


Advances in the Discovery of potential Antimalarial Therapies derived from Phenotypic screening



- Artemisinin based combination therapies (ACTs) are in danger : **NEW DRUGS ARE NEEDED**
- Phenotypic Screening  *Tres Cantos Antimalarial Set (TCAMS)*
- What do we need for a good antimalarial?

- *in vitro & in vivo potency*
- *No Tox issues*
- *Fast acting*
- *Low frequency of resistant mutant generation*
- *Novel mechanism of action*
- *Oral bioavailability*
- *Potential for single dose cure*



Having all
these
properties in
one hit can be
a challenge
but ...



- **... WE ARE CLOSE !!!** Strategy & Advances presented in the poster **48**