

1. Record Nr.	UNINA9910143407703321
Titolo	Green fluorescent protein [[electronic resource] ] : properties, applications, and protocols // edited by Martin Chalfie, Steven R. Kain
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2006
ISBN	1-280-28688-1 9786610286881 0-470-32559-3 0-471-73949-9 0-471-73948-0
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (486 p.)
Collana	Methods of biochemical analysis ; ; v. 47
Altri autori (Persone)	ChalfieMartin KainSteven
Disciplina	543.8 572.6 572/.6
Soggetti	Green fluorescent protein Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Discovery of green fluorescent protein / Osamu Shimomura -- Photons for reporting molecular events: green fluorescent protein and four luciferase systems / J. Woodland Hastings and James G. Morin -- Biochemical and physical properties of green fluorescent protein / William W. Ward -- The three-dimensional structure of green fluorescent protein and its implications for function and design / George N. Phillips, Jr -- Molecular biology and mutation of green fluorescent protein / David A. Zacharias, Roger Y. Tsien -- Discovery and properties of GFP-like proteins from nonbioluminescent anthozoa / Konstantin A. Lukyanov ... [et al.] -- Evolution of function and color in GFP-like proteins / Mikhail V. Matz, Yulii A. Labas, and Juan Ugalde -- The uses of green fluorescent protein in prokaryotes / Raphael H. Valdivia, Brendan P. Cormack, and Stanley Falkow -- The uses of green fluorescent protein in yeasts / Amy L. Hitchcock, Jason A. Kahana, and Pamela A. Silver -- Uses of GFP in <i>Caenorhabditis elegans</i> / Oliver

Hobert and Paula Loria -- Green fluorescent protein applications in drosophila / Tulle Hazelrigg and Jennifer H. Mansfield -- The uses of green fluorescent protein in plants / Jim Haseloff and Kirby R. Siemering -- Uses of GFP in transgenic vertebrates / Sean Magason ... [et al.] -- The uses of green fluorescent protein in mammalian cells / Theresa H. Ward and Jennifer Lippincott-Schwartz -- Practical considerations for use of reef coral fluorescent proteins in mammalian cells: applications in fluorescent microscopy and flow cytometry / Yu Fang ... [et al.] -- Pharmaceutical applications of GFP and RCFP / Nicola Bevan and Stephen Rees -- Reassembled GFP: detecting protein-protein interactions and protein expression patterns / Thomas J. Magliery and Lynne Regan.

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### Sommario/riassunto

Since the discovery of the gene for green fluorescent protein (GFP), derived from jellyfish, this protein that emits a green glow has initiated a revolution in molecular biosciences. With this tool, it is now possible to visualize nearly any protein of interest in any cell or tissue of any species. Since the publication of the first edition, there have been tremendously significant technological advances, including development of new mutant variants. Proteins are now available in yellow and blue, and Novel Fluorescent Proteins (NFPs) have expanded their utility in developing biosensors, biolog

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2. Record Nr.	UNINA9910411260003321
Autore	Areddu, Andrea
Titolo	Contributo allo studio degli itinerari culturali / Andrea Areddu
Pubbl/distr/stampa	Napoli, : Editoriale scientifica, 2019
ISBN	978-88-93915-69-4
Descrizione fisica	326 p. ; 23 cm
Collana	Contributi di diritto amministrativo. Studi e monografie ; 14
Disciplina	343.07891
Locazione	FSPBC DECBC
Collocazione	IX G 178 CSTGRD11A
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia