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HIV and *Schistosoma* spp. interactions: epidemiology and consequences for detection and prevention in the lake region of Tanzania

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**HIV AND *SCHISTOSOMA* SPP. INTERACTIONS:
EPIDEMIOLOGY AND CONSEQUENCES FOR
DETECTION AND PREVENTION IN THE LAKE
REGION OF TANZANIA**

Soledad Colombe

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**HIV and *Schistosoma* spp. interactions:
epidemiology and consequences for detection and
prevention in the lake region of Tanzania**

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ABBREVIATIONS

Ab	Antibody
Adj	Adjusted
Ag	Antigen
AIDS	Acquired Immunodeficiency Syndrome
ANC	Antenatal Care
ART	Antiretroviral Therapy
ARV	Antiretrovirals
BMC	Bugando Medical Centre
CAA	Circulating Anodic Antigen
CB	Community-Based
CCA	Circulating Cathodic Antigen
CCR	C-C Chemokine Receptor
CD4	CD4 T+ Lymphocytes
CI	Confidence Interval
CTC	Care and Treatment Clinic
CXCR	C-X-C Chemokine Receptor
DALY	Disability-Adjusted Life Years
DBS	Dried Blood Spot
DSS	Demographic Surveillance System
ELISA	Enzyme-Linked Immunosorbent Assay
HCT	HIV Counseling and Testing
HIV	Human Immunodeficiency Virus
HR	Hazard Ratio
IFN	Interferon
Ig	Immunoglobuline
IL	Interleukine
IQR	Interquartile Range
IV	Intra-Venous
ln	Natural Logarithm
log10	Logarithm 10
MDA	Mass Drug Administration
n	Numerator
N	Total Denominator
NA	Not Available or Not Applicable
NIMR	National Institute for Medical Research
OB	Outpatient clinic-Based
OR	Odds Ratio
p	P-value
PCR	Polymerase Chain Reaction
PLHIV	People Living with HIV

POC	Point Of Care
PRR	Prevalence Risk Ratio
PZQ	Praziquantel
Ref	Reference
RNA	Ribonucleic Acid
Schisto	<i>Schistosoma</i> infection
<i>Sh</i> or <i>S.h.</i>	<i>S. haematobium</i>
sHIV	simian HIV
SHR	Subdistribution Hazard Ratio
<i>Sm</i> or <i>S.m.</i>	<i>S. mansoni</i>
STI	Sexually Transmissible Infection
TB	Tuberculosis
TCA	Trichloroacetic Acid
Th	T-helper cell
TNF	Tumor Necrosis Factor
T reg	Regulatory T cell
UCP-LF	Luminescent Up-Converting Phosphor Lateral Flow
UNAIDS	Joint United Nations Programme on HIV and AIDS
Un.	Unidentified
VCT	Voluntary Counseling and Testing
VL	Viral Load
WASH	Water, Sanitation, and Hygiene
WHO	World Health Organization
yo	Years-old