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Titolo	Immigrant adaptation in multi-ethnic societies : Canada, Taiwan, and the United States / / edited by Eric Fong, Lan-Hung Nora Chiang and Nancy Denton
Pubbl/distr/stampa	New York : , : Routledge, , 2013
ISBN	0-203-09481-6 1-299-27897-3 1-136-20964-6
Descrizione fisica	1 online resource (311 p.)
Collana	Routledge advances in sociology ; ; 78
Altri autori (Persone)	ChiangLan-hung Nora DentonNancy A FongEric <1960->
Disciplina	305.9/06912
Soggetti	Immigrants - Social conditions Immigrants - Cultural assimilation - Canada Cultural pluralism - Canada Immigrants - Cultural assimilation - Taiwan Cultural pluralism - Taiwan Immigrants - Cultural assimilation - United States Cultural pluralism - United States Electronic books. Canada Ethnic relations Taiwan Ethnic relations United States Ethnic relations
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	Introduction -- The dynamics of immigrant residential incorporation in the United States -- Partial residential integration: suburban residential patterns of new immigrant groups in a multiethnic context -- Asian immigrants in Vancouver: from caste to class in socio-spatial segregation? -- Are native "flights" from immigration "port of entry" pushed by immigrants? -- Diversity in people and places: multiracial people in U.S. society -- Openness to interethnic relationships for

	Chinese and South Asian Canadians -- The contradictory nature of multiculturalism: mainland Chinese immigrants' perspectives and their onward emigration from Canada -- The perception of social distance in a multi-ethnic society: the case of Taiwan -- Diversity of Asian immigrants and their roles in the making of multicultural cities in Canada -- Family forms among first and second generation immigrants in metropolitan America, 1960-2009 -- Different voices: identity formation of early Taiwanese migrants in Canada.
Sommario/riassunto	As a result of international immigration, ethnic diversity has increased rapidly in many countries, not only in major cities, but also in smaller cities. This trend is not limited to the traditional immigrant receiving countries, such as the United States and Canada, but occurs also in many other countries where doors are gradually opening to immigration, especially in Asia. This combination of a growing immigrant population and ethnic diversity has fostered a more complex immigrant integration process. This book addresses the subject at the city ecological level, inter-group level,

2.

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Autore	Schepers Ute
Titolo	RNA interference in practice [[electronic resource] /] / Ute Schepers
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ISBN	1-280-51971-1 9786610519712 3-527-60439-1 3-527-60437-5
Descrizione fisica	1 online resource (338 p.)
Disciplina	572.8845
Soggetti	RNA editing Genetic transcription
Lingua di pubblicazione	Inglese
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Nota di contenuto	RNA Interference in Practice; Preface; Contents; 1 Introduction: RNA

interference, the ""Breakthrough of the Year 2002""; 1.1 RNAi as a Tool for Functional Genomics; 1.2 Mechanism of RNAi; 1.3 Dicer - the Initiator to "Dice" the dsRNA?; 1.4 miRNAs versus siRNAs: Two Classes of Small RNAs Using the RNAi Pathway?; 1.5 RISC - the Effector to "Slice" the mRNA?; 1.6 Are RNA-Dependent RNA Polymerases (RdRps) Responsible for the Catalytic Nature of RNAi?; 1.7 Is RNAi Involved in the Regulation of Gene Expression?; 1.8 RNAi in Mammals; 1.9 Practical Approaches; 1.10 References
2 RNAi in Caenorhabditis elegans2.1 Introduction; 2.2 Application of RNAi in C. elegans; 2.3 Target Sequence Evaluation; 2.4 dsRNA Synthesis; 2.4.2 Generation of the DNA Template; 2.4.2.1 Plasmid Templates; 2.4.2.2 DNA Templates Derived by PCR/RT-PCR; 2.4.2 In-vitro dsRNA Transcription; 2.5 Delivery of dsRNA; 2.5.1 General Information on the C. elegans Anatomy; 2.5.2 C. elegans Strains for Silencing; 2.5.3 Culturing the Worms; 2.5.4 Microinjection Protocol; 2.5.5 Soaking Protocol; 2.5.6 RNAi Feeding Protocol; 2.5.7 DNA Templates for dsRNA Expression in Feeding E. coli
2.5.8 DNA Templates for Hairpin RNA Expression2.5.8.1 C. elegans Promoters; 2.5.8.2 Inverted Repeat Constructs; 2.6 Mounting Animals for Microscopy; 2.7 Genome Wide Screens; 2.7.1 C. elegans RNAi Library; 2.8 Selected Literature on C. elegans Research; 2.9 Useful C. elegans webpages; 2.10 References; 3 RNAi in Drosophila; 3.1 Introduction; 3.2 Application of RNAi in Drosophila; 3.2.1 dsRNA from Linear DNA Templates; 3.2.2 dsRNA from Inverted Repeat DNA; 3.2.3 Inducible Expression in Drosophila Cell Lines; 3.2.4 Limitations; 3.3 dsRNA Synthesis; 3.3.1 In-vitro dsRNA Transcription
3.3.2 Inverted Repeat DNA3.4 Injections; 3.4.1 Injection Services; 3.4.2 Injection Method; 3.4.3 DsRNA or Inverted Repeat DNA Preparation; 3.4.4 Embryo Collection; 3.5 Cell Lines; 3.6 Protocols; 3.6.1 Thawing and Maintenance of S2 Cells; 3.6.2 Freezing Protocol; 3.7 RNAi in S2 Cells; 3.7.1 dsRNA Transfection Using the Calcium Phosphate Method; 3.7.2 dsRNA Soaking of S2 Cells; 3.8 High-Throughput Screens; 3.8.1 Drosophila RNAi Library; 3.9 Useful Webpages for Drosophila Research; 3.10 Books and Literature on Drosophila; 3.11 References; 4 RNAi in Mammals; 4.1 Introduction
4.2 Transient RNAi in Cell Culture4.2.1 Chemical Synthesis and Modifications of siRNAs; 4.2.1.1 Advantages; 4.2.1.2 Limitations; 4.2.2 Custom Synthesis of siRNA Oligos; 4.2.3 siRNA Design Rules; 4.2.3.1 siRNA Strand Bias and Off-Gene Targeting; 4.2.3.2 Improvements in siRNA Stability; 4.2.3.3 siRNA Design: Novel Modifications of the "Tuschl Rules"; 4.2.3.4 Homology Search by BLAST, FASTA, or Smith-Waterman Algorithm; 4.2.3.5 Troubleshooting; 4.2.3.6 siRNA Design Programs and Algorithms; 4.2.3.7 Preparation of siRNA Duplexes; 4.2.4 Enzymatic Synthesis of siRNAs
4.2.4.1 Designing DNA Oligonucleotides

Sommario/riassunto

This hands-on guide to RNA interference brings the power of targeted gene silencing to any laboratory with the basic equipment for handling nucleic acids.In easy-to-follow, step-by-step protocols you will learn* how RNAi works in worms, flies and mammals,* how to design the most efficient RNAi constructs,* how to achieve transient, stable and conditional RNAi in cell cultures,* how to determine the efficiency of an RNAi experiment,* and how to use RNAi for gene therapy.All the protocols have been thoroughly tested in the author's own laboratory, and she provides exa