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Autore	Black Sue M
Titolo	Age estimation in the living : the practitioners guide // Sue Black, Anil Aggrawal and Jason Payne-James
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Descrizione fisica	1 online resource (322 p.)
Altri autori (Persone)	AggrawalAnil Payne-JamesJason
Disciplina	599.9
Soggetti	Physical anthropology Anthropometry Human growth Human body - Composition - Age factors Forensic anthropology Dental anthropology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Age Estimation in the Living; Contents; Foreword; Preface; Glossary of Abbreviations; 1 An Introduction to the History of Age Estimation in the Living; 2 Immigration, Asylum Seekers and Undocumented Identity; 3 Clinical and Legal Requirements for Age Determination in the Living; 4 Legal Implications of Age Determination: Consent and Other Issues; 5 The Challenges of Psychological Assessments of Maturity; 6 Principles of Physical Age Estimation; 7 Growth, Maturation and Age; 8 Practical Imaging Techniques for Age Evaluation; 9 External Soft Tissue

Indicators of Age from Birth to Adulthood

10 Age Evaluation and Odontology in the Living; 11 Age Evaluation from the Skeleton; 12 Age Evaluation after Growth Cessation; 13 The Presentation of Results and Statistics for Legal Purposes; 14 Key Practical Elements for Age Estimation in the Living; Index; Color Plate

Sommario/riassunto

This book summarizes and explains the main approaches to age estimation in the living, defining when a parameter may be of use and raising awareness of its limitations. This text ensures that practitioners recognize when an assessment is beyond their area of expertise or beyond verification depending upon the clinical data available. Each key approach to age evaluation has been allotted a single chapter, written by an international leader in the particular field. The book also includes summary chapters that relay readily accessible data for use by the practitioner, and includes important "agei

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Titolo

Microbial evolution and co-adaptation : a tribute to the life and scientific legacies of Joshua Lederberg : workshop summary // rapporteurs, David A. Relman ... [et al.]

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Washington, D.C., : National Academies Press, 2009

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Descrizione fisica

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Altri autori (Persone)

LederbergJoshua
RelmanDavid A

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Soggetti

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Nota di contenuto

Workshop overview -- Appendix: WO-1. Infectious history / Joshua Lederberg -- The life and legacies of Joshua Lederberg -- Reflections on the career of Joshua Lederberg / David A. Hamburg -- Joshua Lederberg remembered / Stephen S. Morse -- The life and impact of a legend-Joshua Lederberg / Adel Mahmoud -- Microbial ecology and ecosystems -- War and peace: humans and their microbiome / David A. Relman -- Deciphering the complex molecular dialogue of symbiosis: Esperanto or polyglot? / Margret McFall-Ngai -- Pathogen evolution -- Bacterial pathogenicity: an historical and experimental perspective / Stanley Falkow -- Evolution of bacterial-host interactions: virulence and the immune overresponse / Elisa Margolis and Bruce R. Levin -- Antibiotic resistance: origins and countermeasures -- Antibiotic resistance and the future of antibiotics / Julian Davies -- Microbial drug resistance: an old problem in need of new solutions / Stanley N. Cohen -- Expanding the microbial universe: metagenomics and microbial community dynamics / Jo Handelsman -- Infectious disease emergence: past, present, and future -- Emerging infections: condemned to repeat? / Stephen S. Morse -- Ecological origins of novel human pathogens / Mark Woolhouse and Eleanor Gaunt -- Genomic evolvability and the origin of novelty: studying the past, interpreting the present, and predicating the future / Jonathan A. Eisen -- Can we predict future trends in disease emergence? / Peter Daszak -- Appendices: A. Agenda -- B. Acronyms -- C. Glossary -- D. Forum member biographies.

Sommario/riassunto

"Dr. Joshua Lederberg - scientist, Nobel laureate, visionary thinker, and friend of the Forum on Microbial Threats - died on February 2, 2008. It was in his honor that the Institute of Medicine's Forum on Microbial Threats convened a public workshop on May 20-21, 2008, to examine Dr. Lederberg's scientific and policy contributions to the marketplace of ideas in the life sciences, medicine, and public policy. The resulting workshop summary, Microbial Evolution and Co-Adaptation, demonstrates the extent to which conceptual and technological developments have, within a few short years, advanced our collective understanding of the microbiome, microbial genetics, microbial communities, and microbe-host-environment interactions."