

DISEASE PATHWAYS

An Atlas of Human Disease Signaling Pathways

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Disease Pathways: An Atlas of Human Disease Signaling Pathways is designed to fill a void of illustrated reviews about the cellular mechanisms of human diseases. It covers 42 of the most common non-oncologic diseases and illustrates the connections between the molecular causes of the disease and its symptoms. This resource provides readers with detailed information about the disease molecular pathways, while keeping the presentation simple.

Pathway models that aggregate the knowledge about protein–protein interactions have become indispensable tools in many areas of molecular biology, pharmacology, and medicine. In addition to disease pathways, the book includes a comprehensive overview of molecular signaling biology and application of pathway models in the analysis of big data for drug discovery and personalized medicine.

This is a must-have reference for general biologists, biochemists, students, medical workers, and everyone interested in the cellular and molecular mechanisms of human disease.

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