Biochemical Adaptation To Environmental Change

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Animals and Environmental Fitness: Physiological and Biochemical. - Google Books Result Changes in gene expression are likely to play a critical role in both acclimation and adaptation to a changing environment. There is a rapidly growing body of evidence that a large number of genes are regulated in response to changes in the environment. This has implications for the study of adaptation and evolution, as well as for the development of new strategies for the manipulation of genes and gene expression. The study of gene expression as a response to environmental change is an important part of the field of evolutionary biology.