



## Deuterium Depletion: From Basic Research to Novel Therapeutic Approaches

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (29 February 2024)**

### Message from the Guest Editor

This Special Issue will mainly focus on the role of deuterium and/or the deuterium/hydrogen ratio in the regulation of cell cycle, cell metabolism and about the therapeutic efficacy of deuterium depletion in a wide range of indications. The issue will focus on deuterium depletion as a new drug development strategy and its clinical implementation. Submissions proving the efficacy of deuterium depletion in other indications will also fit the scope of the Special Issue.

Deuterium depletion is an emerging field of research. In *recent years, the number of publications* examining the effects of deuterium-depleted water (DDW) in different biological systems has increased across a wide array of fields, including cancer and metabolic disease research, depression, cognitive functions, and aging. The Special Issue of *Biomedicines* is a collection of papers centered around the basic and clinical research of deuterium depletion organized and led by subject experts.

We cordially invite authors in the field to submit original research or review articles pertaining to this important and fast-progressing field of biomedicine.





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## Message from the Editor-in-Chief

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