

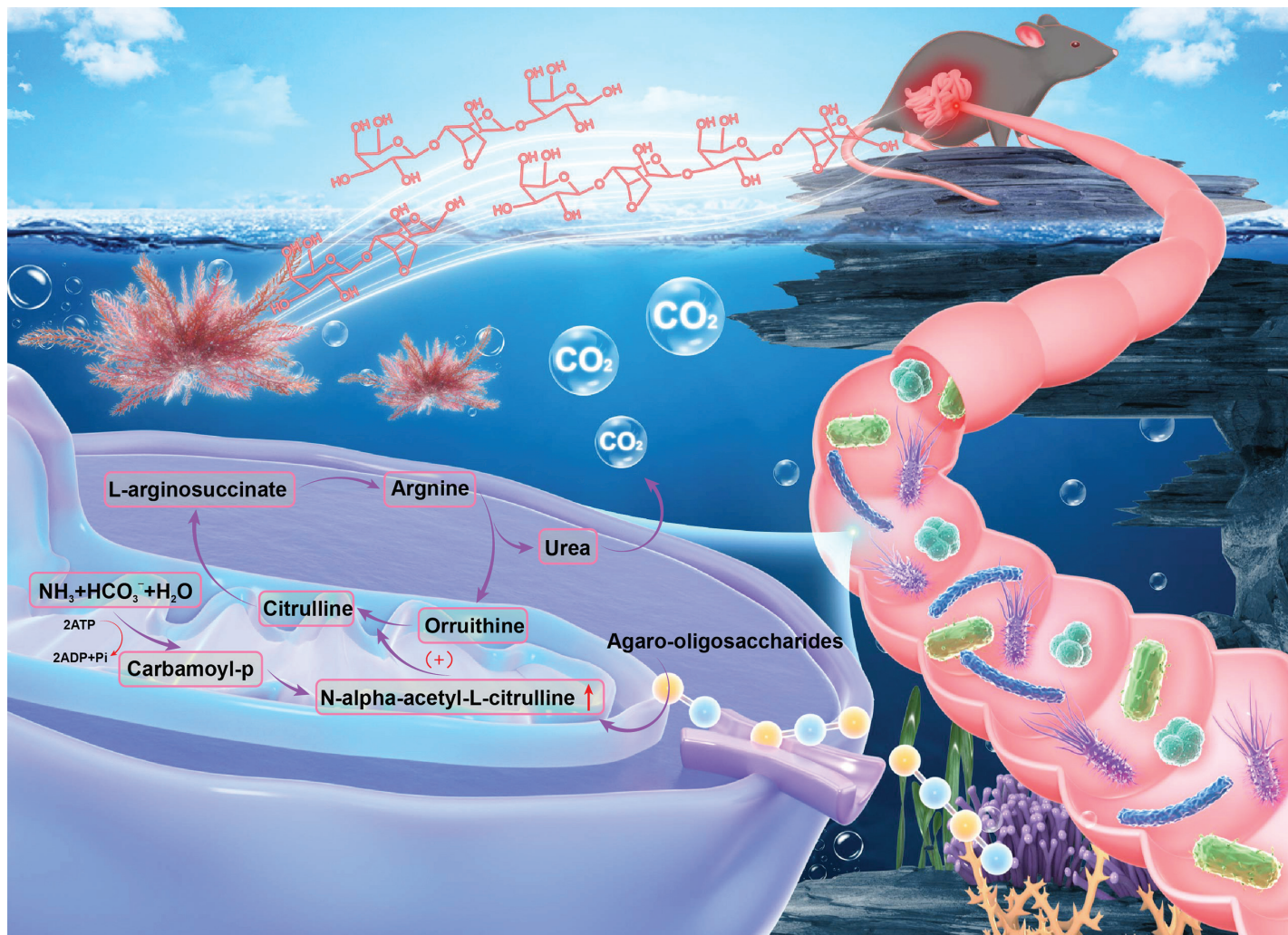
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Showcasing research from Professor Mao Xiangzhao's laboratory, College of Food Science and Engineering, Ocean University of China, Qingdao, 266404, PR China.

Multi-omics analysis reveals that agaro-oligosaccharides with different degrees of polymerization alleviate colitis in mice by regulating intestinal flora and arginine synthesis

We studied and analyzed the beneficial effects of agaro-oligosaccharides with different degrees of polymerization on colitis in mice. The paper focused on analyzing and discussing the regulatory effects of agaro-oligosaccharides on intestinal flora. It additionally reveals the metabolic pathways and the structure-function relationship of agaro-oligosaccharides. It has constructive significance for better understanding the functional effects of agaro-oligosaccharides and developing functional foods.

### As featured in:



See Jianan Sun, Xiangzhao Mao et al., *Food Funct.*, 2024, **15**, 10628.