1. Record Nr. UNINA9910736005203321 The Handbook of Mummy Studies [[electronic resource]]: New **Titolo** Frontiers in Scientific and Cultural Perspectives // edited by Dong Hoon Shin, Raffaella Bianucci Singapore:,: Springer Singapore:,: Imprint: Springer,, 2020 Pubbl/distr/stampa **ISBN** 981-15-1614-6 Descrizione fisica 1 online resource (636 p.) Disciplina 599.9 Soggetti Physical anthropology History, Ancient Animal anatomy Archaeology Biotechnology Biological and Physical Anthropology **Ancient History** Animal Anatomy / Morphology / Histology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Part 1: Mummy Studies in General -- Part 2: Techniques and Current Nota di contenuto Trends in Mummy Studies -- Part 3: Mummies of the World -- Part 4: Museology of Mummies. Sommario/riassunto Owing to their unique state of preservation, mummies provide us with significant historical and scientific knowledge of mankind's past. This handbook, written by prominent international experts in mummy studies, offers readers a comprehensive guide to new understandings of the field's most recent trends and developments. It provides invaluable information on the health states and pathologies of historic populations and civilizations, as well as their socio-cultural and religious characteristics. Addressing the developments in mummy studies that have taken place over the past two decades -- which have been neglected for as long a time - the authors excavate the groundbreaking research that has transformed scientific and cultural

knowledge of our ancient predecessors. The handbook investigates the

many new biotechnological tools that are routinely applied in mummy studies, ranging from morphological inspection and endoscopy to minimally invasive radiological techniques that are used to assess states of preservation. It also looks at the paleoparasitological and pathological approaches that have been employed to reconstruct the lifestyles and pathologic conditions of ancient populations, and considers the techniques that have been applied to enhance biomedical knowledge, such as craniofacial reconstruction, chemical analysis, stable isotope analysis and ancient DNA analysis. This interdisciplinary handbook will appeal to academics in historical, anthropological, archaeological and biological sciences, and will serve as an indispensable companion to researchers and students interested in worldwide mummy studies.