

## How to contribute

- Design and synthesis of compounds to achieve the objectives captured below (Objective section)
- Synthesis of compounds (see attached excel for the targets that are currently under synthesis and Medicinal Chemistry plans)
- Identification of putative metabolites for MMV023227 and MMV892881
- Carry out experimental *in vitro* Met ID for MMV023227 and/or MMV892881 in HLM and/or rat hepatocytes

You can confirm the activity to be undertaken either on Malaria Libre LinkedIn page (<https://www.linkedin.com/groups/12435285/>) or email to [malaria.libre@mmv.org](mailto:malaria.libre@mmv.org)

Participants are requested to submit ideas in advance for discussion in the project meetings.

Please note that structures planned for synthesis must be shared in the form of SMILES.

## Objectives:

- Improve potency
- Reduce log D (target log D ≤ 3)
- Improve metabolic stability

## Plans:

- Focus on improving potency and expanding SAR understanding
- Generate Met ID (experimental and predictive) for representative compound(s) to understand metabolic hot spots



