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Editorial

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Editorial

It is with great satisfaction and pride that the editor announces the first issue of 2023, which contains a review article on sun-protective clothing that can protect against sunburns and skin cancer caused by excessive exposure to solar ultraviolet radiation. It is known that the use of sun-protective clothing is a simple, easy, and practical method for UV protection of the human organism. In the review, the readers may find recent research efforts on the development of UV-protective compound-containing smart fabrics highlighting the UV-blocking properties and multifunctional activities. It describes an update on the progress in the incorporation, coating, and anchorage of UV-protective compounds in textile fibers that may enhance the UV-blocking ability and/or promote functional finishings to smart fabrics. Following the review, another review deals with the antioxidant activity of *Garcinia* species, reporting *in vitro* and *in vivo* assays, described from the last five years. Some species of the *Garcinia* genus are used in the treatment of many diseases and metabolic disorders frequently associated with oxidative stress. The characteristic metabolites found in this genus are xanthones and benzophenones, which have antioxidant properties, among relevant biological potentials. Following these reviews, the readers find the in-silico evaluation of some tetrahydroquinoline derivatives with pyrazole and hydrazide moieties against human lung cancer cell lines and the demonstration by molecular docking analysis that some compounds show good binding affinity towards the studied protein. The results may open the door for the design and development of a library of efficient tetrahydroquinoline-based drug-like compounds as potential anti-lung carcinoma agents. In the sequence, a description of a new, quick, easy, affordable, and eco-friendly simultaneous spectrophotometric method for determining a combined sitagliptin and metformin hydrochloride in pharmaceutical formulations is presented, which was validated using two chemometrics techniques; no samples preparation or separation before analysis is needed. The proposed method is dependable to be adopted as an alternative analytical method in the pharmaceutical industry's quality control.

The Editor and his team thank all authors for their valuable contributions and reviewers for their outstanding collaboration, and convinced of the high quality of the articles, kindly invite you to submit your manuscript to **Eclética Química**.

Assis Vicente Benedetti
Editor-in-Chief of EQ