## MALARIA CD4+CD25+Tcell Circulation Subcutaneous tissue Liver Space of Disse Malaria sporozoite Toll-like receptor signaling pathway Kupffer cell pRBC Immunosuppression Plasmodium falciparum K13822... Plasmodium vivax Hepatocyte 🚍 Malaria sporozoite Hemozoin Plasmodium malariae K13833 Plasmodium ovale K13834 Plasmodium yoelii K13835 Transform into K14624 Plasmodium chabaudi merozoite DC Plasmodium berghei K13850 K13852 Metabolic acidosis K03156 K06543... Endothelial cell NK cell Macrophage Erythropoietic suppression Severe anaemia Malaria merozoite RBC K06543... Parasite replication K13838... NK T cell K06574 K13846 Endothelial cytoadherence pRBC K06471 K13847 K06575 K06576 Cell adhesion molecules K06527 Rosetting ·CSAº\pmb{O}^ Heparin-like GAGs Placenta Hyaluronic acid 🗘 Placental malaria A/B antige<u>n</u> Coagulation cascades K04011 V ascular endothelial cell 00 Apoptosis RBC Microparticles K06490 Brain Cerebral malaria Thrombocytopaenia Platelet K03160 Leukocyte V ascular endothelial cell 051443/7/13 (c) Kanehisa Laboratories