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Nota di contenuto	Cover -- Title -- Copyright -- End User License Agreement -- Contents -- Foreword -- Preface -- CONSENT FOR PUBLICATION -- CONFLICT OF INTEREST -- ACKNOWLEDGEMENTS -- Dedication -- Introduction to Structural Bioinformatics -- MOTIVATION -- BIOINFORMATICS -- Bioinformatics Approaches -- Static -- Dynamic -- Structural Bioinformatics -- Software and Tools -- Open-source Bioinformatics Software -- Web Services in Bioinformatics -- Virtual Screening -- Homology Modeling -- Steps of Homology Modeling -- Accuracy -- Importance of Homology modeling -- Homology Modeling Tools -- UniProt KB -- Structure Prediction Tools -- Model Validation Tools -- Sequence Analysis Tools -- Model Visualization Tools -- Virtual Screening and Docking -- Recent Advancements in Computational Drug Design -- REFERENCES -- Protein Primary Sequence Analysis -- MOTIVATION -- PROTPARAM EXPASY -- Introduction -- Brief Instructions -- Requirements -- Input -- Sequence Submission -- RESULTS INTERPRETATION -- CONCLUSION -- LIMITATIONS OF PRIMARY SEQUENCE ANALYSES -- ProtParam Expassy -- REFERENCE -- Secondary Structure Analyses -- MOTIVATION -- SECONDARY STRUCTURE OF PROTEINS -- PROFUNC -- Brief Instructions -- Requirements -- Input -- Sequence Submission --

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