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| 1. Record Nr.           | UNINA990002586530403321   |
| Autore                  | Miles, Matthew B.   |
| Titolo                  | An expanded sourcebook qualitative data analysis / Matthew B. Miles,<br>A. Michael Huberman |
| Pubbl/distr/stampa      | Thousand Oaks : Sage, 1994  |
| ISBN                    | 0-8039-5540-5   |
| Edizione                | [2nd ed.]   |
| Descrizione fisica      | xiv, 338 p. ; 28 cm   |
| Disciplina              | 300'.723  |
| Locazione               | MAS   |
| Collocazione            | XXVIII-A-43   |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |

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| 2. Record Nr.           | UNIORUON00050082  |
| Autore                  | DESERIEV, Junus Deserievic  |
| Titolo                  | Social'naja lingvistika k osnovam obscej teorii / Junus D. Deseriev |
| Pubbl/distr/stampa      | Moskva, : Izd. Nauka, 1977  |
| Descrizione fisica      | 382 p. ; 21 cm  |
| Classificazione         | IG II   |
| Soggetti                | Sociolinguistica  |
| Lingua di pubblicazione | Russo   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
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| 3. Record Nr.           | UNINA9911019229203321  |
| Autore                  | Sumner A. T (Adrian Thomas), <1940->   |
| Titolo                  | Chromosomes : organization and function / / Adrian T. Sumner   |
| Pubbl/distr/stampa      | Oxford ; ; Malden, MA, : Blackwell Pub., 2003  |
| ISBN                    | 9786612341687<br>9781282341685<br>1282341685<br>9780470695975<br>0470695978<br>9780470695227<br>0470695226 |
| Descrizione fisica      | 1 online resource (300 p.)   |
| Disciplina              | 572.8/7  |
| Soggetti                | Chromosomes  |
| 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 (p. [239]-273) and index.  |
| Nota di contenuto       | Chromosomes: Organization and Function; Contents; Preface; Chapter   |

1: Why study chromosomes?; 1.1 Early studies of chromosomes; 1.2 The origin of genetics, and the chromosome theory of inheritance; 1.3 The chemical nature of genes and chromosomes; 1.4 The position of chromosomes in an age of molecular biology; Website; Chapter 2: Mitosis, meiosis and the cell cycle; 2.1 The necessity for accuracy in the cell cycle; 2.2 The mitotic cycle; 2.3 Essentials of mitosis; 2.4 Other cell-cycle events must be co-ordinated with mitosis; 2.5 Meiosis; 2.6 Accuracy is ensured in cell division

Chapter 3: DNA, the genetic code; 3.1 Stability and variability of DNA; 3.2 The amount of DNA in nuclei, and the C-value paradox; 3.3 Repetitive DNA - sequences with a function, or just junk?; 3.4 DNA replication; 3.5 5-Methylcytosine - epigenetic modification of DNA; 3.6 DNA damage and repair; 3.7 DNA is dynamic; Websites; Chapter 4: Assembly of chromatin; 4.1 Introduction; 4.2 The nucleosome fibre; 4.3 Packing nucleosomes into solenoids; 4.4 Yet more packing; 4.5 Other ways to pack DNA; 4.6 Summary; Websites; Chapter 5: The chromosomes in interphase

5.1 Interphase nuclei: sites of chromosome activity; 5.2 How are the chromosomes arranged in the nucleus?; 5.3 Where do replication and transcription take place?; 5.4 The nuclear matrix; 5.5 Other nuclear structures; 5.6 Interphase nuclei are highly organized and dynamic; Website; Chapter 6: Structure of mitotic and meiotic chromosomes; 6.1 Chromosomes of dividing and interphase cells compared; 6.2 Making a mitotic chromosome; 6.3 Loops and scaffolds; 6.4 Chromosome condensation - the final stages; 6.5 Biochemistry of condensation; 6.6 The periphery of the chromosome

6.7 Meiotic and mitotic chromosomes compared; 6.8 There is still much to be learnt about chromosome structure; Chapter 7: Constitutive heterochromatin; 7.1 What is heterochromatin?; 7.2 Where is constitutive heterochromatin on the chromosomes?; 7.3 What is constitutive heterochromatin made of?; 7.4 What does heterochromatin do?; 7.5 Applications of heterochromatin staining; 7.6 Heterochromatin today; Websites; Chapter 8: Sex chromosomes and sex determination; 8.1 What are sex chromosomes?; 8.2 The evolution of sex chromosomes; 8.3 Sex chromosome systems and mechanisms of sex determination

8.4 Dosage compensation: coping with different numbers of X chromosomes in the two sexes; 8.5 Sex chromosomes at meiosis and gametogenesis; 8.6 Sex chromosomes: different means, the same ends; Websites; Chapter 9: Imprinting; 9.1 What is imprinting?; 9.2 Which organisms show imprinting?; 9.3 How does imprinting work?; 9.4 What is imprinting for?; Websites; Chapter 10: Euchromatin and the longitudinal differentiation of chromosomes; 10.1 What is euchromatin?; 10.2 Euchromatin and chromosome banding in mammals; 10.3 Longitudinal differentiation of chromosomes in non-mammals

10.4 The how and why of longitudinal differentiation

## Sommario/riassunto

Integrating classical knowledge of chromosome organisation with recent molecular and functional findings, this book presents an up-to-date view of chromosome organisation and function for advanced undergraduate students studying genetics. The organisation and behaviour of chromosomes is central to genetics and the equal segregation of genes and chromosomes into daughter cells at cell division is vital. This text aims to provide a clear and straightforward explanation of these complex processes. Following a brief historical introduction, the text covers the topics of cell cycle dynamics and