

Advanced Therapeutics

Advanced therapeutic technologies for malaria, tuberculosis, HIV infection and neglected tropical diseases

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Abstract

We are pleased to present this special issue to highlight advances in therapeutic technologies for infectious diseases, in particular for treatment of tuberculosis (TB), HIV/AIDS and malaria. Informative reviews as well as original research articles form part of this Issue. The world's deadliest infectious diseases TB, HIV/AIDS and malaria are responsible for close to 2.5 million deaths world-wide, each year.[1] Over 90% of deaths due to malaria occur in sub-Saharan Africa, with the majority of deaths occurring in children under 5 years of age. Infectious diseases are responsible for ≈ 704 million disability-adjusted life-years (DALYs) and the African region bears the highest burden, with ≈ 314 million DALYs; while high-income countries account for only ≈ 31.8 million DALYs.