

## Special Issue

# Scientific Evidence-Based Applications of Polyamines in Pharmaceuticals Science

### Message from the Guest Editor

The importance of polyamines (spermine and spermidine) in the development and function of living organisms has long been known, and in recent years they have also been implicated in age-related diseases and senescence. In particular, the importance of polyamines supplied by food and the intestinal tract as well as those synthesized within the body's cells is now widely recognized. Arginine and S-adenosylmethionine, essential for polyamine synthesis, are also important substances involved in various functions in vivo. In other words, changes in polyamine metabolism have a significant effect on the physiological activity elicited by these substances in addition to the physiological activity possessed by polyamines. In this Special Issue, we would like to collect research results on the involvement of polyamines in diseases and their diagnosis and potential for the prevention and treatment of these diseases.

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### Guest Editor

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### Deadline for manuscript submissions

closed (5 August 2025)



## Pharmaceuticals

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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