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Sommario/riassunto

Advances in fluorescent proteins, live-cell imaging, and superresolution instrumentation have ushered in a new era of investigations in cell biology, medicine, and physiology. From the identification of the green fluorescent protein in the jellyfish Aequorea victoria to the engineering of novel fluorescent proteins, The Fluorescent Protein Revolution explores the history, properties, and applications of these important probes.The book first traces the history of fluorescent proteins and the revolution they enabled in cellular imaging. It then discusse