Librería

Bonilla y Asociados

desde 1950

Título: Parasite Genomics Protocols (Methods In Molecular Biology)

Autor: Sara E. Melville

Precio: $1877.40

Editorial:

Año: 2010

Tema:

Edición: 1ª

Sinopsis

ISBN: 9781617373312

Parasitic diseases remain a major health problem throughout the world, for both humans and animals. For many of us, our technologically advanced lifestyle has decreased the prevalence and transmission of parasitic diseases, but for the majority of the world's population, they are ever present in homes, domestic animals, food, or the environment. The study of parasites and parasitic disease has a long and distinguished history. In some cases, it has been driven by the great importance of the presence of the parasite to the community, for example, those that affect our livestock. In other cases, it is clear that applied research has suffered for lack of funding because the parasite affects people with few resources, such as the rural poor in resource-poor countries. These instances include the so-called "neglected diseases," as defined by the World Health Organization (WHO). Parasites have complicated life cycles, and a thorough understanding of the unique characteristics of a particular parasite species is vital in attempts to avoid, prevent, or cure infection or to alleviate symptoms. Of course, the biological characteristics that each parasite has developed to aid survival and transmission, to avoid destruction by the immune system, and to adapt to a changing environment are of lasting fascination to basic biologists as well. The elegance of these biological systems has ensured that the study of protozoan and metazoan parasites also remains an active field of research in countries where the diseases are not a threat to the population.