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Fe-S Proteins in Health and Disease

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Deadline for manuscript
submissions:
closed (31 July 2021)

Message from the Guest Editor

Dear Colleagues,

Iron-sulfur (Fe-S) clusters are ubiquitous redox active prosthetic groups typically involved in electron transfer (e.g., mitochondrial respiration) in essential cellular processes. However, Fe-S proteins were recently found in most of the eukaryotic organelles supporting diverse and unexpected functions (e.g., DNA polymerases and repair, transcriptional regulators). Because of the essential cellular roles played by Fe-S proteins, defects in either Fe-S proteins or the biogenesis/repair of their cluster lead to several human diseases, including neurologic dysfunction, cancer and diabetes.

We cordially invite authors in the field to submit original research or review articles highlighting the implications of Fe-S proteins in diseases and human health, including the development of drugs targeting Fe-S proteins.

Dr. Marie-Pierre Golinelli-Cohen
Guest Editor



mdpi.com/si/39266

Special Issue



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Message from the Editor-in-Chief

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