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Environmental Stress and Gene Regulation

Edited by **K.B. Storey**

Environmental physiology and comparative biochemistry are shifting to a new level of focus – the gene. New developments in molecular biology have allowed screening and analysis of gene expression to be used for novel explorations of organismal responses to environmental stress.

Environmental Stress and Gene Regulation is the first book to review this new and important field. It highlights the latest techniques and describes in detail how environmental hardship can exert profound effects upon gene expression in both animals and plants. Selected topics cover a variety of stress conditions, in particular low and high temperature, the threat of freezing, oxygen limitation, reactive oxygen species, and environmentally-cued programmed cell death.



Subject category:
Genetics/Molecular Biology

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