The release of a scientific journal is always something memorable since it is of fundamental importance for the dissemination of the scientific discoveries and of paramount importance for the advances in the researches. In this context, the Journal of Food and Clinical Nutrition aims to contribute to scientific development through the publication of research in the area. Increasingly, healthy food has gained prominence in recent years, in addition to nutritional aspects, research has been dedicated to discovering the possible positive effects of food on the organism. The natural antioxidants found in several foods have aroused interest because they can provide different health benefits by combating reactive oxygen species. The accumulation of these reactive species can lead to irreversible cell damage, such as by oxidation of essential cellular components such as membrane lipids, proteins, and DNA (1). These organelles, when damaged, are more likely to produce free radicals creating a vicious cycle leading to increased cell damage and senescence. Following this line, the endogenous antioxidant defense plays a fundamental role in this process, therefore the importance of the study of alternative possibilities and if possible, sustainable and natural, of compounds that aid in intracellular redox balances. Therefore, the use of natural antioxidants is a promising strategy, especially regarding cell oxidation. Antioxidants have been used to promote health and reduce the risk of diseases such as diabetes, cardiovascular disease, atherosclerosis as well as aging among others (2) searching a healthy aging process. Natural antioxidants have none or few side effects compared to synthetic ones, which can present several bioactivities among them the antioxidant activity presented since they determine the peptide profile (5). In general, natural antioxidants are generally unstable molecules that are sensitive to heat and light, which can cause change or loss of bioactivity by limiting their application. In addition, some of these compounds have other limitations such as unpleasant taste and reduced bioavailability (6). Thus, protecting such compounds from such actions is essential to ensure their properties, encapsulation being a relevant technology to increase their use by isolating the sensitive substance within the capsule (7). It is a reliable technique capable of improving the retention time of the nutrient in the food, allows controlled and directed release, preserves the stability of the compounds during processing and storage, avoids undesirable interactions with the food matrix, retards the degradation processes, masks the taste and increases bioavailability while maintaining the properties of the compound (8-10). Given the great importance of these issues and the potential benefits, it is of the utmost importance that research progresses as well as case reports be widely available to the community in order to contribute to scientific and technological knowledge and development.

REFERENCES