



## Recent Advances in Alkaloids and Their Derivatives

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Deadline for manuscript  
submissions:

**closed (30 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

Alkaloids are a class of naturally occurring structurally diverse compounds containing nitrogen atoms, many of which exhibit potent bioactivities. A wide range of organisms, including plants, amphibians, marine organisms, and microorganisms, are known to produce nitrogen-containing secondary metabolites. Since the isolation of morphine in the early 19th century, numerous alkaloids have been discovered and studied for their biological activities. Some have been used clinically as medicines, and others as pesticides.

This Special Issue of *Molecules* covers the broad subject of alkaloids, including their isolation and structure elucidation, biological activities, structure modification or semi-synthesis, total synthesis, and structure–activity relationships.

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## Message from the Editor-in-Chief

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**Journal Rank:** JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

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