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Special Issue Reprint

Integrative Multi-Omics in Biomedical Research

www.mdpi.com/books/reprint/4705

Edited by
Christopher Gerner
Michelle Hill

ISBN 978-3-0365-2582-2 (Hardback)

ISBN 978-3-0365-2583-9 (PDF)



Genomics technologies revolutionised biomedicine research, but the genome alone is not sufficient to capture biological complexity. Postgenomic methods, typically based on mass spectrometry, comprise the analysis of metabolites, lipids, and proteins and are an essential complement to genomics and transcriptomics. Multidimensional omics is becoming established to provide accurate and comprehensive state descriptions. This book covers the latest methodological developments for, and applications of integrative multi-omics in biomedical research.



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