

1. Record Nr.	UNINA9910460566603321
Autore	Step toe Tyina L. <1975->
Titolo	Houston bound : culture and color in a Jim Crow city // Tyina L. Steptoe
Pubbl/distr/stampa	Oakland, California : , : University of California Press, , 2016 ©2016
ISBN	0-520-95853-5
Descrizione fisica	1 online resource (341 p.)
Collana	American Crossroads ; ; 41
Disciplina	305.8009764/2350904
Soggetti	Minorities - Texas - Houston - Social conditions - 20th century Music - Social aspects - Texas - Houston - History - 20th century Electronic books. Houston (Tex.) Emigration and immigration History 20th century Houston (Tex.) Ethnic relations History 20th century Houston (Tex.) History 20th 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	Front matter -- Contents -- List of Illustrations -- Introduction: When Worlds Collide -- Part one -- Part two -- Part three -- Acknowledgments -- Notes -- Bibliography -- Index
Sommario/riassunto	Beginning after World War I, Houston was transformed from a black-and-white frontier town into one of the most ethnically and racially diverse urban areas in the United States. Houston Bound draws on social and cultural history to show how, despite Anglo attempts to fix racial categories through Jim Crow laws, converging migrations-particularly those of Mexicans and Creoles-complicated ideas of blackness and whiteness and introduced different understandings about race. This migration history also uses music and sound to examine these racial complexities, tracing the emergence of Houston's blues and jazz scenes in the 1920's as well as the hybrid forms of these genres that arose when migrants forged shared social space and carved out new communities and politics. This interdisciplinary book provides both an innovative historiography about migration and immigration in the twentieth century and a critical examination of a city located in the

former Confederacy.

2. Record Nr.	UNINA9911031631003321
Autore	Nema Rajeev
Titolo	Advances in Cancer Detection, Prediction, and Prognosis Using Artificial Intelligence and Machine Learning / / edited by Rajeev Nema, Ashok Kumar, Dinesh Kumar Saini
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9693-46-2
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (602 pages)
Collana	Biomedical and Life Sciences Series
Altri autori (Persone)	KumarAshok SainiDinesh Kumar
Disciplina	576.5 616.994
Soggetti	Cancer - Genetic aspects Cancer Bioinformatics Biomathematics Machine learning Oncology Cancer Genetics and Genomics Cancer Biology Mathematical and Computational Biology Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- Chapter 1: Cancer Diagnosis: An overview -- Chapter 2: Computational Methods in Oncology -- Chapter 3: Overview of Computational Approaches for Cancer Diagnosis -- Chapter 4: Artificial intelligence and Machine Learning in improving diagnostic accuracy -- Chapter 5: Advances in Image Processing and Pattern Recognition -- Chapter 6: Genomics and Bioinformatics in the discovery and validation of diagnostic biomarkers -- Chapter 7:

Computer-based wearable devices for remote patient monitoring. -- Chapter 8: Overview of computational approaches for Cancer Prognosis -- Chapter 9: Predictive Modeling for Cancer Prognosis -- Chapter 10: Genomics and Transcriptomics based predictive and prognostic biomarkers -- Chapter 11: Artificial Intelligence in Personalized Medicine and Treatment Planning -- Chapter 12: Integrative Multi-Omics Approaches -- Chapter 13: Challenges and Limitations of Computational Methods in Oncology -- Chapter 14: Challenges in Integration of computational approaches with Clinical Practice -- Chapter 15: Emerging Technologies in Computational Oncology -- Chapter 16: Statement On the Effectiveness of AI And ML In Cancer Care -- Chapter 17: Future Directions in Computational Cancer Research -- Chapter 18: Deep learning algorithms to analyze medical images for early detection of cancer -- Chapter 19: Ethical considerations regarding patient privacy and data security -- Chapter 20: Call for further research and implementation of deep learning technologies in oncology for enhanced healthcare delivery.

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### Sommario/riassunto

This book covers all aspects of computational biology in studying cancer diagnosis and prognosis, including newer applications involving infection and inflammation, as well as basic information on advanced simulation techniques. It describes the different tools, risk-based modeling techniques, early prediction algorithms and the biomarkers of different cancers that help in their early and better diagnosis in routine clinical practice involving multiple organs and systems. Early cancer diagnosis and artificial intelligence (AI) are rapidly evolving fields, with the UK's National Health Service aiming to improve early diagnosis rates to 75% by 2028. Screening can improve early cancer detection and mortality, but patient selection and risk stratification are key challenges. AI algorithms can facilitate cancer diagnosis by triggering investigation in screened individuals according to clinical parameters and automating clinical workflows where capacity is limited. Machine learning, which learns complex data patterns to make predictions has the potential to revolutionize early cancer diagnosis and support capacity concerns through automation. The chapters present the advances in diagnosing different types of cancer including bladder cancer, breast cancer, colorectal cancer, kidney (renal cell) cancer, lung cancer, lymphoma, pancreatic cancer, prostate cancer, skin cancer, uterine and metastatic cancers. The chapters also cover recurrent cancer, advanced cancer treatment, and the management of cancer in adolescents and young adults. The pan-cancer analyses presented in the book cover all aspects of early diagnosis, supplemented by numerous illustrations and figures to offer a fresh perspective and lucid understanding of computer-based approaches in cancer management. This book simplifies computational methods in medical diagnosis and highlights the benefits of early detection compared to other methods. It is targeted at biomedical scientists and clinical practitioners who conduct artificial intelligence-based research.

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