallization, **Dairy Foods**, **Delivery systems**, Emulsions, Encapsulation, Foams, **Food Safety**, Foodborne pathogens, Fresh produce, **Functions**, Gels, **Ingredients**, Interfacial phenomena, Microemulsions, Nanocomposites, Nanoemulsions, **Nanomaterials**, **Nanoparticles**, **Physical properties**, Phytochemicals, **Polysaccharides**, Powder, Probiotics, **Proteins**, Rheology, Sols, **Structures**, Supercritical fluids, Surface properties

Total number of refereed publications	156
Total impact factors (sum of IF of each paper)	650
Average IF of refereed publications	4.166

Journal name	2018 IF	Number of pubs
<i>Advanced Functional Materials</i>	15.621	1
<i>Annual Review of Food Sci. Technol.</i>	8.511	2
<i>Applied and Environmental Microbiology</i>	4.077	2
<i>Biomacromolecules</i>	5.667	3
<i>Compr. Rev. Food Sci. Food Safety</i>	8.738	1
<i>Food Chemistry</i>	5.399	15
<i>Food Control</i>	4.248	2
<i>Food Hydrocolloids</i>	5.839	22
<i>Food Research International</i>	3.579	4
<i>International Journal of Food Microbiology</i>	4.006	11
<i>Journal of Agricultural and Food Chemistry</i>	3.571	26
<i>Journal of Food Engineering</i>	3.625	12
<i>Langmuir</i>	3.683	4
<i>LWT-Food Science and Technology</i>	3.714	10
<i>Soft Matter</i>	3.399	2