# Special Issue

# Metals and Metal Complexes in Cell Signaling

## Message from the Guest Editor

This Issue will focus on the newest findings about the role of metals in cell signaling, including all aspects of signal reception, transduction, and response. The tentative subjects include the following: metal cofactor-driven signaling mechanisms,
oxidation state-related cellular aspects of metal-dependent signaling,
oxidative stress and its role in metal-related cellular signaling pathways,
the influence of metals on cell homeostasis,
mechanisms of regulation of the metal levels in cells,
the influence of heavy metals on cellular regulation pathways,
metal-related cancer-signaling pathways,
metal-binding sites in proteins,
metallic sites regulation by signaling molecules,
special roles of metals in the organs analyzed at a cellular level,
metallic and metal-sensing probes applied in monitoring of cellular processes. Both review and original papers are welcome. Authors are encouraged to suggest any other aspects of the metal-related cell signaling, according to their knowledge and expertise.

## Guest Editor

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## Deadline for manuscript submissions

closed (20 February 2022)

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# About the Journal

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Editor-in-Chief

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