



## Physiological Functions of Trace Essential Elements in Animal Organisms

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Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

Dear Colleagues,

In order to maintain many vital processes trace essential elements, also called as micro-minerals, must be present in living organisms within certain concentration ranges. Deficiency in any of trace essential elements leads to undesirable pathological conditions that can be prevented or reversed by adequate supplementation of animal diets. On the other hand, dietary excesses of essential elements (like Se, Cr or Cu) can cause direct toxic effects to animals and indirect effects that can cause a secondary deficiency of other trace elements.

Developments in the knowledge of physiological functions of trace essential elements in animal organisms, the influence of dietary essential elements on animal growth parameters, new chemical form of essential elements in diets, interactions between essential elements with other elements or biomolecules in animal organisms, the impact of dietary components, elements on the yield of bioaccumulation of essential trace elements in selected tissues of animals, are needed. Contributions on any of these topics or others related to them, including original research papers and literature reviews, are welcome for this Special Issue.





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## Message from the Editor-in-Chief

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