Malaria

Mala = Bad
Aria = Air — Polluted air.

Lancisi : Mosquito

Charles Laveran — Malarial Patient — Parasite

Golgi & Celli :- R.B.C. of all malarial patient

⇒ Parasite

Manson - Ronald Ross — mosquito

1895 —
29th Aug - 1897 - Oocyst - Wall of stomach
Anopheles mosquito.

1902 - Nobel Prize.

Plasmodium

Kingdom - Protista

Phylum - Protozoa

Class - Sporozoa - No locomotory organ.

Genus - Plasmodium

Species P. vivax

About 60 species of plasmodium

Reptiles, Aves & Mammals

About 4 species.

P. Vivax - Fever is repeated after every 48 hours.

↳ Benign tertian malaria.

P. falciparum - Fatal rate

⇒ Cerebral malaria | Malignant tertian malaria | Aestivo-autumnal malaria

Black water fever.

P. malariae - Fever is repeated after every 72 hours.

Benign Quartan malaria.

P. ovale - Fever is repeated after every 48 hours.

ovale malaria | Benign Sub-tertian malaria.