

The importance of a One Health perspective for control of schistosomiasis in sub-Saharan African

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LONTDR anniversary event - Beyond 2020: Research innovations for a new agenda

Control morbidity due to schistosomiasis by 2020
Eliminate schistosomiasis as a public health problem by 2025
Interrupt transmission in selected countries by 2025



World free of schistosomiasis



80%

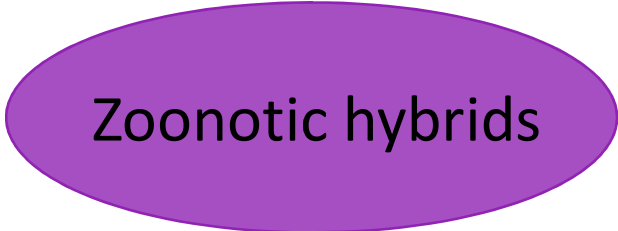
Combining molecular and epidemiological data in Senegal and Niger



95%

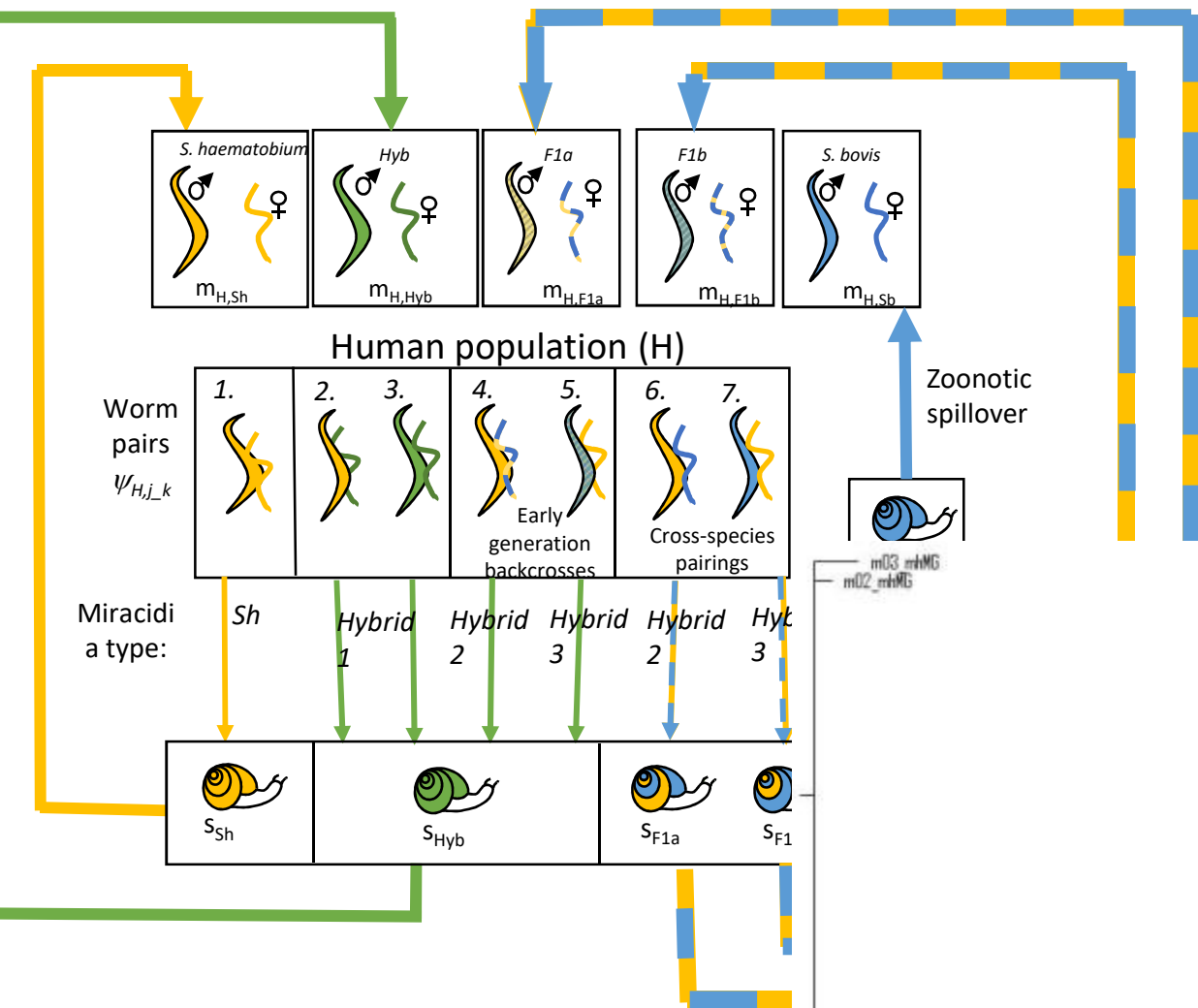
Livestock schistosomiasis

Human schistosomiasis



Within and between humans and animal schistosome species

Emerging as a key topic for global health and disease control



Multi-host, multi-parasite transmission model
S. haematobium, *S. bovis*, and hybrids



Wild and domestic animals can act as reservoirs



Phylogenetic analysis of *S. mansoni* from rodents, humans and snails

