1. Record Nr. UNINA9911146491603321

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Titolo	Copyright law for librarians and educators : creative strategies and practical solutions / / Kenneth D. Crews
Pubbl/distr/stampa	Chicago, : ALA Editions, 2020 Chicago, [Illinois] : , : ALA Editions, , [2020] ©2020
ISBN	9780838946916 0-8389-4690-9 0-8389-4691-7
Edizione	[Fourth edition.]
Descrizione fisica	1 online resource (xii, 308 pages) : illustrations
Classificazione	LAN000000LAN025000
Disciplina	346.730482
Soggetti	Copyright - United States Fair use (Copyright) - United States Teachers - United States Librarians - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from eBook information screen..
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I: the reach of copyright -- Part II: rights of ownership -- Part III: fair use -- Part IV: focus on education and libraries -- Part V: special features.
Sommario/riassunto	Readers will learn basic copyright definitions and key exceptions for education and library services; find information quickly with “key points” sidebars, legislative citations, and cross-references; get up to speed on fresh developments, such as how the recently signed Marrakesh Treaty expands access for people with disabilities and why the latest ruling in the Georgia State University case makes developing a fair use policy so important; understand the concept of fair use, with fresh interpretations of its many gray areas that will aid decision making; learn the current state of affairs regarding mass digitization, Creative Commons, classroom use and distance education, the Digital Millennium Copyright Act, and other important topics; receive guidance on setting up on a copyright service at a library, college, or university; and find many helpful checklists for navigating copyright in various

		situations.This straightforward, easy-to-use guide provides the tools librarians and educators need to take control of their rights and responsibilities as copyright owners and users.

2.	Record Nr.	UNINA9911148583703321
	Titolo	Subcellular fractionation : a practical approach / / edited by J.M. Graham and D. Rickwood
	Pubbl/distr/stampa	Oxford ; ; New York, : IRL Press at Oxford University Press, c1997 Oxford University Press, [1997]
	ISBN	1-283-66474-7 0-19-159161-0 0-585-48392-2
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (360 p.)
	Collana	The practical approach series
	Altri autori (Persone)	GrahamJ. M <1943-> (John M.) RickwoodD (David)
	Disciplina	571.6/5
	Soggetti	Subcellular fractionation
	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	Cover; Contents; List of contributors; Abbreviations; 1. Homogenization of tissues and cells; 1. Introduction; 2. Aims of the homogenization procedure; 3. Influence of sample type; 4. Homogenization media; 5. Methods of homogenization; Type 1 homogenizers; Type 2 homogenizers; 6. Homogenization of tissues and cells; Mammalian liver; Brain; Muscle; Mammalian tissue culture cells; Plant organelles; Yeast; Other fungi and algae; Trypanosomes; Bacteria; References; 2. Isolation of subcellular fractions; 1. Introduction; 2. Composition of a tissue homogenate; 3. Properties of cell organelles Factors affecting organelle density and size4. Centrifugal methods for the separation of organelles; Separation by size; Separation by density; Density perturbation; 5. Non-centrifugal procedures; Immunoisolation; Separation by electrophoresis; 6. Identification of separated material; Marker enzymes; Introduced markers for endocytic and exocytic

pathways; Characteristic non-enzymatic proteins; 7. Assessment of the purity of fractions; Purity and purification; Problems from cell heterogeneity within tissues; Problems arising from organelle fragmentation
Missorting in the exocytic and endocytic pathways8. Fractionation problems; No separation; Aggregation following resuspension of a fraction; Poor recovery of markers; Damage to cell structures; 9. A systematic approach to cell fractionation; Preliminary studies; Determination of the properties of components of the homogenate; Method development; Simplification of the separation; References; 3. Isolation and characterization of nuclei and nuclear subfractions; 1. Introduction; 2. Methods of preparing purified nuclei; Types of cells and tissue samples; Homogenization media
Homogenization methodsCentrifugation conditions; Assays of nuclear purity; 3. Methods for purifying metaphase chromosomes; 4. Isolation of nuclear subfractions; Preparation of nucleoli; Preparation of nuclear membranes; Isolation of nuclear matrix; Preparation of nucleoids; 5. Isolation of nucleoprotein complexes; Isolation of polynucleosomes of chromatin; Ribonucleoproteins; 6. Isolation of nuclear macromolecules; Isolation of nuclear proteins; Isolation of nuclear RNA; Isolation of DNA; 7. Functional assays of nuclei; Analysis of DNA-binding proteins; Transcription assays; References
4. Subcellular fractionation of mitochondria1. Introduction; 2. Purification of mitochondria from various eukaryotic sources; Introduction; Protocols for purification of mitochondria from several eukaryotic sources; Further purification of mitochondrial fractions; 3. Determination of mitochondrial purity; Introduction; Use of the oxygen electrode to determine mitochondrial integrity; Determination of the integrity of the mitochondrial outer membrane; Glucose hexokinase trap method for estimation of P:O ratios; 4. Subfractionation of mitochondria
Preparation of submitochondrial particles by sonication

Sommario/riassunto

Many investigations into the structure and function of cells and tissues require the isolation of a particular membrane or subcellular component (organelle). This book covers all the necessary aspects, from breaking up the cells (homogenization), via a variety of separation techniques (the isolation and fractionation chapters), to characterization of the separated organelles.