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The Role of DNA Repair in the Plant Response to Abiotic Stress

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

Dear Colleagues,

As you all know, genome preservation is essential for all living organisms. Cells continually undergo DNA damage due to both endogenous and exogenous factors, and this can compromise plant growth and development. Specific DNA repair pathways are required to repair determinate types of lesions. Understanding how these pathways work and are regulated can aid in developing plants with multistress resistance. Hence, this is one of the current "hot topics" that addresses challenges related to climate change and its effect on plant productivity and food security. Over the years, many studies have been dedicated to identifying genes/proteins involved in DNA repair, and with the aid of cutting-edge biotechnological applications, this information can be translated into useful applications. Therefore, for the current Special Issue, we would like to gather a collection of articles, including original research, review, opinion papers, and communications dedicated to broadening the knowledge related to DNA repair pathways and plant adaptation to climate change.

Dr. Anca Macovei Guest Editor













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Message from the Editor-in-Chief

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