Special Issue

Databases, Nutrition and Human Health

Message from the Guest Editors

Almost from the very beginnings of nutrition science, databases (in printed or electronic format) have been a fundamental tool in nutrition research, and in the evaluation and dietary planning of individuals and populations. This includes a wide range of databases, such as food composition databases, descriptor databases for use in standardized and structured languages to describe foods, food allergen databases, food intake databases, and even databases for decision-making in food safety and nutrition policies. The importance of databases has increased in recent decades due to the development of computing and big data analysis. Taking advantage of these advances, omics disciplines such as genomics or metabolomics have emerged, which also have their application in the field of nutrition and require specialized databases. Developments in fields such as semantic Web or artificial intelligence are likely to further increase the importance of high-quality and comprehensive databases. The aim of this Special Issue is to provide a broad overview of the applications of databases in nutrition, their development methodologies, as well as the quality requirements they must meet.

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About the Journal

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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