

Supplemental table 1: Eligibility criteria for the different study components

Cross-sectional study
<p><u>Inclusion criteria</u></p> <ul style="list-style-type: none"> - Showing symptoms suggestive of malaria and/or VL - Living in the catchment area of the study hospital <p><u>Exclusion criteria</u></p> <ul style="list-style-type: none"> - Already under drug treatment for malaria and/or VL - Having a positive VL diagnosis in their medical history - Pregnant
Case-control study: patient cases
<p><u>Inclusion criteria</u></p> <ul style="list-style-type: none"> - Included in the cross-sectional study - Having a laboratory-confirmed VL diagnosis and/or malaria diagnosis <p><u>Exclusion criteria</u></p> <p>None</p>
Case-control study: healthy controls
<p><u>Inclusion criteria</u></p> <ul style="list-style-type: none"> - Living in the village of residence of a VL-infected participant of the cross-sectional study - Living in the current house for at least 1 year - Not showing symptoms suggestive of malaria and/or VL - Negative for malaria with malaria RDT - Negative for VL with rk39 RDT <p><u>Exclusion criteria</u></p> <ul style="list-style-type: none"> - A positive VL diagnosis in their medical history - A history of clinical malaria in the preceding 2 weeks - Already under drug treatment for malaria and/or VL - Pregnant
Cohort study: clinically ill patients
<p><u>Inclusion criteria</u></p> <ul style="list-style-type: none"> - Included in the cross-sectional study - Between 6 and 30 years of age - Having a laboratory-confirmed VL diagnosis and/or malaria diagnosis with <i>P. falciparum</i> (parasite counts between 1000 and 250,000 /μL of blood only) - Eligible for first-line treatment for VL and/or malaria as stated in the national treatment guidelines <p><u>Exclusion criteria</u></p> <ul style="list-style-type: none"> - Having a haemoglobin level of ≤ 5 g/dL - Being diagnosed with malaria caused by a <i>Plasmodium</i> species different than <i>P. falciparum</i> - Suffering from any other infectious disease, acute or chronic, different from malaria and/or VL, of which the patient has knowledge - Suffering from any immune system disorder, acute or chronic, of which the patient has knowledge

- Being under antimicrobial and/or anti-inflammatory treatment
- Being under immune-suppressive or immune-stimulatory treatment

Cohort study: healthy and asymptomatic household membersInclusion criteria

- Living in the household of one of the clinically ill participants of the cohort study
- 6 years old and above
- Not showing any major symptoms suggestive of malaria and VL
- Having a body temperature below 37.5°C

Exclusion criteria

- A positive VL diagnosis in their medical history
- A history of clinical malaria in the preceding 2 weeks
- Already under drug treatment for malaria and/or VL
- Pregnant
- Being diagnosed with malaria caused by a *Plasmodium* species different than *P. falciparum*
- Suffering from any other infectious disease, acute or chronic, different from malaria and/or VL, of which the patient has knowledge
- Suffering from any immune system disorder, acute or chronic, of which the patient has knowledge
- Being under antimicrobial and/or anti-inflammatory treatment
- Being under immune-suppressive or immune-stimulatory treatment