

Special Issue

Recent Advances in Abiotic Stress Signaling

Message from the Guest Editor

Our cells are continuously exposed to various abiotic stresses such as pathogens, ultraviolet, heavy metals, and reactive oxygen species, and then activate stress signaling to induce appropriate stress responses, including gene inductions, inflammation, and cell death. Meanwhile, our cells are also exposed to human-made abiotic stresses, such as drugs, food additives, toxic byproducts, and environmental pollutants. These chemicals somehow stimulate stress sensing mechanisms, and then perturb the stress signaling, resulting in the induction of the adverse reactions. In this Special Issue, studies of a wide range of signaling mechanisms and pathological processes associated with abiotic stresses are welcome.

Guest Editor

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