



animals



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Trace Minerals in Livestock Production

Guest Editor:

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submissions:

closed (31 May 2021)

Message from the Guest Editor

Dear Colleagues,

Trace minerals support a variety of critical biological processes, including immune function, reproduction, and growth. In addition to classically understood functions of trace minerals, new roles for these small but mighty components of animal diets are being identified all the time. For example, both copper and zinc are now known to influence cell signaling pathways through their effects on cyclic AMP concentrations. Continued refinement of our understanding of the trace mineral requirements of production livestock is needed, as deficiencies are detrimental to production efficiency, and excess is potentially detrimental to the environment.

This Special Issue invites original research, reviews, and short communications on the roles of trace minerals in livestock production. In particular, research regarding the movement toward more precise supplementation of trace minerals to livestock is of interest. Additionally, research exploring the cellular functions of trace minerals and subsequent implications for livestock production is invited.

Dr. Stephanie Hansen

Guest Editor



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Special *Issue*



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Editor-in-Chief

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Message from the Editor-in-Chief

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