



**BUILDING GLOBAL INNOVATORS<sup>®</sup>**  
IUL MIT PORTUGAL  
CAIXA CAPITAL  
COMPETITION

# BUILDING GLOBAL INNOVATORS

IUL MIT-PORTUGAL CAIXA CAPITAL COMPETITION

## RoPlaVac

**A new vaccination strategy for MALARIA**

### Problem

- 2.5 billion people at risk of contracting malaria
- 12 billion US\$ in lost GDP of endemic countries
- 200 million infections every year
- 700 thousand deaths every year

**No effective vaccine available**

### Opportunity

- An efficient vaccine against the two major human malaria parasites
- Capable of inducing **>90%** protection

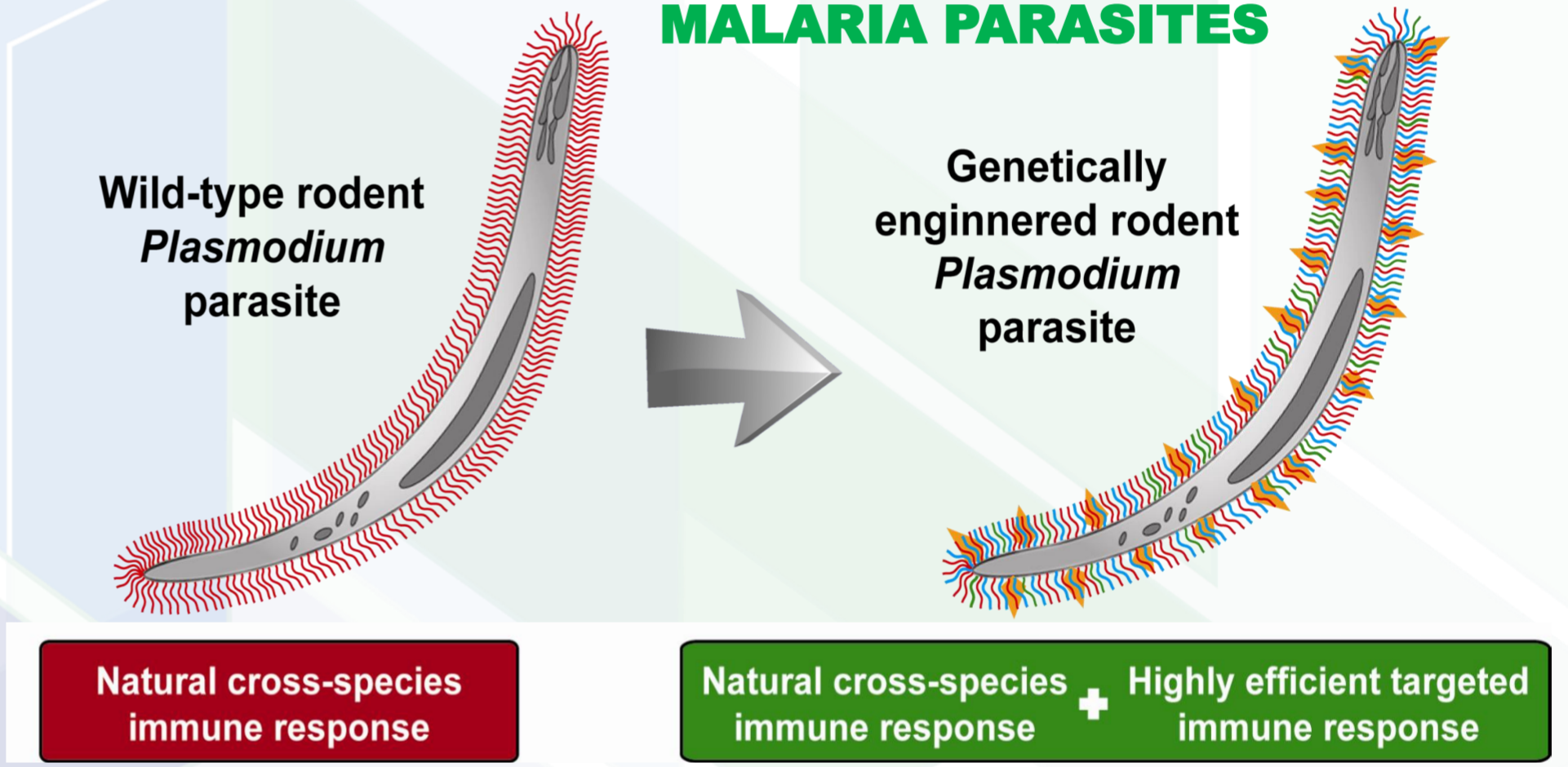
**Most advanced candidate so far only affords ~36% protection against a single parasite species**

**4.5 billion US\$ global market**

- Humanitarian market: 3 billion US\$
- Private market: 700 million US\$
- Tourist & military market: 800 million US\$

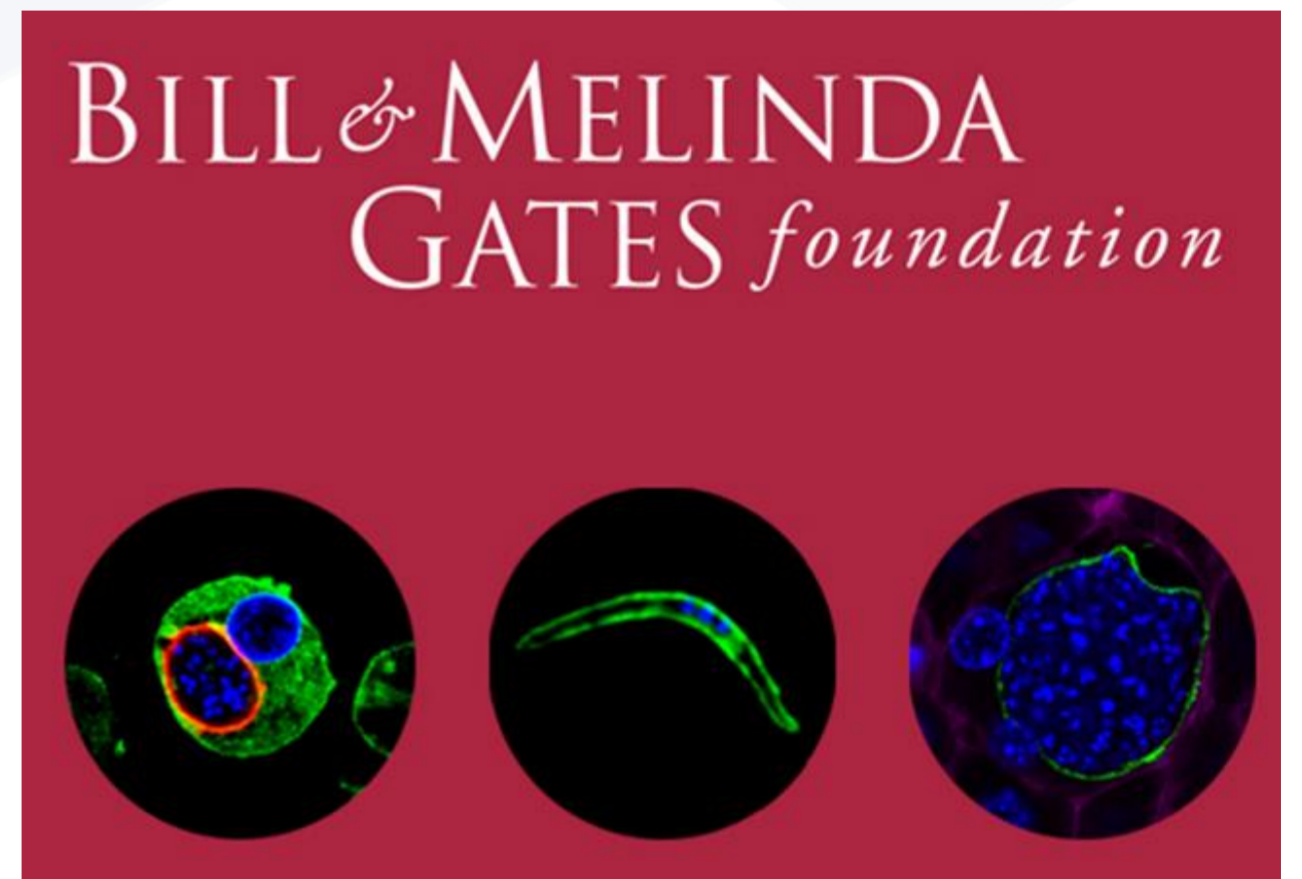
### Solution

**A SAFE & VERSATILE WHOLE-ORGANISM PLATFORM FOR VACCINATION AGAINST MULTIPLE HUMAN MALARIA PARASITES**



### Validation

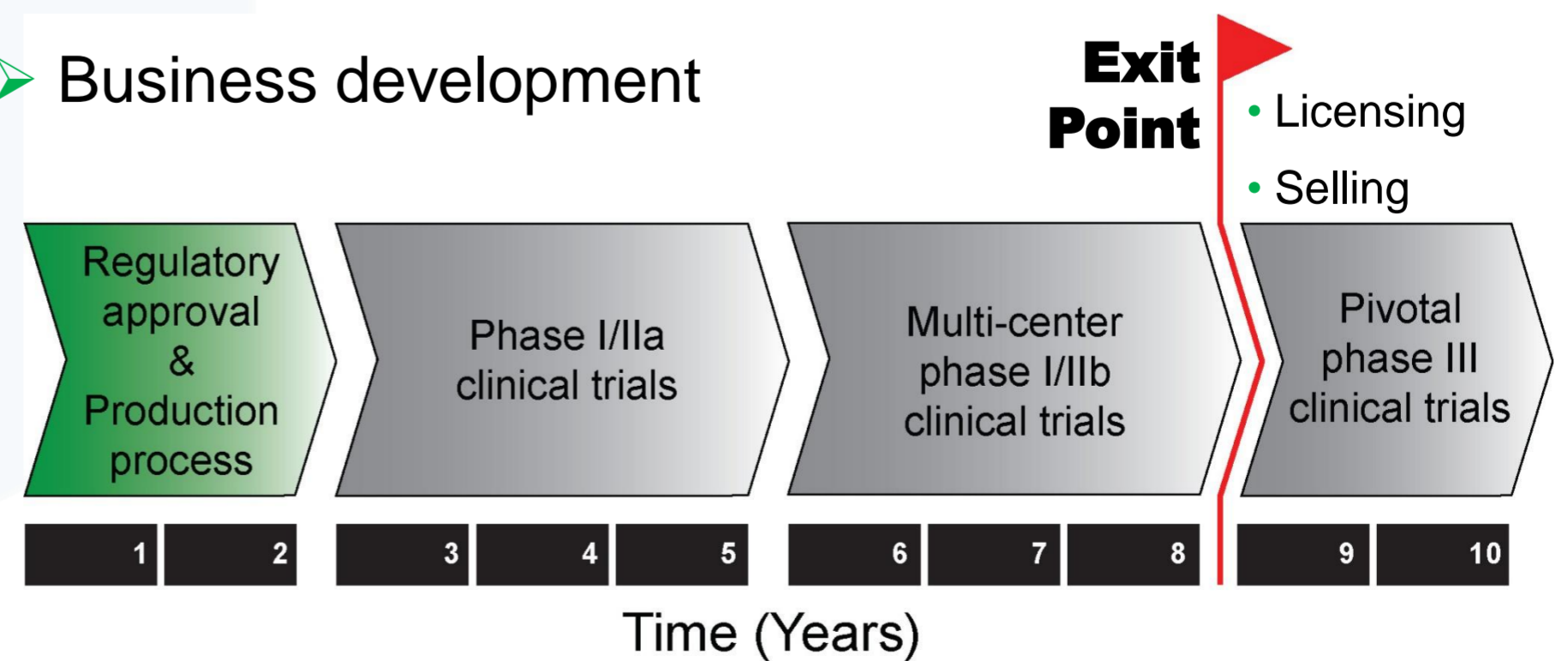
- **Initial funding 100 thousand US\$** (November 2010)
- **Renewed funding 1.2 million US\$** (November 2013)



### Seeking additional support from investors

**(450.000 US\$)**

- Develop a second generation of vaccine candidates
- Secure national / regional IP protection
- Business development



### team members



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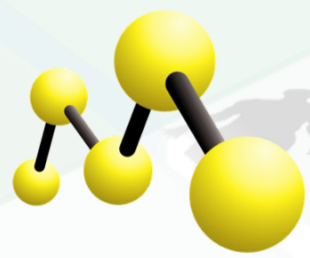
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