

Scientific publications related to onchocerciasis

2023

- [GONE – A new key-player for onchocerciasis elimination](#)

2024

- [GONE to combat onchocerciasis](#) (The Lancet Microbe)
- [Loiasis: bringing an end to neglect](#) (The Lancet World Report)
- [Niger eliminates onchocerciasis](#) (The Lancet Microbe)

December 2025

- [Effects of emodepside on single-channel properties of Onchocerca volvulus SLO-1A \(BK\) potassium channels](#) (PubMed)
- [Evaluation of NTD-O2, a Ghanaian herbal medicine, for onchocerciasis and animal African trypanosomiasis](#) (PubMed)
- [Zoonotic filariasis and its public health significance: a comprehensive literature review](#) (Frontiers)
- [Community engagement in mass drug administration participatory interventions: A scoping review](#) (PLOS NTDs)
- [Loiasis: the missing piece in the neglected tropical disease agenda](#) (PubMed)
- [Numerous onchocercomas in an elderly Ugandan woman: A rare presentation of onchocerciasis](#) (JAAD case reports)

November 2025:

- [Performance of novel onchocerciasis rapid diagnostic tests in a field setting in South Sudan](#) (PubMed)
- [Investigating HLA haplotypes as a potential risk factor for nodding syndrome: A case-control study in the Mahenge area, Tanzania](#) (PubMed)
- [Therapeutic and Formulation Advances of Ivermectin in Veterinary and Human Medicine](#) (PubMed)
- [Challenges in the implementation of mass drug administration programs with ivermectin for the control and elimination of onchocerciasis: a scoping review protocol](#) (PubMed)

October 2025:

- [Exploring the role of onchocerciasis in epilepsy: insights from a mouse model study](#) (PubMed)
- [Epidemiology and Risks Survey of Onchocerca volvulus Infection in Igbo-Eze North Local Government Area, Enugu State, Nigeria](#) (PubMed)
- [Humoral immune response to COVID-19 vaccines in onchocerciasis-infected individuals: a field study from Ghana](#) (Frontiers)
- [Decline in prevalence and intensity of onchocerciasis in sentinel villages along the Comoé river in Cascades region, Burkina Faso following five years of community directed bi-annual ivermectin treatment, 2011-2015](#) (PubMed)
- [Recurrence or Reinfection with Onchocerca lupi in a Child in 2021 and 2024 in New Mexico amid Rising Canine Infections](#) (PubMed)
- [Lessons from piloting and scaling a real-time DHIS2 based treatment reporting tool for mass drug administration in Nigeria](#) (PLOS NTDs)
- [Vaccination against Onchocerca volvulus induces IgG-mediated protective immunity dependent on neutrophils and complement](#) (PubMed)

- [Ivermectin: a therapeutic strategy to treat patients with resistant epilepsy](#) (PubMed)

September 2025:

- [Preliminary Evaluation of the Diagnostic Performance of OvMANE1 and OvMCBL02 Multiepitope Antigens for the Non-Invasive Diagnosis of Onchocerciasis Exposure](#) (PubMed)
- [Modulation allostérique positive des canaux potassiques *Brugia malayi* SLO-1F et *Onchocerca volvulus* SLO-1A sensibles à l'émodepside par GoSlo-SR-5-69](#) (Plos Pathogens)
- [Strategies and Recommendations for the Prevention and Control of War-Facilitated Onchocerciasis Reemergence in Sudan](#) (PubMed)
- [Community-directed treatment with ivermectin in Maridi, South Sudan: Impact of an onchocerciasis awareness campaign and bi-annual treatment on therapeutic coverage](#) (PubMed)
- [Repurposing of Anti-Infectives for the Management of Onchocerciasis Using Machine Learning and Protein Docking Studies](#) (PubMed)
- [Fixed-dose ivermectin for Mass Drug Administration: Is it time to leave the dose pole behind? Insights from an Individual Participant Data Meta-Analysis](#) (PLOS NTDs)
- [Knowledge, attitude and preventive practices towards onchocerciasis among residents of Ogun Waterside Local Government, IJEBU South-West, Nigeria](#) (PubMed)
- [Unlocking the blueprint to eliminating neglected tropical diseases: A review of efforts in 50 countries that have eliminated at least 1 NTD](#) (PubMed)
- [Onchocerciasis and Non-Communicable Diseases in the Bafut Health District, Cameroon: Knowledge, Attitudes, and Practices Towards Community-Directed Treatment with Ivermectin](#) (medRxiv)
- [Evaluation of the Clinical Performance of Two New Onchocerciasis Rapid Diagnostic Tests](#) (medRxiv)
- [Disability and quality of life assessment using WHODAS-12 items 2.0 and EQ-5D-5L in a rural area endemic for loiasis in the Republic of Congo: A population-based cross-sectional study \(the MorLo project\)](#) (PLOS NTDs)
- [Fixed-dose ivermectin for Mass Drug Administration: Is it time to leave the dose pole behind? Insights from an Individual Participant Data Meta-Analysis](#) (PLOS NTDs)
- [Clinical trial to test potential new cure for river blindness](#) (LSTM)

August 2025:

- [Recrudescence of transmission of onchocerciasis in some endemic communities in Kaduna State, Nigeria](#) (PLOS NTDs)
- [Emodepside Effects on *Onchocerca volvulus* BK Potassium Channels](#) (PubMed)
- [Community Knowledge, Attitudes, and Participation in Onchocerciasis Control near Erin-Ijesha and Arinta Waterfalls, Southwest Nigeria](#) (PubMed)
- [The last mile in onchocerciasis elimination: diagnostic challenges](#) (PubMed)
- [Onchocerciasis status in Guinea-Bissau: an overview of trends in epidemiological and entomological indicators](#) (PubMed)
- [Usability, acceptability, and cost of the SD BIOLINE Ov16 rapid diagnostic test for onchocerciasis surveillance in endemic communities in the middle belt of Ghana](#) (PubMed)
- [Global Epidemiology of Vector-Borne Parasitic Diseases: Burden, Trends, Disparities, and Forecasts \(1990-2036\)](#) (PubMed)

July 2025:

Updated 11 December 2025

- [Larval Susceptibility and Impact of Temephos Treatment in Cameroon's Mbende Tributary \(Parasites Vectors\)](#)
- [Safety and Efficacy of 3- and 5-Day Levamisole Regimens in Loiasis: A Randomized Trial \(PubMed\)](#)
- [Vector Dynamics and Onchocerca Infectivity in Simulium damnosum at Two Waterfalls in Southwest Nigeria \(Science Direct\)](#)
- [Genetic Structure and Reproductive Adult Estimates in Onchocerca volvulus Across Hosts and Regions \(PubMed\)](#)
- [Evaluating Moxidectin Dosing in Children for Onchocerciasis: A Safety and PK Study \(Parasites & Vectors\)](#)
- [Temephos Susceptibility and Impact of Larvicide Treatment on Simulium Larvae and Adult Biting Rates in Cameroon \(Parasites & Vectors\)](#)
- [The changing neglected tropical disease landscape in Africa: implications for policy, practice, and strengthening health systems \(Health Affairs Scholar\)](#)
- [A community-based vector control intervention “Slash and Clear” implemented in two onchocerciasis-endemic foci in South Sudan \(PLOS NTDs\)](#)
- [Averting collapse: Reimagining the NTDs ecosystem through G20 health diplomacy and science innovation \(Science Direct\)](#)

June 2025:

- [A cross-sectional investigation of the ophthalmological impact of loiasis in Cameroon, Central Africa \(Plos NTDs\)](#)
- [Using Xenomonitoring to Measure Triple-Drug Impact on lymphatic Filariasis in the Kenyan coast \(medRxiv\)](#)
- [Decreasing epilepsy-related mortality in the Maridi onchocerciasis focus, South Sudan \(PubMed\)](#)
- [Antibody Biomarker for Onchocerca volvulus Identified via Proteomic Analysis \(PubMed\)](#)
- [Assessing Onchocerciasis in New Areas for Ivermectin distribution in Fer-Fer, Ethiopia \(PubMed\)](#)
- [High epilepsy prevalence and excess mortality in onchocerciasis-endemic counties of South Sudan \(Plos NTDs\)](#)
- [Identification to cytospecies of the vector of onchocerciasis in the Republic of Niger \(PubMed\)](#)
- [B12N12 and A112N12 Nanocages as Carriers for an Anti-Onchocerciasis Agent: A DFT Study \(PubMed\)](#)
- [Global Burden of Skin and Subcutaneous Diseases: GBD 2021 Analysis \(International Health\)](#)

May 2025:

- [HISTONCHO: A database of intervention histories for onchocerciasis control & elimination in sub-Saharan Africa \(medRxiv\)](#)
- [Investigating Non-S. damnosum Black Flies in Cameroon with Molecular Tools \(PubMed\)](#)
- [Evaluating Albendazole for Loiasis: A Phase IIb Study in Gabon \(medRxiv\)](#)
- [Utilization of health facilities and schools in onchocerciasis elimination efforts \(PubMed\)](#)

April 2025

- [Reaching Elimination of Onchocerciasis Transmission with Long-term Vector Control and Ivermectin Treatment in West Africa: The Example of Togo \(Research Square\)](#)
- [Mass drug administration coverage and its determinants for the elimination of onchocerciasis in Ulanga District, Tanzania \(Plos NTDs\)](#)

March 2025

Updated 11 December 2025

- [Constructing Success: The World Bank, Onchocerciasis Control, and What Lies Beneath Triumphalist Global Health Narratives](#) (PubMed)
- [Revisiting the Loa loa microfilaremia thresholds above which serious adverse events may occur with ivermectin treatment](#) (Plos NTD)
- [Accelerating onchocerciasis elimination in humanitarian settings: lessons from South Sudan](#) (PubMed)
- [Knowledge and Practices of Four Onchocerciasis-Endemic Communities in Cameroon](#) (PubMed)
- [Status of onchocerciasis transmission in the Adamaoua region of Cameroon after 20 years of ivermectin mass distribution](#) (Plos NTDs)