



cells



Special Issue Reprint

PI3K/AKT/mTOR Signaling Network in Human Health and Diseases

www.mdpi.com/books/reprint/10392

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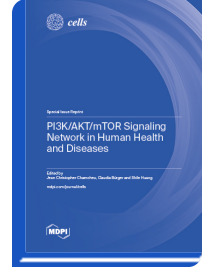
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ISBN 978-3-7258-2774-9 (Hardback)

ISBN 978-3-7258-2773-2 (PDF)



In recent years, researchers have shown a special interest in the role of signaling pathways as disease molecular targets and capitalized on such pathways to derive natural products, biologics, and synthetic scaffold-based prevention and treatments. These can lead to naturally available, efficacious, low-cost, and minimally toxic long-term therapies for human diseases. This Special Issue of *Cells* comprises an array of literature reviews, original communications, and studies on the roles of the PI3K/AKT/mTOR and associated pathways in a diversity of pathways using in vitro cell-based assays and preclinical animal models. The authors of the papers also explore technologies designed to improve the bioavailability and delivery of certain compounds. In lieu of ongoing research on a variety of human disorders, the wealth of information published in this Special Issue can act as a springboard for the identification of novel disease targets and the development of new preventive and therapeutic modalities for the management of human diseases.



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