Aims & Scope:

I believe that this topic could attract the attention of the readers of CMC thanks to the powerful role of nutrition in the prevention and treatment as well as on the induction and perpetuation of chronic disorders. A large number of mounting evidences show that nutrients may act as mediators contributing to the pathophysiology of biological processes, including oxidation, inflammation, and dysfunction. In this respect, healthy dietary patterns can be adopted as simple and easy “medicinal intervention” to cure and to reduce the risk of disorders with a high epidemiological impact.

Keywords: Food, nutrients, intestine, microbiota, oxydative stress, gallstone disease, liver diseases.

Sub topics:

1. Diet and cholesterol gallstones
2. Effects of diet on CCK secretion and gallbladder motility
3. Diet and liver diseases
4. The dietary approach for the treatment of functional gastrointestinal disorders
5. Diet and mitochondrial function
6. Fatty acids and effects on in vitro and in vivo cells of liver steatosis
7. The role of diet on water channels and glycerol transport
8. The food-human axis: the effects of diet on gut, microbioma and metabolome
9. Healthy diet and reduction of chronic disease risks of night shift workers
10. Nutrients and reactive oxigen species
11. Future perspectives