

## Special Issue

# Synthesis and Application of Natural and Inspired-Natural Products

### Message from the Guest Editor

The therapeutic panorama has been recently changed, pointing out the importance of natural sources and their derivatives. Natural substances, a large and diverse group of substances such as alkaloids, flavonoids, glycosides, polyphenols, amino acids, and peptides of plant, microbial, and animal origin, increasingly represent a huge potential reservoir for identifying new therapeutic targets, developing new therapies, and understanding complex biological mechanisms. Natural products are the link between ancient wisdom and modern research; in fact, they are able to express different activities such as antioxidant, antifungal, antibacterial, anti-inflammatory, antiviral, hepatoprotective, and neuroprotective, and therefore they are increasingly used. Furthermore, in recent years, numerous studies have demonstrated the ability of compounds of natural origin to improve the effects of antitumor or antimicrobial drugs, helping to overcome the phenomenon of resistance of tumor cells or microorganisms to treatment with drugs or antibiotics.

### Guest Editor

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### Message from the Editor-in-Chief

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