

Special Issue

Modes of Action of Polyamine Metabolism

Message from the Guest Editor

Polyamines are N-containing essential compounds in all living organisms. Their metabolism is highly connected to other significant signal pathways, hormones and metabolites, making them hub molecules. Despite an enormous effort to study polyamine-mediated signal pathways and metabolic interactions, there is a lack of knowledge about the precise molecular modes of action of polyamine biosynthesis, degradation and transport mechanisms. New emerging evidence about the significance of polyamines is not only in development but also stress-induced responses support the aim of this Special Issue to deepen our knowledge of PA-related interactions. It is an urgent need to decipher these mechanisms not only in single organisms but also in more complex interactions between, for example, plants and microbes, or between microbes and the human body. This Special Issue invites contributors to publish their important work to describe new modes of action, polyamines-related metabolic modifications or molecular responses supporting the role of polyamines as growth regulators and hub molecules.

Guest Editor

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