



Chemical Genomics: Reviews and Protocols

By -

Humana Press Inc. Paperback. Book Condition: New. Paperback. 280 pages. Dimensions: 9.2in. x 6.1in. x 0.7in. Chemical genomics is an exciting new field that aims to transform biological chemistry into a high-throughput industrialized process, much in the same way that molecular biology has been transformed by genomics. The interaction of small organic molecules with biological systems (mostly proteins) underpins drug discovery in the pharmaceutical and biotechnology industries, and therefore a volume of laboratory protocols that covers the key aspects of chemical genomics would be of use to biologists and chemists in these organizations. Academic scientists have been exploring the functions of proteins using small molecules as probes for many years and therefore would also benefit from sharing ideas and laboratory procedures. Whatever the organizational backgrounds of the scientists involved, the challenges of extracting the maximum human benefit from genome sequencing projects remains considerable, and one where it is increasingly recognized that chemical genomics will play an important part. Chemical Genomics: Reviews and Protocols is divided into two sections, the first being a series of reviews to describe what chemical genomics is about and to set the scene for the protocol chapters. The subject is introduced by...



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Reviews

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