

Asexual reproduction of Malarial Parasite :-

(Schizogony)

Asexual → merozoite

Sexual → sporozoite

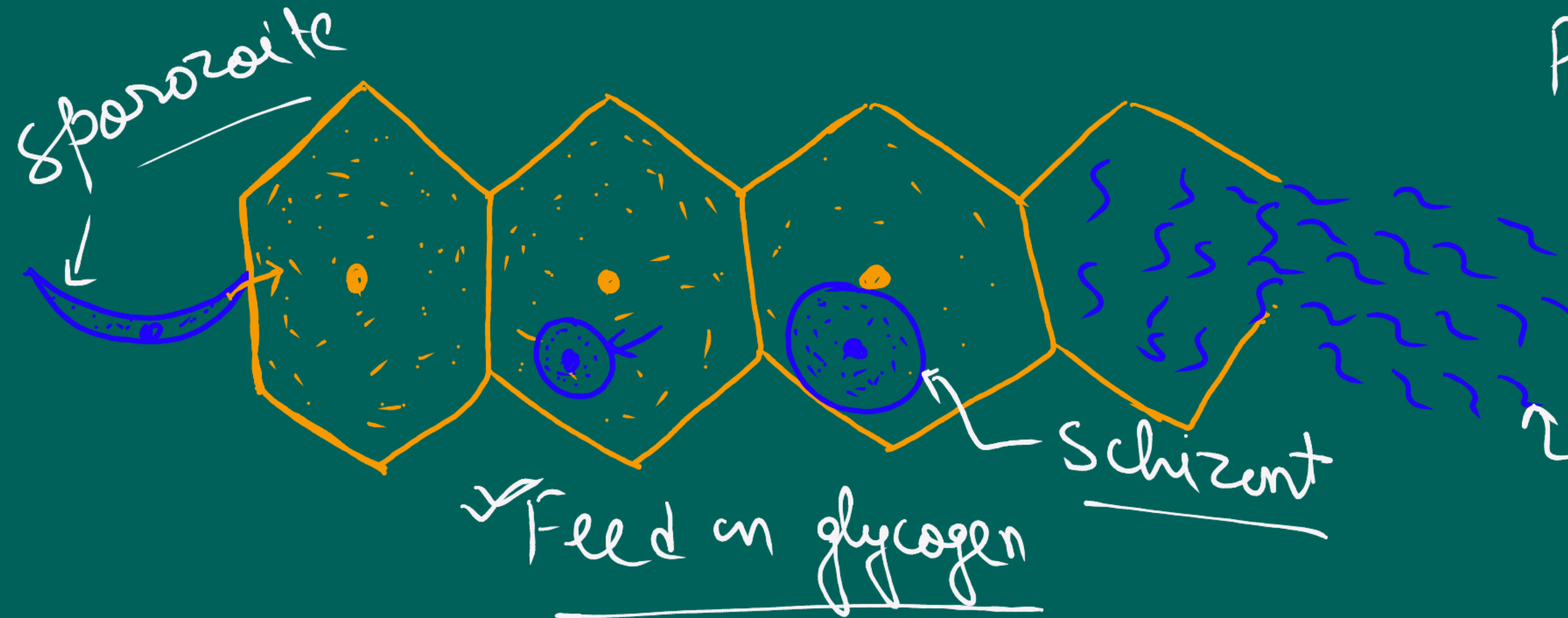
① Pre-erythrocytic cycle :-

Glucose → Glycogen ⇒ Liver

- Hepatocyte

Parenchyma cell

Parenchymatous cell



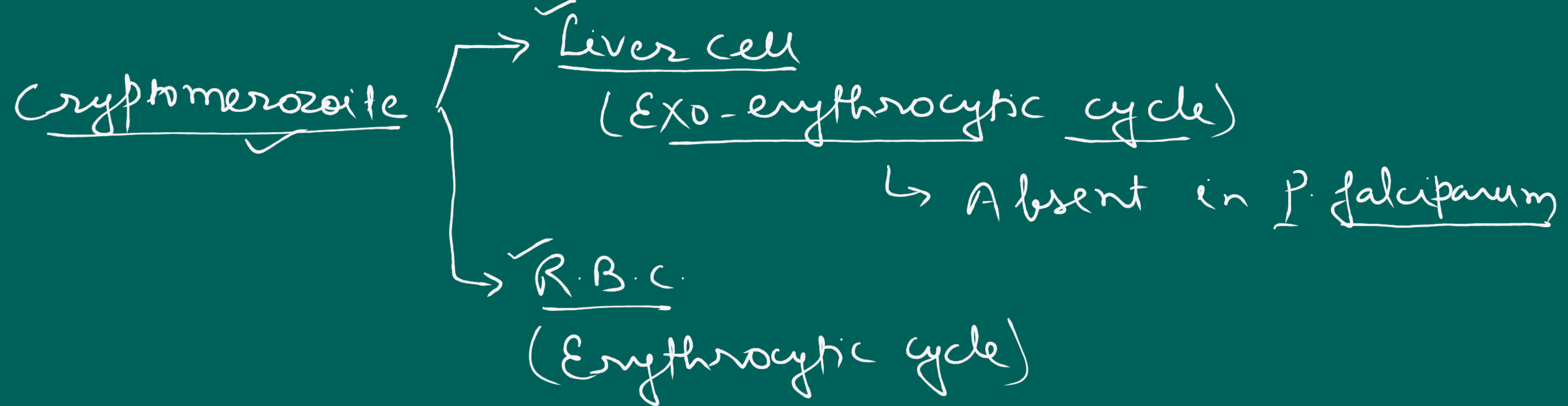
Produce -
Proteolytic enzyme

Cryptomerozoite (10,000)
or
Cryptozoite

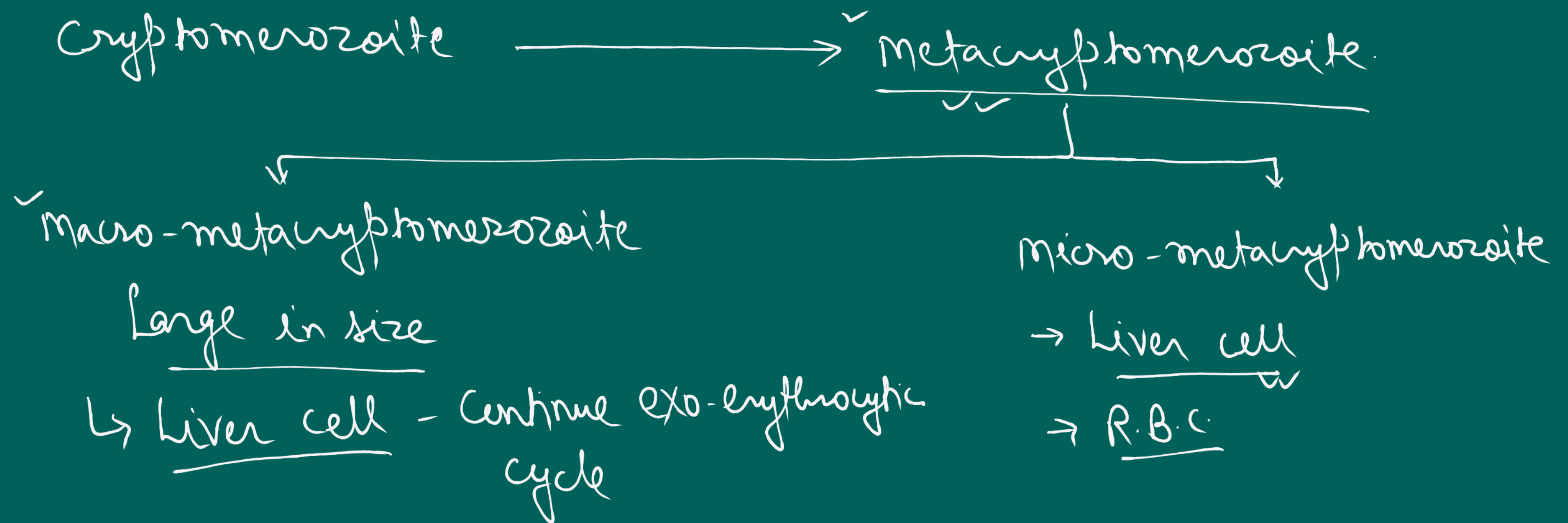
Trophozoite - Nutritive stage / Feeding stage

Duration = P. vivax - 8 days - 9 days

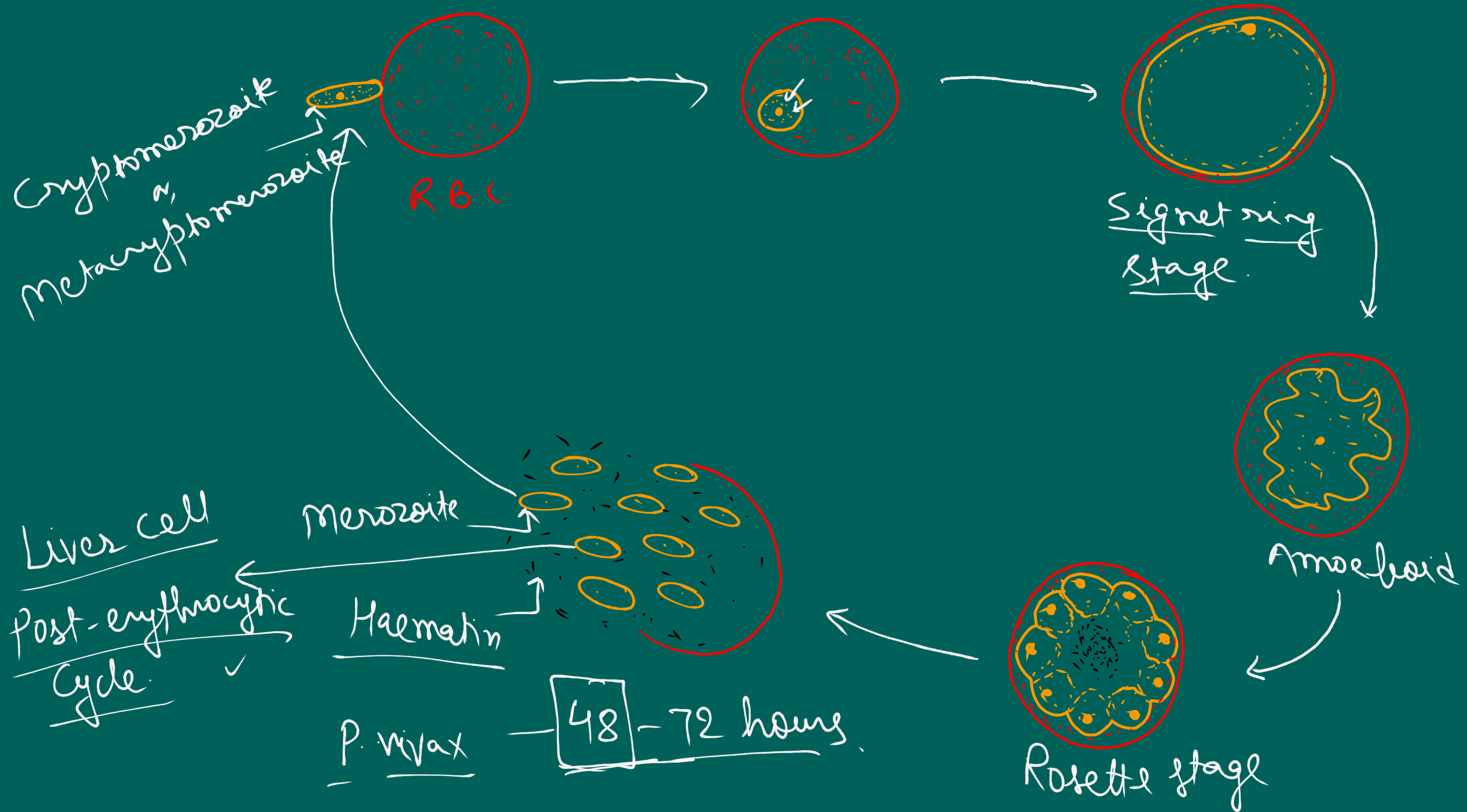
P. falciparum - 6 days



Exo-erythrocytic cycle:-



Erythrocytic cycle:-



Haemoglobin

