



Current Topics in Trace Element and Mineral Research

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Message from the Guest Editor

In recent decades, it has become obvious that trace elements and minerals are more than just electrolytes. Nearly each of these elements now has its own scientific society to cover the multifaceted functions of these ions. In 2021 and 2022, the first two joint meetings of four of these societies aim to implement a broader view on the interaction of all these trace elements and minerals. Our current knowledge shows that trace elements and minerals are indispensable for fundamental cellular functions such as replication, mitosis, cell signaling, and cellular differentiation and have a special impact on all organ systems. Furthermore, deficiencies as well as intoxications are described for these elements. More recent research in the field is focused on exploring interactions of all these elements, aiming to establish a metallome. This Special Issue will summarize the current state of this emerging field.





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Message from the Editor-in-Chief

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