

Special Issue

Advances in Nutritional Screening, Diagnosis, and Therapy with Smart Technologies and AI

Message from the Guest Editor

The impact of artificial intelligence (AI) applications on daily life continues to grow rapidly and significantly. This technology offers the possibility to optimize clinical nutrition, where real-time information on dietary intake, interpreting diets in the context of the person and their health, and generating practical feedback are all possible. AI will allow for personalized nutrition—from the design of parenteral nutrition in a more agile and precise manner, to the selection of optimal formulas for each patient at each moment. The implementation of AI in screening and diagnosis will enable early detection, minimize diagnostic losses, and reduce the time required for diagnosis, allowing for immediate nutritional intervention. The quality of the conclusions drawn by AI requires processes designed to mitigate potential ethical issues. This Special Issue welcomes submissions of original research articles and review articles exploring advances in smart technologies and artificial intelligence for nutritional screening, diagnosis, and treatment, as well as clinical nutritional interventions.

Guest Editor

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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