



## The Effects of Ketones on Metabolic Function

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (30 June 2019)**

### Message from the Guest Editors

Dear Colleagues,

Once considered “metabolic garbage”, ketones have become the focus of significant efforts within the realm of cardiometabolic research. Recent discoveries have revealed that ketones, such as acetoacetate and its precursor  $\beta$ -hydroxybutyrate ( $\beta$ -HB), are not only viable fuel sources for all cells with mitochondria, including the brain, but are also legitimate signaling molecules, eliciting advantageous changes in inflammation, cognition, oxidative stress, and more.

We invite authors to contribute original research articles, as well as review articles that will illustrate and stimulate the blossoming effort to understand the role of ketones in diverse metabolic models and conditions. The accepted papers will highlight to readers the metabolic relevance of ketones and, thus, potentially provide a new paradigm on the role of ketones in altering cellular function.

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*Guest Editors*





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## Message from the Editor-in-Chief

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