1. Record Nr. UNINA9910783389003321

Autore	Howell David L (David Luke), <1959->
Titolo	Geographies of identity in nineteenth-century Japan [[electronic resource] /] / David L. Howell
Pubbl/distr/stampa	Berkeley, Calif., : University of California Press, 2005
ISBN	1-282-75929-9 9786612759291 0-520-93087-8 1-59734-632-2
Descrizione fisica	1 online resource (272 p.)
Disciplina	306/.0952/09034
Soggetti	Ainu - Ethnic identity Japan Civilization 19th century Japan Social conditions 19th century
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	The geography of status -- Status and the politics of the quotidian -- Violence and the abolition of outcaste status -- Ainu identity and the early modern state -- The geography of civilization -- Civilization and enlightenment -- Ainu identity and the Meiji State.
Sommario/riassunto	In this pioneering study, David L. Howell looks beneath the surface structures of the Japanese state to reveal the mechanism by which markers of polity, status, and civilization came together over the divide of the Meiji Restoration of 1868. Howell illustrates how a short roster of malleable, explicitly superficial customs-hairstyle, clothing, and personal names- served to distinguish the "civilized" realm of the Japanese from the "barbarian" realm of the Ainu in the Tokugawa era. Within the core polity, moreover, these same customs distinguished members of different social status groups from one another, such as samurai warriors from commoners, and commoners from outcasts.

2. Record Nr. UNINA9910780114603321

Titolo	Subcellular fractionation [[electronic resource]] : a practical approach / / edited by J.M. Graham and D. Rickwood
Pubbl/distr/stampa	Oxford ; ; New York, : IRL Press at Oxford University Press, c1997
ISBN	1-283-66474-7 0-19-159161-0 0-585-48392-2
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.