

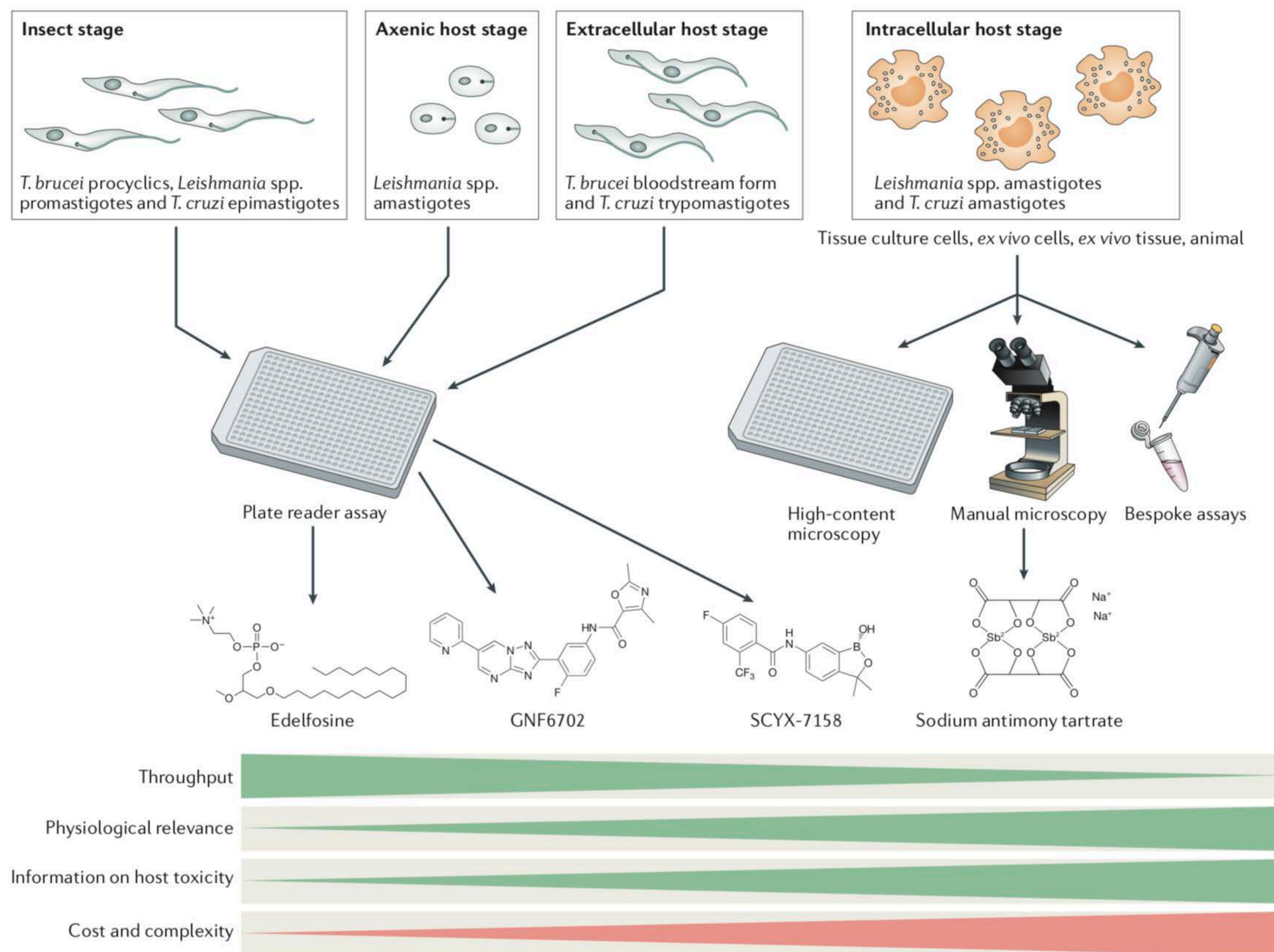
Parasitology is the study of eukaryotic pathogens, and has been a particular strength of the life sciences and medical departments in Scotland since the 19th century. The life cycles of many important parasites were initially described by Scottish scientists, including malaria (Ronald Ross), African sleeping sickness (David Bruce) and Kala-azar (William Leishman). The course focus is on protozoan parasites; Trypanosomes, Leishmania, Malaria and their relatives.



Jerico Buttons (Kala-azar)



Trypanosome and red cell



Example drug screening strategies



Tse-tse fly: Insect vector



Sir David Bruce



Diagnostic kit developed in collaboration with scientists at Dundee

We introduce you to these important disease-causing agents, their biology and their transmission and how they are able to infect humans. Then we take you through the strategies that are used to design diagnostics, drugs and control measures.

This course provides opportunity to interact with world expert parasitologists from Dundee and other Scottish Universities.

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Faculty: Profs David Horn, Michael Ferguson, Drs Susan Wyllie, Manu deRyker and external speakers.