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Structure Identification and Functional Mechanism of Natural Active Components

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Message from the Guest Editor

In recent years, the natural active components derived from plants have attracted widespread attention because of their abundant species and source advantages. With the continuous deepening of research, flavonoids, alkaloids and other natural substances have gradually been recognized due to their extensive functional characteristics. Studies have shown that many natural active components have broad-spectrum biological activities, such as antioxidant, antihypertensive, hypoglycemic, anti-inflammatory, antibacterial, anticancer, enzyme-inhibiting activity, etc., which are valuable sources of research and development in food functional factors and novel drugs. Systematical studies on the structure of components, physiological activities, structure–activity relationship, and mechanisms of action for active components using modern scientific methods and experimental means are hot research topics. In addition, the explorations of the combined effect and mechanism of various natural bioactive substances will provide a micro-ethical basis for



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Message from the Editor-in-Chief

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