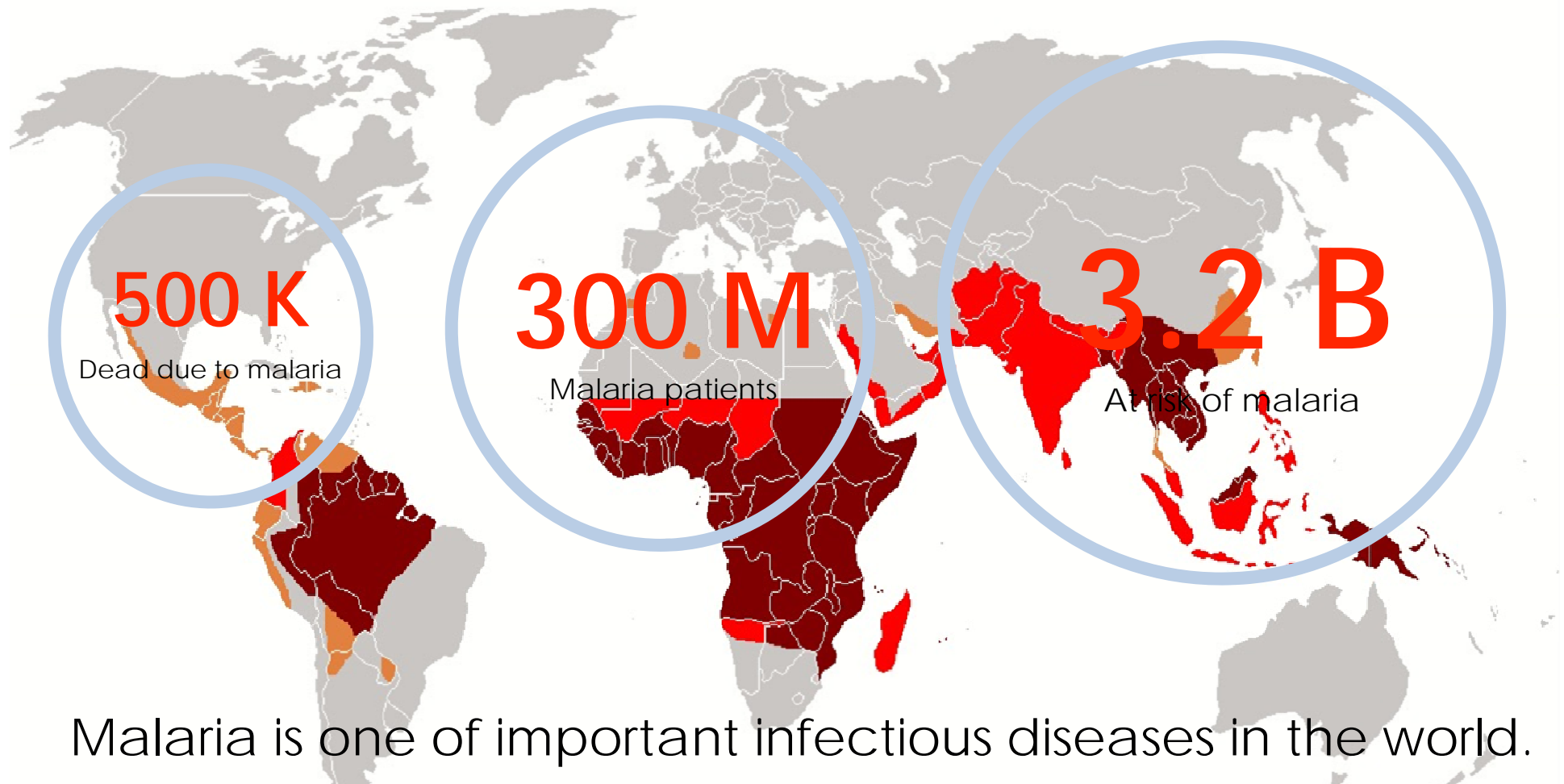




# Young Blood

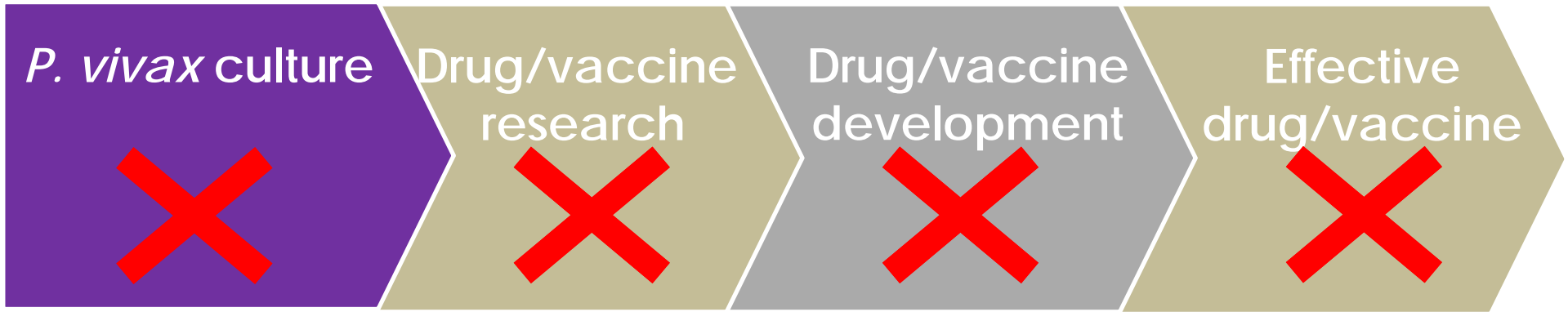
We make young red blood cells for  
drugs and vaccines development

# Problem



Malaria is one of important infectious diseases in the world.  
WHO set a goal for malaria elimination from Asia by 2030.

# Problem



**drug resistant**



**no new drugs**



**no vaccine**



**hypnozoite**

# Problem

 Young Blood



Draw your own/people's blood

Blood bank



Cord blood



ETHICS

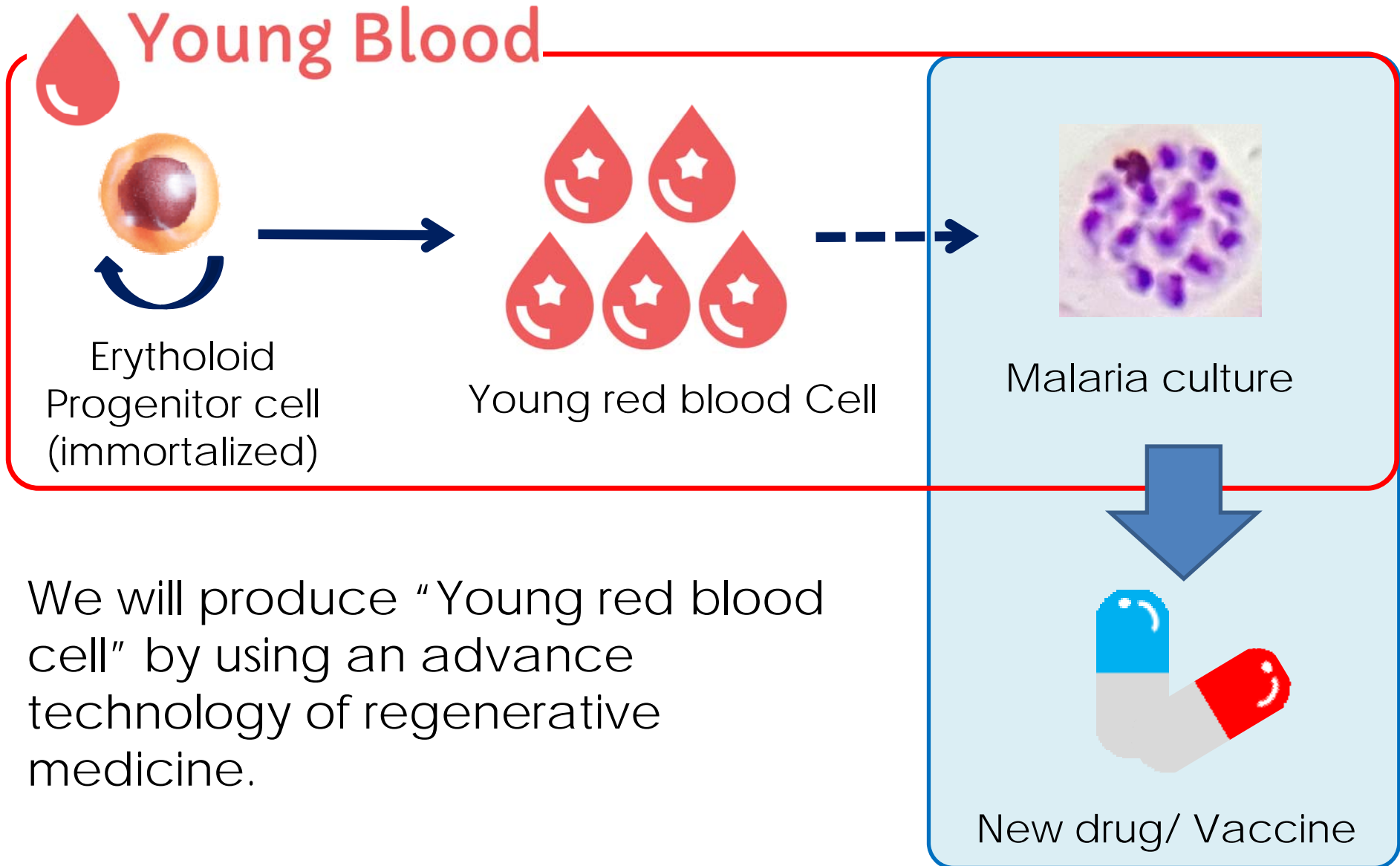


Stem cell culture



1-2 year  
establish the system





We will produce “Young red blood cell” by using an advance technology of regenerative medicine.

No commercially available young red blood cells

### In house production

**\$1x,xxx**

Very Expensive

**21** days

culture



Failure Rate



 Young Blood

**\$x00**

Cost Effective

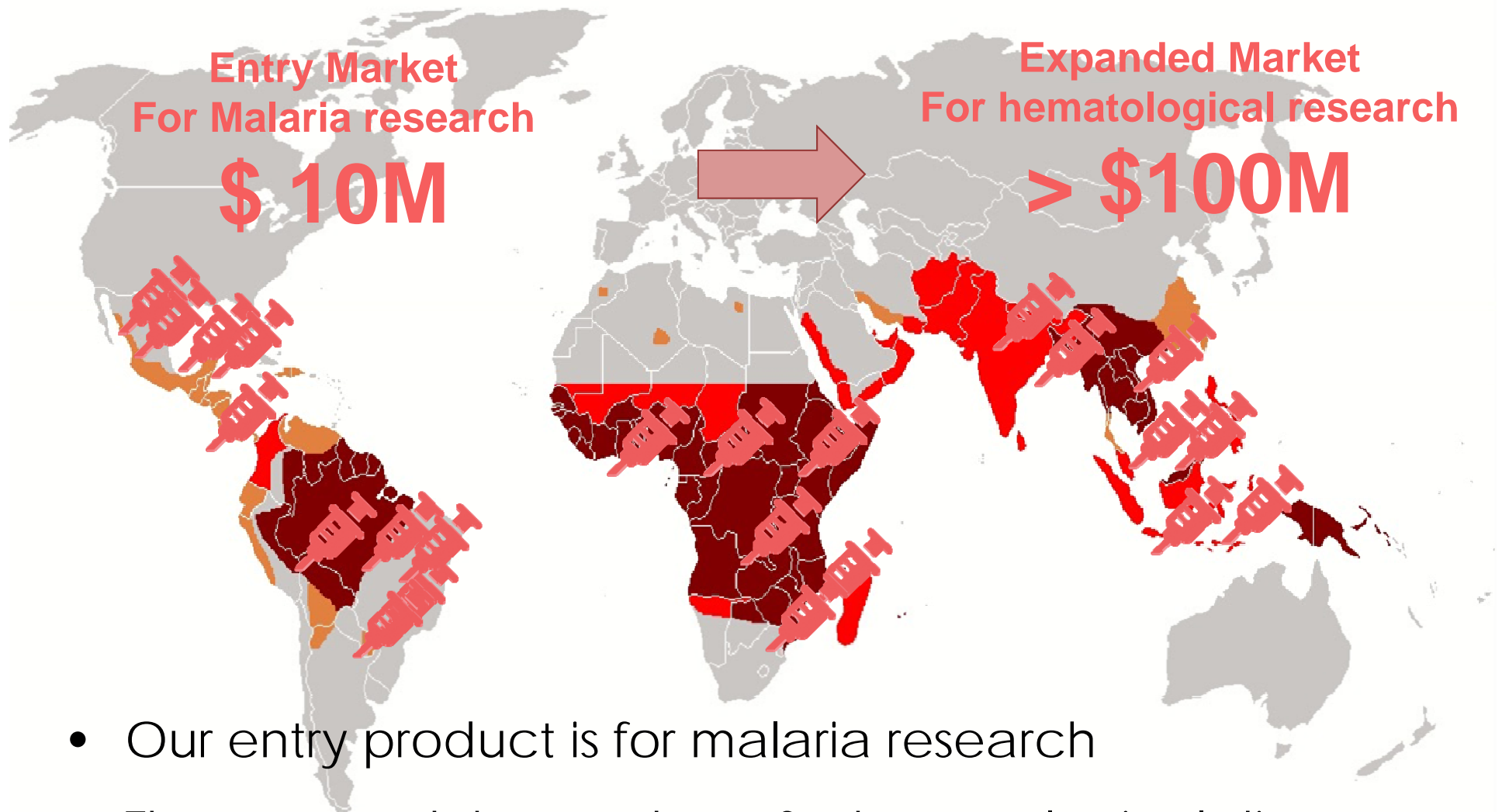


Ready To Use



Failure Rate





- Our entry product is for malaria research
- Then expand the products for hematological diseases research

# Business model

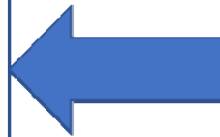


Malaria culture system

Technology Transfer



Technology Transfer



MiCAN  
Stem cell technology



Biotech company/  
distributor



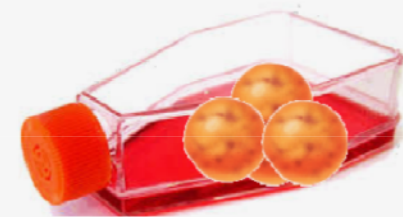




Young red blood cells for vivax culture



Rare blood types  
ex. Duffy-  
Besigin-



Various genetic background red blood cells (ex. Thalassemia)

**We also work closely with users for custom made young red blood cells**

## Our team



### **Jetsumon Prachumsri (Mahidol University)**

as Scientific Adviser and co-founder

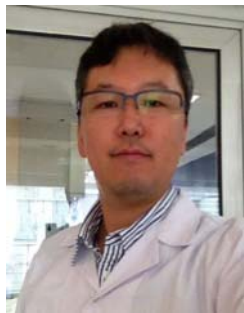
**Background:** 30 years experience in Vivax malaria research  
Key opinion leader in Malaria Infectious Disease



### **Wanlapa Roobsoong (Mahidol University)**

as Scientific Adviser and co-founder

**Background:** >10 years experience in Vivax malaria research.  
**Specialty:** Biology of *P. vivax*.  
**Contact;** [wanlapa.ros@mahidol.edu](mailto:wanlapa.ros@mahidol.edu)



### **Kazuo Miyazaki (MiCAN Technologies. Ltd)**

as co-founder

**Background:** 19 years experience in pharmaceutical company.

**CEO of MiCAN Technology.**

**Specialty :** Drug discovery, Regenerative medicine