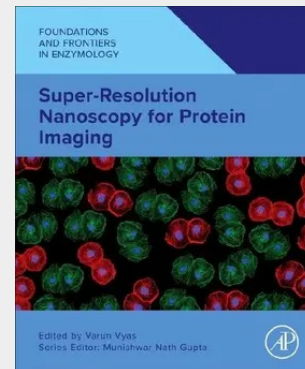


Super-Resolution Nanoscopy for Protein Imaging

Super-Resolution Nanoscopy for Protein Imaging decodes the intricate world of protein visualization using cutting-edge nanoscopic techniques. This comprehensive guide is crafted to equip master students, PhD candidates, and early-stage researchers with essential knowledge and practical insights into advanced protein imaging technologies. The book covers foundational principles, innovative methodologies, and real-world applications, providing a complete resource for mastering the complexities of protein imaging. This book offers a unique compilation of diverse nanoscopic methods, overcoming the limitation of technique-specific texts currently available. By collecting scattered information into a single volume, it delivers an in-depth exploration of imaging techniques, from Atomic Force Microscopy (AFM) to Electron Microscopy (EM), and Single Molecule Fluorescence Imaging. Each section delves into instrumentation, sample preparation, data analysis, and the latest developments, making it an indispensable reference for understanding how to visualize proteins in their natural environments.

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