1. Record Nr. UNINA9910349297103321 Molecular life sciences: an encyclopedic reference / / editors, Robert D. Titolo Wells [et al.] New York:,: Springer New York:,: Imprint: Springer,, 2020 Pubbl/distr/stampa **ISBN** 1-4614-6436-6 Descrizione fisica 1 online resource (10000 p. 1000 illus. in color.) Disciplina 572 Soggetti Molecular biology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Handbook of Molecular Life Sciences will focus on understanding Sommario/riassunto biological phenomena at the level of molecules and their interactions that govern life processes. Volumes 1 to 3 will focus on genes and genomes, volumes 4 to 6 on protein structure and function, volumes 7 & 8 will explore systems biology, using genomics and proteomics as the focus and volumes 9 and 10 on molecular aspects of cell structure and function. Volume 11 will explore unifying concepts and theory from biology, chemistry, mathematics and physics that are essential for understanding the molecular life sciences and will also include sections on teaching perspectives and assessment tools. Volume 12 will cover basic aspects of the various experimental approaches that are used in

the Molecular Life Sciences.