

Physiomics

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Abstract: Physiomics is that branch of omics that uses large scale databases and experimental databases along with computer algorithms to study the physiological phenotypes of genes, proteins and their relationships. It deals with studying the physiome, the total integration of genome, proteome and metabolome, from cells to organisms. It is a very useful branch that has been actively used in studying drug development, various interactions and biosensor as well as biochip development. © 2008 Bentham Science Publishers Ltd.

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