

Functional Disulphide Bonds

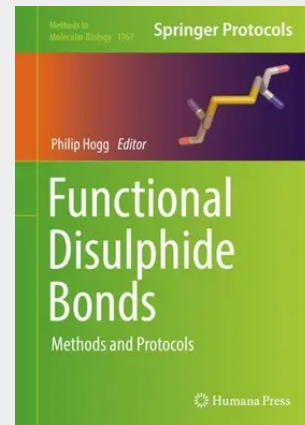
Methods and Protocols

This book describes the current techniques used to study functional disulphides and to exploit them for therapeutic outcomes. Beginning with how disulphide bonds are classified and how to study their evolution, the volume then continues with protein chemical, molecular dynamics, and force spectroscopy techniques used to identify functional disulphides and/or study their behavior, then focuses on techniques employed in the study of the factors that cleave and/or form disulphide bonds. Methods to study how particular functional disulphides are assayed in mouse and human tissues are likewise examined, amongst many other subjects. Written for the highly successful *Methods in Molecular Biology* series, chapters include introductions to their respective topics, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and tips on troubleshooting and avoiding known pitfalls.

Authoritative and practical, *Functional Disulphide Bonds: Methods and Protocols* serves as a vital guide to this evolving area of study.

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