

Special Issue

The Positive Impact of DNA-Derived Substances on Inflammation, Aging and Associated Symptoms

Message from the Guest Editor

This Special Issue is supervised by with the assistance of our Topical Advisory Panel Member Dr. Ji-Hye Kang (Soonchunhyang University).

PDRN is typically extracted from salmon sperm DNA, and the key functions of PDRN include tissue regeneration, wound healing, and anti-inflammatory effects. Likewise, PN, which is primarily sourced from fish germ cells, has been reported to enhance tissue regeneration. Although PDRN is predominantly recognized for its animal-derived forms, research is increasingly exploring plant-based alternatives.

In this Special Issue, we aim to summarize and expand the understanding of the beneficial functions of DNA-derived substances in inflammation, aging, and associated symptoms. Additionally, we welcome innovative approaches that improve the stability, delivery, and efficacy of PDRN for inclusion in this Special Issue. Furthermore, DNA-derived substances, often referred to as nucleic acid-based therapeutics, encompass a variety of treatments that utilize DNA or RNA segments for therapeutic purposes.

Guest Editor

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