



Diet and Chronic Inflammation: Implication for Disease Prevention, Treatment and Healthy Lifespan

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Diet-induced chronic inflammation is emerging as a significant factor that can affect the incidence and progression of many degenerative conditions, including obesity, diabetes, cardiovascular, osteoarticular, neurodegenerative, autoimmune disease conditions, and cancer, to name a few. The lifespan of humans has been increasing in recent decades, but not necessarily a healthy lifespan (healthspan).

Nutritional and lifestyle intervention could have the most profound impact on disease prevention and on halting disease progression, modifying pro-inflammatory factors. There is a critically important and timely need to improve our knowledge on how nutrients could impact disease susceptibility and progression, including but not limited to dietary fatty acids, polyphenols, antioxidants, vitamin D, highly refined and high glycemic index food products, and animal-derived food products.

A better understanding of the relationships between diet, nutrients, inflammation, and chronic disease risk/progression will allow us to develop improved diets to modulate inflammation, offering a cost-effective, nonpharmacological approach to prevent and treat chronic disease conditions.





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