

Special Issue

Translational Medicine: From Gene Discovery to Drug Discovery

Message from the Guest Editors

Translational medicine represents a pivotal interface between scientific discoveries and clinical implementation by enabling the conversion of laboratory-based discoveries into tangible diagnostic and therapeutic advancements. The current translational research aims to elucidate the molecular and cellular mechanisms underlying, and the development of targeted, mechanism-focused diagnostics and therapeutics to improve patient outcomes. This Special Issue invites submissions that address critical scientific knowledge gaps bridging preclinical research and clinical applications. We particularly welcome studies that advance the translation of fundamental discoveries into innovative strategies for the diagnosis and treatment of genetic and common disorders.

Guest Editors

Dr. Talat Nasim

Dr. Khaled Habas

Dr. Merve Yuzbasioglu Baran

Dr. Maria Osei-Wusuansa

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BioChem
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biochem@mdpi.com

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Message from the Editor-in-Chief

BioChem is an international and interdisciplinary open access journal encompassing the fields of molecular biology, cell biology, structural biology, nucleic acid biology, chemical biology, synthetic biology, disease biology, biophysics, and theoretical biochemistry. It publishes reviews, research articles, communications, and letters. Our aim is to encourage scientists to publish their experimental and theoretical research in as much detail as possible.

Editor-in-Chief

Prof. Dr. Buyong Ma
School of Pharmacy, Shanghai Jiaotong University, Shanghai, China

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