



Réseau MTN Francophone

Veille scientifique

Maladies tropicales négligées

Semaine 04
2026

Table des matières

LEPRE	2
MYCETOME.....	4
PIAN	5
ECHINOCOCCOSE.....	5
LEISHMANIOSE	7
HELMINTHES DU SOL.....	12
CYSTICERCOSE	14
DRACUNCULOSE	14
FILARIOSE LYMPHATIQUE.....	15
SCHISTOSOMOSE.....	16
ONCHOCERCOSE.....	19
MORSURE DE SERPENT	20
TREMATODES ALIMENTAIRES	21
GALE	22
RAGE	23
NOMA.....	25
DENGUE ZIKA CHIKUNGUNYA	26
ULCERE DE BURULI	41
TRYPANOSOMOSE	41
TRACHOME.....	45

LEPRE

1. [Biosensor-Based Platforms for the Detection and Screening of *Mycobacterium leprae* Infection.](#)
Parreiras de Jesus AC, Grossi de Oliveira AL, Di Scala F, Menezes CADS, Bueno LL, van Grinsven B, Arreguin-Campos R, Fujiwara RT, Cleij TJ.
ACS Infect Dis. 2026 Jan 21. doi: 10.1021/acsinfecdis.5c00851. Online ahead of print.
PMID: 41562349 Review.
2. [Lichen Scrofulosorum Without Mantoux Positivity in a 72-Year-Old Male: A Clinical Paradox.](#)
Joseph Bella J, Harikumar MV, Dennis Joseph L, Rangarajan S, Swaminathan A.
Cureus. 2025 Dec 20;17(12):e99689. doi: 10.7759/cureus.99689. eCollection 2025 Dec.
PMID: 41561301 **Free PMC article.**
3. [Elevated Type I interferon signature in patients with Chronic Granulomatous Disease.](#)
Aggarwal R, Vignesh P, Dod A, Keshavamurthy V, Sharma S, Singh S, Rawat A.
Clin Exp Immunol. 2026 Jan 20:uxag003. doi: 10.1093/cei/uxag003. Online ahead of print.
PMID: 41559882
4. [Success rates of DR-TB patients and associated factors in Tanzania: a six-year cohort study.](#)
Lyakurwa DM, Lekule IA, Mziray SR, Balama RF, Sililo G, Kisonga RM, Yao W, Ai F.
BMC Infect Dis. 2026 Jan 20. doi: 10.1186/s12879-026-12599-x. Online ahead of print.
PMID: 41559620 No abstract available.
5. [A rare occurrence of lepra Type II reaction in pure neuritic leprosy: a case report.](#)
Asfaw N, Gebrewold AM.
BMC Infect Dis. 2026 Jan 20. doi: 10.1186/s12879-026-12636-9. Online ahead of print.
PMID: 41559576 No abstract available.
6. [Integrative Image Processing Framework for Enhanced Detection of Leprosy-Associated Chronic Wounds.](#)
Mehta J, Mishra S, Malvankar RN, Borade S.
Int J Low Extrem Wounds. 2026 Jan 19:15347346251412645. doi: 10.1177/15347346251412645. Online ahead of print.
PMID: 41553957

7. [A Multiepitope Protein Based on Selected Synthetic Peptides Enables Effective Serological Screening of Exposure to *Mycobacterium leprae*.](#)
Parreiras de Jesus AC, Cirilo TM, Rihs JBDR, Guimarães TMPD, Lima HR, Ferreira SR, Arreguin-Campos R, Menezes CADS, Bueno LL, van Grinsven B, Cleij T, Grossi de Oliveira AL, Fujiwara RT.
ACS Omega. 2025 Dec 22;11(1):522-534. doi: 10.1021/acsomega.5c05816. eCollection 2026 Jan 13.
PMID: 41552568 **Free PMC article.**
8. [Determinants of subclinical leprosy among household contacts in Indonesia: serological and socio-demographic factors.](#)
Khariri K, Sunarno S, Panjaitan NSD, Yuliandari P, Handayani S, Dewi RM, Sari NIP, Fitriana F, Pasiana AD, Kusriani I, Njoto EN.
PeerJ. 2026 Jan 12;14:e20631. doi: 10.7717/peerj.20631. eCollection 2026.
PMID: 41551453 **Free PMC article.**
9. [A multimodal neuroimaging approach evaluation of emotional response and anxiety symptoms in leprosy patients.](#)
Gama TM, Ramos LR, Fernandes O Jr, Arruda Sanchez T.
Trans R Soc Trop Med Hyg. 2026 Jan 19:traf139. doi: 10.1093/trstmh/traf139. Online ahead of print.
PMID: 41549955
10. [Repurposing Itraconazole in Clinical Dermato-oncology Beyond Conventional Antifungal Use- A review.](#)
Kaur S, Raj RT, Narang T.
Clin Exp Dermatol. 2026 Jan 19:llag023. doi: 10.1093/ced/llag023. Online ahead of print.
PMID: 41549065
11. [Identification of leprosy reactions using Fourier transform infrared \(FTIR\) spectroscopy supervised by clinical evaluation.](#)
de Moraes PC, Koehler A, Eidt LM, Cattani CAS, Corbellini VA, Scroferneker ML.
J Pharm Biomed Anal. 2026 Jan 12;272:117354. doi: 10.1016/j.jpba.2026.117354. Online ahead of print.
PMID: 41547185
12. [Identifying missed opportunities in tuberculosis preventive treatment care cascade: Analysis of programme data from Maharashtra, India.](#)
Mundra A, Bhatnagar T, Das M, Sangale S, Patil H, Raut A, Kadu A, Paradkar RJ, Gupta SS, Garg BS.
PLOS Glob Public Health. 2026 Jan 16;6(1):e0004630. doi: 10.1371/journal.pgph.0004630. eCollection 2026.
PMID: 41544145 **Free PMC article.**

13. [Pragmatic recommendations to improve access to rehabilitation robots, assistive technologies and neurorehabilitation services in Africa: proceedings from ICORR-SASNET Ghana neurorehabilitation workshop, 2024.](#)
Ad Adams E, Riener R, Bouri M, Gunther I, Olaogun M, Komolafe MA, Ad Adams CA, Akpalu A, Agoriwo MW, Ajavon LW, Ayodele K, Sanusi AA, Idowu AO, Ogunmodede A, Quao BO, Khor KX, Kamadu A, Maholo SC, Halfon S, Eke UC, Ayenowowon SO, Nelson EA, Barnes MC, Yeboah P, Amoah PA, Dakpoe CK, Owolabi MO, Johnson MJ.
Front Stroke. 2025 Sep 1;4:1565651. doi: 10.3389/fstro.2025.1565651. eCollection 2025.
PMID: 41541887 **Free PMC article.**
14. [Ancient DNA study provides clues to leprosy susceptibility in medieval Europe.](#)
Romeyer-Dherbey JH, Caliebe A, Özer O, da Silva NA, Mejía NM, Myburgh DA, Fuchs K, Pedersen DD, Boldsen J, Larsen LA, Seeberg L, Søvsø M, Rieger D, Prescher A, Nebel A, Krause-Kyora B.
Genome Biol. 2026 Jan 16. doi: 10.1186/s13059-025-03925-8. Online ahead of print.
PMID: 41540446
15. [Bioresorbable-bioactive auxetic "personalised" phalanx with a CT-guided AI-driven model towards *in vivo* prediction of bone regeneration.](#)
Das S, Rana M, Prabhu RK, Jana S, Dogra N, Reddy KP, Roy Chowdhury A, Datta P, Bagade A, Fulzele P, Zahiruddin Q, Dhara S.
Biomater Sci. 2026 Jan 20;14(2):571-587. doi: 10.1039/d5bm01337b.
PMID: 41384766
16. [The curious constraints on clofazimine.](#)
Goh M, Eisenkraft Klein D, Kesselheim AS.
J Antimicrob Chemother. 2026 Jan 6;81(1):dkaf430. doi: 10.1093/jac/dkaf430.
PMID: 41259059 **Review.**

MYCETOME

1. [Clinical presentation, etiology, and treatment outcomes of mycetoma: A 25-year retrospective study in Southern Thailand.](#)
Chittrakarn S, Kanchanasuwan S, Sangkakul N, Tongsengkee N.
PLoS Negl Trop Dis. 2026 Jan 21;20(1):e0013818. doi: 10.1371/journal.pntd.0013818. Online ahead of print.
PMID: 41564116

PIAN

1. [A 5500-year-old *Treponema pallidum* genome from Sabana de Bogotá, Colombia.](#)
Bozzi D, Broomandkshobacht NZ, Delgado M, Buikstra JE, Amorim CEG, Kassadjikova K, Estrada MP, Greub G, Rascovan N, Šmajš D, Fehren-Schmitz L, Malaspinas AS, Nelson EA.
Science. 2026 Jan 22;391(6783):eadw3020. doi: 10.1126/science.adw3020.
Epub 2026 Jan 22.
PMID: 41570125
2. [Effect of repeated mass drug administration on the transmission of yaws: a retrospective genomic epidemiology study.](#)
Barton A, Pospíšilová P, Beiras CG, John LN, Houinei W, Giacani L, Šmajš D, Marks M, Mitjà O, Beale MA, Thomson NR.
Lancet Microbe. 2026 Jan;7(1):101229. doi: 10.1016/j.lanmic.2025.101229.
Epub 2026 Jan 6.
PMID: 41512898 Clinical Trial.

ECHINOCOCCOSE

1. [Primary evaluation of immune responses in mice after a single mRNA immunization with *Echinococcus granulosus* Eg95 and *Coenurus cerebralis* TM16.](#)
Meng CN, Li TT, Li WH, Wang M, Chen WG, Yan HB, Li L, Sun XL, Fu BQ, Zhang NZ.
Vaccine. 2026 Jan 21;75:128232. doi: 10.1016/j.vaccine.2026.128232. Online ahead of print.
PMID: 41570444
2. [Prevalence and distribution of *Echinococcus* species in domestic dogs and wild canids in Pennsylvania: KeyScreen® GI Parasite PCR testing of fecal samples.](#)
Garrett KB, Brown J, Jimenez Castro PD, Evason M, Jarque M, Jenkins E, Kuhn N, Leutenegger C, Lozoya C, Loo S, Maxwell L, Niedringhaus KD, Peregrine AS, Savard C, Tereski J, Volappi T, Van Why K, Yabsley MJ, Cleveland CA.
One Health. 2026 Jan 6;22:101323. doi: 10.1016/j.onehlt.2026.101323.
eCollection 2026 Jun.
PMID: 41567855 **Free PMC article.**
3. [Estimating the prevalence of *Echinococcus* spp. in a Tibetan fox \(*Vulpes ferrilata*\) population on the eastern Tibetan Plateau.](#)
Zuo Q, Wang X, Zheng J, Wang G, Weng X, Jiang W, Liu N, Yang Y, Chen J, Bianba Z, Ding Y, Wang X, Wei X, Wang Z.
Parasit Vectors. 2026 Jan 21;19(1):41. doi: 10.1186/s13071-025-07085-3.

- PMID: 41566393 **Free PMC article.**
4. [Analysis of Echinococcus multilocularis Complete Mitogenomes: Evidence for the Historical Spread from Central Asia to the Northern Hemisphere.](#)
Guo B, Ren C, Mi R, Wu J, Borhani M, Aizezi M, Cheng L, Wang X, Li L, Knapp J, Guo G, Lü G, Aimulajiang K, Tang W, Huang X, Wen H.
Int J Parasitol. 2026 Jan 19;104773. doi: 10.1016/j.ijpara.2026.104773.
Online ahead of print.
PMID: 41565097
 5. [IL-22-STAT3-CD155 axis in alveolar echinococcosis: a pivotal role in immune exhaustion and therapeutic potential.](#)
Li L, Zhang X, Yang N, Liu H, Xue J, Chu J, Lv G, Aji T, Bi X, Lin R.
Front Immunol. 2026 Jan 5;16:1674904. doi: 10.3389/fimmu.2025.1674904.
eCollection 2025.
PMID: 41562076 **Free PMC article.**
 6. [Fine Needle Aspiration Cytology of Hepatic Hydatid Disease: A Five-Year Case Series with Emphasis on Diagnostic Limitations.](#)
Sadiku F, Qerimi A, Bunjaku G, Maluku I, Pajaziti A.
Acta Cytol. 2026 Jan 19;1-18. doi: 10.1159/000550489. Online ahead of print.
PMID: 41553949
 7. [The wandering hydatid cyst with arterial embolization: Diagnostic pitfalls and management strategies in resource-limited healthcare - A case report.](#)
Belete Y, Girma A, Anegagregn A, Ashine BA, Sintayehu E.
IDCases. 2025 Dec 21;43:e02465. doi: 10.1016/j.idcr.2025.e02465.
eCollection 2026.
PMID: 41551369 **Free PMC article.**
 8. [Secondary pelvic hydatid cyst of the Douglas pouch causing ureteral obstruction and acute pyelonephritis: A rare case report.](#)
Lâamiri G, Alouani H, Gazzah H, Abdelhedi A, Bouassida M, Touinsi H.
IDCases. 2025 Dec 27;43:e02477. doi: 10.1016/j.idcr.2025.e02477.
eCollection 2026.
PMID: 41551352 **Free PMC article.**
 9. [Diagnostic performance comparison of two ultrasound classification systems for hepatic alveolar echinococcosis: a single-center retrospective study.](#)
Wang Y, Zhou J, Zhou W, Zhong X, Li Y, Cai D.
Infect Dis Poverty. 2026 Jan 19;15(1):11. doi: 10.1186/s40249-025-01402-9.
PMID: 41549313 **Free PMC article.**
 10. [Ginkgolic acid attenuates echinococcus granulosus infection-induced hepatic fibrosis by inhibiting Smad4 SUMOylation.](#)
Chen Q, Dong D, Yu X, Jiang X, Jiang H, Hou J, Wang L, Xu J, Wu X, Chen X.
PLoS Negl Trop Dis. 2026 Jan 13;20(1):e0013497. doi: 10.1371/journal.pntd.0013497. eCollection 2026 Jan.

PMID: 41529030 **Free PMC article.**

11. [CRISPR/Cas12a-RCA enables ultrasensitive detection of circulating free DNA for noninvasive diagnosis of echinococcosis.](#)

Ma J, Zhang Y, Li Z, Liu L, A J, Liang R, Cao C, Zhou J, Cheng P, Li Y, Li Z, Ma L, Jiang L, A X.

PLoS Negl Trop Dis. 2026 Jan 8;20(1):e0013069. doi: 10.1371/journal.pntd.0013069. eCollection 2026 Jan.

PMID: 41505468 **Free PMC article.**

12. [Antigen B from Echinococcus granulosus regulates autophagy-mediated macrophage polarization to alleviate immune thrombocytopenia.](#)

Song HC, Li DL, Wang JJ, Jiao HJ, Li MW, Zhao L, Yang XH, Yan M.

Parasit Vectors. 2025 Dec 15;19(1):38. doi: 10.1186/s13071-025-07182-3.

PMID: 41398704 **Free PMC article.**

LEISHMANIOSE

1. [Genetic diversity of Phlebotomus perniciosus populations between insular and mainland regions in the leishmaniasis-endemic western Mediterranean area.](#)

Chavez-Fisa S, Roca-Geronès X, Fisa R, Riera C, Alcover MM.

Parasit Vectors. 2026 Jan 22. doi: 10.1186/s13071-026-07261-z. Online ahead of print.

PMID: 41572377

2. [Motif-guided trafficking of leishmanial PAS domain-containing phosphoglycerate kinase into glycosomes and lysosomes.](#)

Dholey Y, Chowdhury G, Panja P, Adak S.

FEBS Lett. 2026 Jan 22. doi: 10.1002/1873-3468.70283. Online ahead of print.

PMID: 41572369

3. [In vitro antipromastigote activity of decoction and hydrodistillation extracts of Clematis hirsuta leaves against Leishmania donovani and Leishmania aethiopica.](#)

Abebe E, Gelana T, Nigussie H, Ejigu A, Asmamaw Y, Araya D, Hailesilassie W, Tadele M, Sirak B, Mequanente S, Belay G.

BMC Complement Med Ther. 2026 Jan 22. doi: 10.1186/s12906-026-05251-3. Online ahead of print.

PMID: 41572267 No abstract available.

4. [Potential of ethyl acetate and acetone extracts from Montrichardia linifera leaves: Chemical characterization, in vitro study, molecular docking ad ADME-TOX.](#)

- Lima CD, da Costa Mota M, Sousa RLS, Dos Santos LBP, de Araujo Sousa PS, Rodrigues RRL, da Franca Rodrigues KA, Bhuia MS, Islam MT, de Araújo-Nobre AR, da Rocha CQ, Rocha JA.
Fitoterapia. 2026 Jan 20:107094. doi: 10.1016/j.fitote.2026.107094. Online ahead of print.
PMID: 41570926
5. [Activity-based chemoproteomic profiling reveals the active kinome of *Leishmania*.](#)
Porta EOJ, Kalesh K, Steel PG.
Front Pharmacol. 2026 Jan 6;16:1687590. doi: 10.3389/fphar.2025.1687590. eCollection 2025.
PMID: 41567635 **Free PMC article.**
 6. [Caffeoylquinic acid derivatives isolated from *Tussilago farfara* L. as potential anti-leishmanial agents; *in vitro* and *in silico* studies.](#)
Ahmad I, Hafez-Ghoran S, Yousuf M, Zafar H, Wahab AT, Yousuf S, Ahmad M, Gul I, Kudaibergenova B, Choudhary MI.
Nat Prod Res. 2026 Jan 22:1-9. doi: 10.1080/14786419.2026.2613766. Online ahead of print.
PMID: 41566996
 7. [First experimental assessment of *Phlebotomus mascittii* vector competence for *Leishmania infantum* and *Leishmania martiniquensis*.](#)
Sadlova J, Hoskova A, Platzgummer K, Kniha E, Becvar T, Volf P, Dvorak V.
Parasit Vectors. 2026 Jan 21. doi: 10.1186/s13071-025-07228-6. Online ahead of print.
PMID: 41566500
 8. [From pandemic influenza to novel coronaviruses: emerging infectious diseases of the 21st century.](#)
Asokan S, Damilare II, Kumar S, Pandey RK, Verma G, Banerjee N, Radhamanalan G, Vijayan S, Jacob T, Rajeswary D.
Diagn Microbiol Infect Dis. 2026 Jan 15;114(4):117277. doi: 10.1016/j.diagmicrobio.2026.117277. Online ahead of print.
PMID: 41564537 **Review.**
 9. [Retraction: *Leishmania donovani* isolates with antimony-resistant but not -sensitive phenotype inhibit sodium antimony gluconate-induced dendritic cell activation.](#)
PLOS Pathogens Editors.
PLoS Pathog. 2026 Jan 21;22(1):e1013877. doi: 10.1371/journal.ppat.1013877. eCollection 2026 Jan.
PMID: 41564002 **No abstract available.**
 10. [Phlebotomus duboscqi gut microbiota dynamics in the context of *Leishmania* infection.](#)

- Tang K, Zhang Y, Meneses C, Rogerio LA, Willen L, Iniguez E, Kamhawi S, Valenzuela JG, Oliveira F, Cecilio P.
Front Immunol. 2026 Jan 5;16:1717935. doi: 10.3389/fimmu.2025.1717935. eCollection 2025.
PMID: 41562094 **Free PMC article.**
11. [TLR4 rs4986790 and TLR9 rs5743836 Polymorphisms and Their Association With Clinical Outcomes of Leishmania infantum Infection in Tunisia.](#)
Chargui N, Mtiraoui N, Chaabane Banaoues R, Babba H, Sakly W.
Cureus. 2025 Dec 20;17(12):e99686. doi: 10.7759/cureus.99686. eCollection 2025 Dec.
PMID: 41561268 **Free PMC article.**
 12. [Determinants of Leishmania infection in refugee camps in Gambella and Benishangul Gumuz regional states of Ethiopia: a matched case-control study.](#)
Belay H, Aklilu E, Abera A, Abdisa B, Belachew M, Tasew G, Erko B.
BMC Infect Dis. 2026 Jan 20. doi: 10.1186/s12879-026-12647-6. Online ahead of print.
PMID: 41559583 No abstract available.
 13. [Protective Effects of rLPG3 Plus Freund's Incomplete Adjuvant on Parasitism, Hepatic Function, and Immune Modulation in Experimental Visceral Leishmaniasis.](#)
Bastos DSS, Miranda BM, Rooke CI, Ferreira NJS, Ervilha LOG, Carvalho RPR, Souza ACF, Neves MM, Oliveira LL, Marques da Silva EA.
ACS Infect Dis. 2026 Jan 20. doi: 10.1021/acsinfectdis.5c01006. Online ahead of print.
PMID: 41559517
 14. [Emerging biosensor-based methodologies and strategies for leishmaniasis: trends, technologies, and translational potential.](#)
Farshchi F, Negahdary M, Souza-Silva F, Alves CR.
Mikrochim Acta. 2026 Jan 20;193(2):101. doi: 10.1007/s00604-025-07732-7.
PMID: 41557027 Review.
 15. [Improving Leishmania isolation in field conditions: Efficacy of caspofungin against yeasts contamination I.](#)
Mekarnia N, Gillard P, Aubry B, Huguenin A, Loiseau PM, Depaquit J.
Acta Trop. 2026 Jan 17:107985. doi: 10.1016/j.actatropica.2026.107985. Online ahead of print.
PMID: 41554417
 16. [From Abroad to Appalachia: A case report of cutaneous leishmaniasis in central Pennsylvania.](#)
Salmen N, Metellus R, Lim O, Pandya A, Horissian M.

- JAAD Case Rep. 2025 Oct 10;66:121-123. doi: 10.1016/j.jdc.2025.09.032. eCollection 2025 Dec.
PMID: 41550323 **Free PMC article.** No abstract available.
17. [Enhanced diagnostic tools for visceral leishmaniasis using kinase based antigens in Brazilian human and canine samples.](#)
Bhattacharyya A, Chhajer R, Kamran M, Ejazi SA, Didwania N, Gayen S, da Silva FO, Costa DL, de Mendonca IL, Costa CHN, Ali N.
Sci Rep. 2026 Jan 16. doi: 10.1038/s41598-025-34044-w. Online ahead of print.
PMID: 41545477
 18. [Water buffaloes \(Bubalus bubalis\): potential reservoirs of trypanosomatids in endemic areas.](#)
Romariz APPL, da Silva DT, Benassi JC, Leonel JAF, Spada JCP, Rodrigues CMF, Pérez HAG, de Almeida Paula NF, Teixeira MMG, de Sousa Oliveira TMF, Buzetti WAS.
Parasitol Int. 2026 Jan 14;113:103242. doi: 10.1016/j.parint.2026.103242. Online ahead of print.
PMID: 41544931
 19. [Plants with promising antileishmanial activity in Colombia: A systematic review and meta-analysis.](#)
Nieto-Clavijo C, Morales L, Zambrano G, Delgado-Aldana A, Corredor-Rozo ZL, Calvo EP, Tinjacá D, Chaparro-Olaya J.
Parasite Epidemiol Control. 2025 Dec 1;32:e00467. doi: 10.1016/j.parepi.2025.e00467. eCollection 2026 Feb.
PMID: 41542316 **Free PMC article.** Review.
 20. [Canine Leishmaniasis in Eastern Algeria: Seroprevalence and Risk Factors.](#)
Baaziz S, Zait H, Saadeddine R, Zeroual F, Saidani K, Gherissi DE, Benakhla A, Righi S.
Vet Ital. 2026 Jan 16;62(1). doi: 10.12834/VetIt.3807.37960.5.
PMID: 41540883
 21. [From dogma to data: charting a path forward for clinico-immunological research in Ethiopian cutaneous leishmaniasis.](#)
Pham TT, van Henten S, Woldetensay M, Asres MS, Ayele E, Kaye PM, Domagalska MA, Dujardin JC, van Griensven J, Adriaensen W; Spatial CL Consortium.
Infect Dis Poverty. 2026 Jan 16;15(1):10. doi: 10.1186/s40249-025-01398-2.
PMID: 41540511 **Free PMC article.** Review.
 22. [Inhibitory effects against Trypanosoma cruzi, Leishmania infantum and trypanothione reductase of N¹,N⁴-bisbenzylbutane-1,4-diamines.](#)
Guarnieri OH, de Moura Lodi Cruz MGF, de Melo Resende D, Pontes CLM, Roberto IV, D'Agostini LS, Chithambo B, Ehlenz N, Siwe-Noundou X, Krause

- RWM, Biavatti MW, Lakkakula JR, Wagh NS, Steindel M, Opatz T, Fonseca Murta SM, Sandjo LP.
Bioorg Med Chem Lett. 2026 Jan 13;134:130541. doi: 10.1016/j.bmcl.2026.130541. Online ahead of print.
PMID: 41539588
23. [Evaluating the impact of nitisinone at mosquito-lethal doses on *Lutzomyia longipalpis*.](#)
Augendre L, Alexandre Farias de Souza L, Costa Ribeiro MCV, Depaquit J, Martinet JP, Prudhomme J.
PLoS Negl Trop Dis. 2026 Jan 12;20(1):e0013871. doi: 10.1371/journal.pntd.0013871. eCollection 2026 Jan.
PMID: 41525420 **Free PMC article.**
24. [Piperidine-based small molecules as dual-stage antileishmanial agents targeting parasite folate pathway.](#)
Al-Warhi T, Tawfik HO, Rashad NM, Shaldam MA, Nasralla SN, Ibrahim TM, Bekhit AA, Eldehna WM.
Bioorg Chem. 2026 Feb;169:109392. doi: 10.1016/j.bioorg.2025.109392. Epub 2025 Dec 16.
PMID: 41421081
25. [Recombinant small myristoylated protein-3 and synthetic peptide as diagnostic and prognostic biomarkers for tegumentary leishmaniasis.](#)
Rodrigues MM, Câmara RSB, Freitas CS, Lage DP, Silva AL, Cardoso MM, Galvani NC, Abrão DM, Pimenta BL, Assis BPN, Chaves AT, Tavares GSV, Oliveira-da-Silva JA, Tupinambás U, da Costa Rocha MO, Christodoulides M, Machado-de-Ávila RA, Gonçalves DU, Pereira IAG, Coelho EAF.
Parasitol Int. 2026 Jun;112:103213. doi: 10.1016/j.parint.2025.103213. Epub 2025 Nov 30.
PMID: 41330441
26. [Bidirectional Interaction Between Liposomal Amphotericin B Pharmacokinetics and Parasite Dynamics in Patients With Post-Kala-Azar Dermal Leishmaniasis: Potential Implications for Optimal Dosing.](#)
Chu WY, Singh OP, Sundar S, Mondal D, Pandey K, Das P, Roseboom IC, Raja S, Torres A, Carrillo E, Huitema ADR, Alves F, Dorlo TPC.
Clin Pharmacol Ther. 2026 Feb;119(2):437-446. doi: 10.1002/cpt.70124. Epub 2025 Nov 25.
PMID: 41288134 **Free PMC article.**
27. [A kaleidoscope of hosts: Expression systems of recombinant antibody reagents for immunological assays.](#)
Yeoh JX, Choong YS, Lim TS.
Protein Expr Purif. 2026 Mar;239:106857. doi: 10.1016/j.pep.2025.106857. Epub 2025 Nov 15.

PMID: 41248814 Review.

28. [Sand fly \(Diptera: Psychodidae: Phlebotominae\) species composition in an area with a recent American Tegumentary Leishmaniasis outbreak in Minas Gerais, Brazil.](#)
Dias ES, Michalsky ÉM, Rocha MFD, Pereira NCL, Saraiva L, Lara-Silva FO, Silva RAE, Fortes-Dias CL.
J Med Entomol. 2026 Jan 20;63(1):tjaf152. doi: 10.1093/jme/tjaf152.
PMID: 41144367 **Free PMC article.**
29. [Characterization of sand fly \(Diptera: Psychodidae: Phlebotominae\) fauna and potential hosts of Leishmania in a military area of Dourados, Mato Grosso do Sul, Brazil.](#)
Andrade de Sousa IB, Costa GB, Barbosa WZ, Magalhães KA, Pussi KF, Areco MAL, Chaves Júnior SP, de Almeida PS, Lima Junior MSDC, Neitzke-Abreu HC.
J Med Entomol. 2026 Jan 20;63(1):tjaf156. doi: 10.1093/jme/tjaf156.
PMID: 41124330
30. [In vitro and in silico evaluation of the anti-leishmania activity of synthetic chalcones.](#)
Leite FF, Rodrigues LC, Oliveira BHM, Duarte GD, Leite Ferreira MD, Sousa NF, Vanderley SER, Cardoso LL, Keesen TSL, Araújo RSA, Scotti L, Scotti MT, Mendonça-Junior FJB.
Nat Prod Res. 2026 Jan;40(1):196-207. doi:
10.1080/14786419.2024.2401499. Epub 2024 Sep 11.
PMID: 39257335

HELMINTHES DU SOL

1. [A case of multiple gastrointestinal pathogens in a HIV-negative child: A diagnostic clue to combined immunodeficiency.](#)
Joseph R K, Aggarwal P, Saxena S.
Trop Doct. 2026 Jan 22:494755261416600. doi:
10.1177/00494755261416600. Online ahead of print.
PMID: 41571251 No abstract available.
2. [Epidemiology of intestinal parasitic infections among school-aged children in low- and middle-income countries of Africa and Asia: a systematic review and meta-analysis.](#)
Yitageasu G, Tsegaw TK, Alemu EA, Brhan H, Adane KC, Arega FG, Tesfaye AH, Abebaw D, Gizaw Z, Demoze L.
Syst Rev. 2026 Jan 21. doi: 10.1186/s13643-025-03063-z. Online ahead of print.
PMID: 41559771
3. [Molecular identification of hookworm infection in humans, dogs and cats in Lao People's Democratic Republic.](#)

- Sayasone S, Norkhankham C, Many S, Homsana A, Inpankaew T, Odermatt P. *Infect Dis Poverty*. 2026 Jan 20;15(1):13. doi: 10.1186/s40249-025-01403-8. PMID: 41555461 **Free PMC article.**
4. [Exploratory Study Characterizing Gastrointestinal Physiological Changes During Controlled Human Hookworm Infection.](#)
Mules TC, Camberis M, Lavender B, Payne K, Yumnam B, Vacca F, Noble SL, Tang JS, Te Kawa T, Wheller G, Le Gros G, Inns S.
Am J Physiol Gastrointest Liver Physiol. 2026 Jan 19. doi: 10.1152/ajpgi.00300.2025. Online ahead of print.
PMID: 41553728
 5. [Public Spaces as Hotspots of Zoonotic Gastrointestinal Parasite Transmission: Evidence from Small Animal and Soil Surveillance in Malaysia.](#)
Low SY, Gun SK, Babatunde SM, Hussain SSS, Kamil WNIWA, Omar AR, Othman AH, Azizan TRPT, Moktar MA, Azman NB, Tan YM, Aziz NAA.
J Epidemiol Glob Health. 2026 Jan 16. doi: 10.1007/s44197-025-00511-w. Online ahead of print.
PMID: 41545624
 6. [Hookworm genomic diversity and population structure from accessible sample types: A validated approach to generate genome-wide polymorphism datasets from individual third-stage larvae.](#)
Herzog KS, Randi S, Osabutey D, Paraggio C, Bungiro R, Donkor IO, Appiah-Tsum F, Lamptey A, Quaye I, Vaughan S, Wilson MD, Ghansah A, Cappello M, Fauver JR.
bioRxiv [Preprint]. 2026 Jan 7:2026.01.06.697970. doi: 10.64898/2026.01.06.697970.
PMID: 41542459 **Free PMC article.** Preprint.
 7. [Gallbladder ascariasis complicated by chronic eosinophilic cholecystitis in a one-year-old infant: A case report.](#)
Saad I, Ayoub A, Abouheba M, Waheeb S, Yakout N, Zain M.
Int J Surg Case Rep. 2025 Oct 25;137:112105. doi: 10.1016/j.ijscr.2025.112105. eCollection 2025 Dec.
PMID: 41541165 **Free PMC article.**
 8. [Temporal and spatial distributions and clustering features of soil-transmitted helminthiases on Hainan Island: A retrospective study from 2017-2023.](#)
Xu G, Zeng W, Huang X, Tang Y, Li Y.
PLoS Negl Trop Dis. 2026 Jan 7;20(1):e0013864. doi: 10.1371/journal.pntd.0013864. eCollection 2026 Jan.
PMID: 41499599 **Free PMC article.**

CYSTICERCOSIS

1. [Diagnostic Performance of a Multiantigen Print ImmunoAssay \(MAPIA\) for Antibody Detection in Human Neurocysticercosis.](#)
Toribio LM, Guzman C, Vasquez A, Saavedra H, Gonzales I, Bustos JA, García HH.
Open Forum Infect Dis. 2026 Jan 20;13(1):ofaf797. doi: 10.1093/ofid/ofaf797. eCollection 2026 Jan.
PMID: 41567266 **Free PMC article.**
2. [A Study of Frequency and Secular Trends of Seropositivity for Cysticercosis in Peru Over 20 Years.](#)
Salas SM, Ramirez C, Toledo P, Guzmán C, Toribio LM, Saavedra H, Gonzales I, Bustos JA, Gilman RH, García HH; Cysticercosis Working Group in Peru.
Trop Med Int Health. 2026 Jan 19. doi: 10.1111/tmi.70080. Online ahead of print.
PMID: 41552957
3. [An unusual presentation of cysticercosis as a chest wall mass: A case report.](#)
Tilahun EB, Oluka D, Abie AS, Abiel Nyok AI, Ronald L, Oyanía F.
IDCases. 2025 Dec 21;43:e02474. doi: 10.1016/j.idcr.2025.e02474. eCollection 2026.
PMID: 41551364 **Free PMC article.**
4. [The catalytic subunit of cAMP-dependent protein kinase in Taenia solium cysticerci \(TsPKA-c\): A promising molecular target for the development of novel anti-cysticercosis therapeutics.](#)
Wang LQ, Liu GX, Liang PH, Li L, Li TS, Guo AM, Amuda TO, Wu KK, Wu YX, Yin H, Yan HB, Luo XN.
Vet Parasitol. 2026 Jan 13;343:110700. doi: 10.1016/j.vetpar.2026.110700. Online ahead of print.
PMID: 41547087

DRACUNCULOSE

1. [Regulation of the Gel Properties of Konjac Glucomannan and Deacetylated Konjac Glucomannan on Various Starches and the Processing Performance of Vermicelli.](#)
Xia P, Yu W, Hou T, Li J, Liang Y, Zhang G, Li B.
J Food Sci. 2026 Jan;91(1):e70865. doi: 10.1111/1750-3841.70865.
PMID: 41542819
2. [Microwave Plasma Torch Desorption Ionization Mass Spectrometry for Chemical Constituents of Pinellia ternata \(Thunb.\) Ten. ex Breitenb.](#)
Gao J.

- Rapid Commun Mass Spectrom. 2026 Apr 15;40(7):e70033. doi: 10.1002/rcm.70033.
PMID: 41539983
3. [Nano-citrus fiber/konjac glucomannan composite gel in low-fat mousse cake: quality properties and in vitro digestive behavior.](#)
He W, Huang Y, Li X, Xia B, Regenstein JM, Wang L.
Food Chem. 2026 Feb 15;502:147575. doi: 10.1016/j.foodchem.2025.147575.
Epub 2025 Dec 17.
PMID: 41435542
 4. [Synergistic glyphosate degradation in a rice-duckweed-microbe system: Mechanistic insights and sustainable remediation potential.](#)
Song Y, Chen Q, Hu Z, Yang X, Lu Y.
J Hazard Mater. 2026 Jan 1;501:140803. doi: 10.1016/j.jhazmat.2025.140803.
Epub 2025 Dec 11.
PMID: 41389483
 5. [Glutathione-associated genes SpGSH1 and SpPCS1 differentially modulate cadmium accumulation and tolerance in duckweed under micronutrient deficient environments.](#)
Chen Y, Hou H, Hu J, Xiong X, Ye C, Zhang Y, Zhang L, Sun Z.
Plant Physiol Biochem. 2026 Jan;230:110937. doi: 10.1016/j.plaphy.2025.110937. Epub 2025 Dec 11.
PMID: 41389387
 6. [Extraction and characterization of functional duckweed proteins using alkaline, enzymatic, and ultrasound-assisted techniques.](#)
Akyüz A, Ersus S.
Protein Expr Purif. 2026 Mar;239:106860. doi: 10.1016/j.pep.2025.106860.
Epub 2025 Nov 17.
PMID: 41260413

FILARIOSE LYMPHATIQUE

1. [Transmission status of lymphatic filariasis in hotspots of filarial infection, persistent districts of nepal during post-MDA surveillance.](#)
Mehta PK, Maharjan M.
PLoS One. 2026 Jan 16;21(1):e0338141. doi: 10.1371/journal.pone.0338141.
eCollection 2026.
PMID: 41544082 **Free PMC article.**
2. [Diethylcarbamazine elicits calcium signals by activation of Brugia malayi TRP-2b channels heterologously expressed in HEK293 cells.](#)
Williams PDE, Kashyap SS, Robertson AP, Martin RJ.
Sci Rep. 2025 Dec 16;16(1):2121. doi: 10.1038/s41598-025-31924-z.
PMID: 41398359 **Free PMC article.**

SCHISTOSOMOSE

1. [Dynamic single-cell transcriptomics reveals Isamp-guided neural network formation in male *S. japonicum* driving female reproduction.](#)
You Y, Cheng S, Chen X, Chen X, Yi C, Cai M, Luo F, Wang X, Xie Y, Yang W, Xiu L, Gu M, Sun C, Huo L, Chen G, Li S, Wang J, Hu W.
Nat Commun. 2026 Jan 22. doi: 10.1038/s41467-026-68305-7. Online ahead of print.
PMID: 41571647
2. [Long-term persistence of *Schistosoma mansoni* hotspots in western Kenya despite ongoing mass drug administration.](#)
Olilah P, Oguso J, Okinyo A, Le Clec'h W, Chevalier FD, Musembi S, Anderson T, Ndombi EM.
Curr Res Parasitol Vector Borne Dis. 2026 Jan 5;9:100349. doi: 10.1016/j.crvbd.2026.100349. eCollection 2026.
PMID: 41568358 **Free PMC article.**
3. [Mzb1 Promotes Progression of Schistosomiasis by Inducing Endoplasmic Reticulum Stress.](#)
Pan L, Kong H, Xiang D, Li G, Zeng Z, Huang S, Xu X, Li J, Huang J.
J Infect Dis. 2026 Jan 21;jiaf639. doi: 10.1093/infdis/jiaf639. Online ahead of print.
PMID: 41562889
4. [Temporal variability and flooding influence the ecological niche of *Biomphalaria* intermediate hosts for *Schistosoma mansoni* in rural Uganda.](#)
Iacovidou MA, Byaruhanga AM, Besigye F, Nabatte B, Kabatereine NB, Chami GF.
Proc Biol Sci. 2026 Jan 21;293(2063):20252083. doi: 10.1098/rspb.2025.2083.
PMID: 41558788
5. [Endothelial cells protect *Schistosoma mansoni* from hydrogen peroxide-induced death.](#)
Souza BOL, Dos Santos RA, de Jesus KEM, Lima JBD, Lima AM, Silva BRBC, Costa FF, de Queiroz LC, Menezes CA, Santana SS, Damasceno KA, de Siqueira IC, de Souza Gonçalves M, Zanette DL, Pitanga TN, Oliveira RR.
PLoS Negl Trop Dis. 2026 Jan 20;20(1):e0013923. doi: 10.1371/journal.pntd.0013923. Online ahead of print.
PMID: 41557748
6. [Curation of the *Fasciola hepatica* kinome as a resource for drug target discovery.](#)
Ajmera S, Puckelwaldt O, Stroehlein AJ, Haeberlein S.
BMC Genomics. 2026 Jan 16. doi: 10.1186/s12864-025-12513-w. Online ahead of print.

PMID: 41545833

7. [Tissue-specific and sex-biased glycoproteomic landscape of *Schistosoma mansoni*.](#)

Chen X, You Y, Liu W, Li S, Yi C, Gu M, Cheng W, Chen G, Wang Y, Tang E, Wei L, Lu H, Hu W, Wang J.

Nat Commun. 2026 Jan 16. doi: 10.1038/s41467-026-68400-9. Online ahead of print.

PMID: 41545360

8. [Imported female genital schistosomiasis: a neglected health issue across borders.](#)

Wall KM, Vwalika B, Secor WE, Vázquez EG.

J Glob Health. 2026 Jan 16;16:03002. doi: 10.7189/jogh.16.03002.

PMID: 41543522 **Free PMC article.** Review.

9. [High Prevalence of Schistosomiasis Among Resettled Rohingya Refugees.](#)

Chagnon N, Henderson A, Rashid M, Isaac B 1st.

J Travel Med. 2026 Jan 16:taag004. doi: 10.1093/jtm/taag004. Online ahead of print.

PMID: 41543125

10. [Advancing schistosomiasis monitoring through optimised environmental DNA detection.](#)

Wambui CW, Viaene M, Mwangi HN, André B, Oguttu DW, Tolo CU, Hellemans B, Huyse T, Gante HF.

Food Waterborne Parasitol. 2025 Dec 20;42:e00313. doi: 10.1016/j.fawpar.2025.e00313. eCollection 2026 Mar.

PMID: 41541812 **Free PMC article.**

11. [Public health challenge of hybridization in urogenital schistosomiasis: New insights and one health perspectives from Malawi.](#)

Musaya J, Kayuni SA, Kapira D, Archer J, Makaula P, Mainga B, Chammudzi P, Namacha G, Lally D, Risse M, Jones S, Cunningham L, Juhasz A, Stothard RJ.

Philos Trans R Soc Lond B Biol Sci. 2026 Jan 8;381(1941):20240518. doi: 10.1098/rstb.2024.0518.

PMID: 41538084 Review.

12. [Dynamic interactions between *Schistosoma haematobium*, *Schistosoma mattheei* and *Schistosoma mansoni* underscore the complex polyparasitism of intestinal schistosomiasis in southern Malawi.](#)

O'Ferrall AM, Cunningham LJ, Lally D, Makaula P, Namacha G, Juhász A, Jones S, Cowlshaw R, Rollason S, Chammudzi P, Kapira DR, Kayuni SA, LaCourse EJ, Roberts AP, Musaya J, Stothard JR.

Philos Trans R Soc Lond B Biol Sci. 2026 Jan 8;381(1941):20250191. doi: 10.1098/rstb.2025.0191.

PMID: 41538083

13. [Clinical morbidity of single or mixed schistosome species infection in two communities of southern Malawi.](#)
Kayuni SA, Kinley L, Mainga B, Kumwenda D, Cunningham L, Lally D, Chammudzi P, Kapira D, Namacha G, Chisale A, Nchembe T, Chibwana E, Nkhalemba B, Chapweteka G, Chibowa H, Kumfunda V, Juhasz A, Jones S, Cowlshaw R, Archer J, O'Ferrall AM, Rollason S, Nguluwe A, Chiphwanya J, Luhanga M, Kafanikhale H, Makaula P, LaCourse EJ, Stothard JR, Musaya J. *Philos Trans R Soc Lond B Biol Sci.* 2026 Jan 8;381(1941):20240524. doi: 10.1098/rstb.2024.0524.
PMID: 41538082
14. [One Health insights into local transmission of zoonotic *Schistosoma mattheei* in southern Malawi.](#)
Juhász A, Makaula P, Cunningham LJ, Nkolokosa C, Archer J, Jones S, Namacha G, Chammudzi P, Mainga B, Lally D, Kayuni SA, LaCourse EJ, O'Ferrall AM, Musaya J, Stothard JR. *Philos Trans R Soc Lond B Biol Sci.* 2026 Jan 8;381(1941):20240519. doi: 10.1098/rstb.2024.0519.
PMID: 41538080
15. [Multidisciplinary challenges by 'pure' and hybrid *Schistosoma* species introduced into southwestern Europe.](#)
De Elías-Escribano A, Artigas P, Salas-Coronas J, Luzon-Garcia MP, Soriano-Pérez MJ, Castillo-Fernández N, Fantozzi MC, Martínez-Ortí A, Boissier J, Mas-Coma S, Valero MA, Bargues MD. *Philos Trans R Soc Lond B Biol Sci.* 2026 Jan 8;381(1941):20250087. doi: 10.1098/rstb.2025.0087.
PMID: 41538079
16. [Finding hybrid schistosomes in genital schistosomiasis: are we missing their clinical relevance?](#)
Rafferty H, Bustinduy A. *Philos Trans R Soc Lond B Biol Sci.* 2026 Jan 8;381(1941):20250086. doi: 10.1098/rstb.2025.0086.
PMID: 41538078 Review.
17. [Transcriptomic plasticity in hybrid schistosomes can contribute to their zoonotic potential.](#)
Luviano Aparicio N, Mathieu-Bégné E, Kincaid-Smith J, Rey O, Picard M, Chaparro C, Allienne JF, Rognon A, Polack B, Vallée I, Thomas M, Boissier J, Toulza E. *Philos Trans R Soc Lond B Biol Sci.* 2026 Jan 8;381(1941):20240534. doi: 10.1098/rstb.2024.0534.
PMID: 41538077

18. [Not all 'hybrids' matter: towards a nuanced understanding of Schistosoma species hybridization.](#)
Webster B, Huyse T.
Philos Trans R Soc Lond B Biol Sci. 2026 Jan 8;381(1941):20240526. doi: 10.1098/rstb.2024.0526.
PMID: 41538075 Review.
19. [An automated end-to-end system for schistosome viability assessment to accelerate anti-schistosomal drug discovery.](#)
Liu P, Cheng W, Wang Y, Liu B, Zhu X, Chen G, Wang J, Wu B.
PLoS Negl Trop Dis. 2026 Jan 9;20(1):e0013865. doi: 10.1371/journal.pntd.0013865. eCollection 2026 Jan.
PMID: 41511980 **Free PMC article.**
20. [Investigating genetic profiles of cases of Schistosoma spp. imported into Europe: a cohort from the European Society of Clinical Microbiology and Infectious Diseases Study Group for Clinical Parasitology.](#)
Pomari E, Webster BL, Locatelli E, Álvarez-Martínez MJ, Arsuaga M, Bottieau E, Bouchaud O, Camprubi-Ferrer D, Concu M, de Miguel Buckley R, Koelewijn R, Marangoni D, Marteau A, Nickel B, Rothe C, Salvador F, Schunk M, Goterris L, Van Esbroeck M, van Hellemond JJ, Wammes LJ, Zammarchi L, Pettene S, Rizzi E, Scarso S, Gobbi FG, Tamarozzi F.
Parasit Vectors. 2025 Dec 15;19(1):37. doi: 10.1186/s13071-025-07164-5.
PMID: 41398281 **Free PMC article.**
21. [Ecotoxicological risk and environmental assessment of mebendazole: A comprehensive study using freshwater snails as non-target species.](#)
Li D, Wu J, Hu Y, Zhu Z, Liao Y, Liu Y, Huang Y, Peng P, Gao D, Wu Z, Bai C, Sun X, Lin D.
J Hazard Mater. 2026 Jan 1;501:140652. doi: 10.1016/j.jhazmat.2025.140652. Epub 2025 Nov 29.
PMID: 41330288
22. [Rare non-neoplastic gastrointestinal diseases-drugs and bugs.](#)
Angerer L, Zauner T, Langer R.
Pathologie (Heidelb). 2026 Jan;47(Suppl 1):51-58. doi: 10.1007/s00292-025-01501-2. Epub 2025 Nov 24.
PMID: 41284018 **Free PMC article.** Review.

ONCHOCERCOSE

MORSURE DE SERPENT

1. [Emergency response and clinical treatment analysis of a mass wasp sting incident involving 38 tourists: A case report.](#)
Huang Y, Ruan K, Huang W, Fang D, Li K, Ruan H.
Medicine (Baltimore). 2026 Jan 16;105(3):e47126. doi: 10.1097/MD.00000000000047126.
PMID: 41562519 **Free PMC article.**
2. [Examining the Role of Treatment-seeking Behavior in Snakebite Mortality: A Narrative Review.](#)
Sharma A, Sharma H.
Indian J Community Med. 2025 Dec;50(Suppl 3):S314-S318. doi: 10.4103/ijcm.ijcm_489_24. Epub 2025 May 30.
PMID: 41561720 **Free PMC article.** Review.
3. [Retrospective Comparison of Empiric Antivenom vs. Expectant Treatment for Eastern Coral Snakebites.](#)
Simmons R, Ubani C, Garvan G, Stott M, Sollee D, Schauben J, Derr A, Cowdery C, Rothstein LS, Gartner H, Federico A, Sheikh S.
West J Emerg Med. 2025 Dec 20;27(1):167-176. doi: 10.5811/westjem.45709.
PMID: 41554154 **Free PMC article.**
4. [Selectivity screening of cytotoxicity evoked by viper venoms and their toxins after nanofractionation.](#)
Xu H, Bittenbinder MA, Slagboom J, Casewell NR, Jennings P, Kool J.
Toxicon. 2026 Jan 14;273:108969. doi: 10.1016/j.toxicon.2025.108969. Online ahead of print.
PMID: 41544717
5. [Assessing territorial disparities in snakebite surveillance data in Brazil: Implications for public health.](#)
Silva-Neto AV, Mouta GDS, Nascimento TP, Balieiro AADS, Mota Cordeiro JS, Valente J, Sachett A, Balieiro PCDS, Baia-da-Silva DC, Almeida-Val F, Monteiro WM, Sampaio VS.
PLoS Negl Trop Dis. 2026 Jan 16;20(1):e0013873. doi: 10.1371/journal.pntd.0013873. eCollection 2026 Jan.
PMID: 41544010 **Free PMC article.**
6. [Awareness of Emergency Medical Care Among School Teachers in Rabigh City.](#)
Alharbi HAA, Almutairi MM, Alharbi FS, Al Harbi AM, Almuthaybiri MM, Alharbi BA, Almoteri KH, Alharbi SA, Almotari SA, Alharbi AM, Almuthaybiri SM.
Cureus. 2025 Dec 15;17(12):e99260. doi: 10.7759/cureus.99260. eCollection 2025 Dec.
PMID: 41542012 **Free PMC article.**

7. [A Case of Suspected Pit Viper Bite in Rural Nepal: Lessons for Snakebite Care.](#)
Horton SD, Szarzanowicz KA, Bhatta N.
Cureus. 2025 Dec 15;17(12):e99292. doi: 10.7759/cureus.99292. eCollection 2025 Dec.
PMID: 41541941 **Free PMC article.**
8. [Comparison of the Doses Needed to Achieve Initial Control for F\(ab'\)₂ vs. Fab Antivenom in North American Pit Viper Envenomation: A Retrospective, Pre-Post Study.](#)
Volland K, Welch C, Cook R, Andrews J.
J Emerg Med. 2026 Jan;80:74-80. doi: 10.1016/j.jemermed.2025.10.019. Epub 2025 Oct 24.
PMID: 41270323
9. [Core outcome set for intervention research on snakebite envenomation in South Asia.](#)
Bhaumik S, Beri D, Santra V, Gopalakrishnan M, Faiz MA, Williamson PR, Clarke M, Sharma SK, Jagnoor J.
Inj Prev. 2026 Jan 20;32(1):112-120. doi: 10.1136/ip-2023-045155.
PMID: 39266207

TREMATODES ALIMENTAIRES

1. [Effectiveness of a Community-Based Social Innovation for Opisthorchis viverrini and Cholangiocarcinoma Prevention in High-Risk Areas of Thailand.](#)
Thongchai C, Joomjee R, Srithongtham O, Sansiritawisuk G, Songserm N.
Asian Pac J Cancer Prev. 2026 Jan 1;27(1):353-360. doi: 10.31557/APJCP.2026.27.1.353.
PMID: 41569204
2. [A Proteomics and Metabolomics-based Approach to Biomarkers Identification for the Early Diagnosis of Cholangiocarcinoma in a Hamster Model: A Preliminary Study.](#)
Boonprasert K, Chaijaroenkul W, Tarasuk M, Plengsuriyakarn T, Na-Bangchang K.
Asian Pac J Cancer Prev. 2026 Jan 1;27(1):61-70. doi: 10.31557/APJCP.2026.27.1.61.
PMID: 41569172
3. [Secretory leukocyte protease inhibitor \(SLPI\) promotes cholangiocarcinoma progression via inflammation-associated and vasculogenic mechanisms.](#)
Chueajedton K, Chueaiphuk C, Inpad J, Kumphune S, Kaewkong W, Surangkul D, Sawanyawisuth K, Cha'on U, Phimsen S.
PLoS One. 2026 Jan 20;21(1):e0340763. doi: 10.1371/journal.pone.0340763. eCollection 2026.
PMID: 41557653 **Free PMC article.**

4. [Concurrent evaluation of oxidative stress biomarkers, cytokine expression, molecular identification, and histopathological findings in sheep naturally infected with *Fasciola hepatica*.](#)
Mahdy OA, Salem MA, Kamel MS, El-Saied MA, Al-Mokaddem AK, Ashour R, Ramadan RM.
Vet Parasitol. 2026 Jan 12;343:110701. doi: 10.1016/j.vetpar.2026.110701.
Online ahead of print.
PMID: 41547088
5. [Curation of the *Fasciola hepatica* kinome as a resource for drug target discovery.](#)
Ajmera S, Puckelwaldt O, Stroehlein AJ, Haerberlein S.
BMC Genomics. 2026 Jan 16. doi: 10.1186/s12864-025-12513-w. Online ahead of print.
PMID: 41545833
6. [Seroprevalence and associated risk factors of human fascioliasis in Yen Bai and Thanh Hoa provinces, Vietnam.](#)
Nguyen TTB, Dahma H, Dermauw V, Bui DT, Losson B, Dorny P, Do DT, Vandenberg O.
Parasitol Int. 2026 Jun;112:103219. doi: 10.1016/j.parint.2025.103219. Epub 2025 Dec 2.
PMID: 41344564

GALE

1. [BldDss Modulates the Functional Role of *Streptomyces scabies* through Directly Regulating the Biosynthesis of Phytotoxin Thaxtomin and Phytohormone Indole-3-Acetic Acid.](#)
He H, Dong S, Zou Y, Dai F, Zhou W, Liu H, Liu Y, Yang E, Li J, Wang W, Liu J.
J Agric Food Chem. 2026 Jan 22. doi: 10.1021/acs.jafc.5c09058. Online ahead of print.
PMID: 41570245
2. [Field efficacy assessment of a combination of afoxolaner, moxidectin and pyrantel pamoate to treat dogs naturally infested with *Sarcoptes scabiei*.](#)
Antoine L, Papadopoulos E, Sioutas G, Tan DY, Madder M, Tielemans E.
Parasite. 2026;33:2. doi: 10.1051/parasite/2026001. Epub 2026 Jan 22.
PMID: 41568903 Clinical Trial. English.
3. [A Rare Case of Herpes Zoster with C7 Involvement Mimicking Dermatitis: An Elusive Diagnosis.](#)
Nizam MA, Iqbal A, Chaudry S, Ayyazuddin M, Farooq U.
Discoveries (Craiova). 2025 Dec 31;13(4):e221. doi: 10.15190/d.2025.20.
eCollection 2025 Oct-Dec.
PMID: 41555934 **Free PMC article.**

4. [A case report of medical laboratory confirmation of suspected scabies outbreak at Daara Madina Suwaneh, a quranic school located in Brufut Heights, The Gambia, 2025.](#)
Sanyang AM, Colley M, Sanneh L, Baldeh M, Jadama K, Kebbeh A, Mendy A, Fatajo SM, Jagne S, Jallow AW, Nyassi M, Sanneh B.
BMC Infect Dis. 2026 Jan 16. doi: 10.1186/s12879-026-12566-6. Online ahead of print.
PMID: 41545943 No abstract available.
5. [Disease dynamics and severity control of an established environmentally transmitted parasite.](#)
Carver S, Naesborg-Nielsen C, Pulscher LA, Mounsey K.
Biol Lett. 2025 Dec 17;21(12):20250550. doi: 10.1098/rsbl.2025.0550.
PMID: 41537813
6. [Diagnosis of scabies and socio-economic status in Ferrara, Italy: is there an association?](#)
Borghi A, Ferretti S, Marzola E, Posenato S, Corazza M.
Ital J Dermatol Venerol. 2025 Dec;160(6):477-481. doi: 10.23736/S2784-8671.25.08181-2. Epub 2025 Jul 22.
PMID: 40693944

RAGE

1. [Legal framework reform imperatives for rabies elimination in Bangladesh.](#)
Rahman M, Khan AKMD.
J Virus Erad. 2026 Jan 8;12(1):100621. doi: 10.1016/j.jve.2026.100621.
eCollection 2026 Mar.
PMID: 41574385 **Free PMC article.** No abstract available.
2. [Transsynaptic tracing techniques to interrogate neuronal connectivity of glioblastomas.](#)
Sun Y, Wang X, Zhang Z, Ming GL, Song H.
Nat Protoc. 2026 Jan 21. doi: 10.1038/s41596-025-01287-w. Online ahead of print.
PMID: 41566037 Review.
3. [Comparative effectiveness and cost-effectiveness of policies for provisioning rabies post-exposure vaccines.](#)
Changalucha J, Ferguson E, Luka MM, Lushasi K, Rees E, Anderson D, Hoffu H, Gwakisa S, Mtema Z, Sambo M, Sharadhuri K, Sikana L, Lupindu A, Yoder J, Lankester F, Hampson K.
Vaccine. 2026 Jan 20;74:128178. doi: 10.1016/j.vaccine.2025.128178. Online ahead of print.
PMID: 41564610

4. [Integrated molecular and metatranscriptomic evidence of Tacaribe virus and the brain virome profile of *Molossus molossus* bat sampled in Brazil.](#)
de Sousa LLF, Sanz Duro RL, de Oliveira Vaz R, de Athayde CL, Martins JO, de Lima Slobosk BSS, Guilardi MD, Cabral-Miranda G, de Oliveira-Filho EF, Drexler JF, Ramos Janini LM, Durães-Carvalho R.
Microbiol Spectr. 2026 Jan 21:e0196025. doi: 10.1128/spectrum.01960-25.
Online ahead of print.
PMID: 41563065
5. [Animal rabies prevention and control in Shanghai, China: policies and practices, 2011-2025.](#)
Zhu T, Chang X, Wu X, Xia L, Zhu X, Zhu J, Li Z, Chen W, Fan Y, Tang Y, Liu J, Zhao H.
Front Public Health. 2026 Jan 5;13:1729143. doi: 10.3389/fpubh.2025.1729143. eCollection 2025.
PMID: 41561872 **Free PMC article.**
6. [A Prospective Study of the Epidemiological Profile of Dog Bite Cases and Determinants of Anti-Rabies Vaccination Compliance at a Rural Health Training Center from a Medical College in Gujarat.](#)
Sharma R, Prajapati S, Bakshi H, Patel B, Pirzada A, Bapat N.
Indian J Community Med. 2025 Dec;50(Suppl 3):S375-S381. doi: 10.4103/ijcm.ijcm_708_24. Epub 2025 Nov 13.
PMID: 41561727 **Free PMC article.**
7. [Diagnosis of Paralytic Rabies by Metagenomics Next-Generation Sequencing: A Case Report and Review of the Literature.](#)
Cao L, Wang X, Zhou Y, Qiu J, Zeng Q, Zhang C, Pan L.
Vet Med Sci. 2026 Jan;12(1):e70748. doi: 10.1002/vms3.70748.
PMID: 41556741 **Free PMC article.** Review.
8. [Immunogenicity and Efficacy of a Rabies-Based Vaccine against Highly Pathogenic Influenza H5N1 Virus.](#)
Paran N, Wirblich C, Albrecht R, Zabihi-Diba L, Tarquinio A, Kurup D, Solomides CC, García-Sastre A, Schnell MJ.
Emerg Microbes Infect. 2026 Jan 19:2620221. doi: 10.1080/22221751.2026.2620221. Online ahead of print.
PMID: 41555519
9. [MAJOR LIVESTOCK-ASSOCIATED ZONOSSES IN MONGOLIA: AN OVERVIEW.](#)
Tsogtbayar O, Munkhbayarlakh B, Dorjsurenkhor N, Gray GC.
Zoonoses. 2025;5(1):23. doi: 10.15212/zoonoses-2025-0007. Epub 2025 Jul 1.
PMID: 41551725 **Free PMC article.**
10. ['This noble method in physic': Peter Shaw's proposal for a controlled trial of an 'antidote' for rabies \(1723\).](#)

- Cooper M, Cooper S.
J Med Biogr. 2026 Jan 18:9677720251413138. doi:
10.1177/09677720251413138. Online ahead of print.
PMID: 41549463
11. [Nucleolar targeting of lyssavirus P-protein is isoform- and phylogroup-specific.](#)
Moseley GW, Zhang Y, David CT, Rawlinson SM.
J Gen Virol. 2026 Jan;107(1):002214. doi: 10.1099/jgv.0.002214.
PMID: 41543529 **Free PMC article.**
 12. [Exploring the dynamics of rabies epidemic model using Caputo-Fabrizio derivative under treatment and vaccination.](#)
Naik PA, Murthy BSN, Srinivas MN, Chada L, Raju MN, Saradhi DV.
Comput Methods Biomech Biomed Engin. 2026 Jan 16:1-19. doi:
10.1080/10255842.2026.2613116. Online ahead of print.
PMID: 41543371
 13. [Retrograde transduction of dopaminergic cells in substantia nigra of rhesus monkey.](#)
Plotnikova AS, Lerchner W, Cummins AC, Chen G, Salhani L, Costa VD,
Averbeck BB, Richmond BJ, Khaliq ZM, Eldridge MAG.
bioRxiv [Preprint]. 2026 Jan 8:2026.01.07.697726. doi:
10.64898/2026.01.07.697726.
PMID: 41542435 **Free PMC article.** Preprint.
 14. [Socioeconomic disparities and dog rabies: a retrospective analysis of high-spatial-resolution surveillance data from a Latin American city.](#)
Xie S, Shinnick J, Diaz EW, Zegarra E, Monroy Y, Recuenco SE, Castillo-Neyra R.
Lancet Reg Health Am. 2025 Oct 31;52:101285. doi:
10.1016/j.lana.2025.101285. eCollection 2025 Dec.
PMID: 41541761 **Free PMC article.**
 15. [SARS-CoV-2 occurrence in cervids in the United States and US territories.](#)
Bevins SN, Chipman RB, Beckerman SF, Bergman DL, Collins DT, Deliberto TJ,
Eckery JP, Ellis JW, Gosser AL, Heale JD, Klemm JM, Cluett H, Ward K, Lantz K,
Linder TJ, Oswald M, Pleszewski R, Quintanal CA, Ringenberg JM, Streich SP,
Weir KR, Phillips AT, Bisha B, Torchetti MK, Lenocho JB, Chandler JC, Shriner SA.
Sci Rep. 2026 Jan 15. doi: 10.1038/s41598-026-35967-8. Online ahead of
print.
PMID: 41540227

NOMA

DENGUE ZIKA CHIKUNGUNYA

1. [Sociodemographic determinants of willingness to adopt surveillance technology and mosquito control training for dengue in Malaysia.](#)
Mahfodz Z, Dapari R, Salleh SA, Camalxaman SN, Aljaafre AF, Dom NC.
Sci Rep. 2026 Jan 22. doi: 10.1038/s41598-025-23242-1. Online ahead of print.
PMID: 41571683
2. [Repurposing of FDA-Approved Drugs to Identify Potential NS2B/NS3 Protease Inhibitors against Dengue Virus: In Silico and In Vitro Evaluation.](#)
Adiba A, Uzma A, Babar MM, Khalid MA, Navid MT, Ali L, Amraiz D.
Acta Trop. 2026 Jan 20:107987. doi: 10.1016/j.actatropica.2026.107987.
Online ahead of print.
PMID: 41571221
3. [Discovery of BPR2-D2 compound in inhibiting Chikungunya viral RNA synthesis by replicon systems.](#)
Hsu YJ, Phan TT, Lin HC, Chiao DJ, Kuo SC, Lin SJ, Kuo RL.
Biomed J. 2026 Jan 20:100949. doi: 10.1016/j.bj.2026.100949. Online ahead of print.
PMID: 41571103
4. [Type I IFN autoantibodies underlie chikungunya live-attenuated vaccine encephalitis.](#)
Gervais A, Bastard P, Zhang Q, Jaffar-Bandjee MC, Bizien L, Dahmane L, Moiton MP, Jabot J, Cally R, Maillard A, Frumence E, de Lamballerie X, Yazdanpanah Y, Rosain J, Cobat A, Abel L, Puel A, Ferdynus C, Mosnier É, Gérardin P, Zhang SY, Casanova JL.
Proc Natl Acad Sci U S A. 2026 Jan 27;123(4):e2532212123. doi: 10.1073/pnas.2532212123. Epub 2026 Jan 22.
PMID: 41570068
5. [A Fully-Integrated Bayesian Approach for the Imputation and Analysis of Derived Outcome Variables With Missingness.](#)
Campbell H, Morris TP, Gustafson P.
Stat Med. 2026 Jan;45(1-2):e70383. doi: 10.1002/sim.70383.
PMID: 41569594 **Free PMC article.**
6. [Development of a PCB-based electrochemical aptasensor for Chikungunya virus protein detection.](#)
Sajikumar S, Sureshkumar N, Sai VVR, Jyoti V, Sunil S, Srinivasan R.
Analyst. 2026 Jan 22. doi: 10.1039/d5an01261a. Online ahead of print.
PMID: 41568984
7. [Spontaneous splenic rupture as a complication of dengue fever.](#)
Al Zouabi SS, Amer MS, Ahmad AS, Abdullah M.

- J Vector Borne Dis. 2025 Jan 1;62(1):122-124. doi: 10.4103/JVBD_JVBD_140_24. Epub 2024 Nov 13. PMID: 41568746
8. [Adapting Italian Healthcare to migration and cultural diversity: educational lessons from an exploratory survey at the University of Udine.](#)
Lucis R, Presot NV, Nuovo C, Pipan C, Marino A.
Recenti Prog Med. 2026 Jan;117(1):50-55. doi: 10.1701/4631.46404. PMID: 41568635
 9. [Distinguishing Leptospirosis from Other Causes of Acute Encephalitis Syndrome: Clinical Insights.](#)
Yadav KL, Choudhury KA, Siddiqui H, Verma SK.
Ann Afr Med. 2026 Jan 21. doi: 10.4103/aam.aam_422_25. Online ahead of print. PMID: 41568594 English, French.
 10. [Hyperferritinemia Drives Risk: Unravelling the Association Between Ferritin Levels and Multi-Organ Dysfunction in Acute Febrile Illness: An Emergency Medicine Perspective.](#)
Singla N, Sharma N, Sharma N, Bhatia M, Sharma N.
Cureus. 2025 Dec 20;17(12):e99737. doi: 10.7759/cureus.99737. eCollection 2025 Dec. PMID: 41567885 **Free PMC article.**
 11. [Predicting the ecological niches of *Aedes aegypti* s.l. using maximum entropy in Kenya.](#)
Muchiri SK, Musau MM, Mwaniki P, Kirimi F, Agutu NO, Okiro EA, Dellicour S, Snow RW.
Front Trop Dis. 2025 Oct 6;6:fitd.2025.1641807. doi: 10.3389/fitd.2025.1641807. PMID: 41567818 **Free PMC article.**
 12. [Urinary Neutrophil Mediators as Predictive Biomarkers for Severe Dengue in Adults.](#)
Teo A, Chia PY, Ho S, Yeo TW.
Open Forum Infect Dis. 2026 Jan 9;13(1):ofaf813. doi: 10.1093/ofid/ofaf813. eCollection 2026 Jan. PMID: 41567264 **Free PMC article.**
 13. [Critical reflections on post-pandemic dengue surveillance in Quezon city, Philippines.](#)
Rafique SM, Rana RUR, Asghar I, Liaquat T.
Trop Med Health. 2026 Jan 21;54(1):17. doi: 10.1186/s41182-025-00849-8. PMID: 41566559 **Free PMC article.**

14. [Response to the commentary on "Pre- and post-COVID-19 pandemic identification of dengue hotspots and exploration of determinants in Quezon City, Philippines".](#)
Medina JRC, Kawamura S, Takeuchi R, Cruz RV, Mendoza J, Hernandez PMR, Garcia FB Jr, Gregorio ER Jr, Kobayashi J.
Trop Med Health. 2026 Jan 21;54(1):18. doi: 10.1186/s41182-025-00858-7. PMID: 41566541 No abstract available.
15. [Evaluating the diagnostic accuracy of clinical judgement and rapid tests for leptospirosis in the Philippines: implications for public health management.](#)
Clemente B, Ghoraishizadeh P, Saimuang K, Limsampan S, Suwannin P, Manahan E, Jangpatarapongsa K.
Infect Dis Poverty. 2026 Jan 22;15(1):14. doi: 10.1186/s40249-026-01413-0. PMID: 41566385 **Free PMC article.**
16. [Multi-omics analysis of arboviral capsids targets in mosquitoes reveals a pro-viral function of the chromatin-remodeling Brahma complex.](#)
Flory C, Viridi S, Schie M, Pfister S, Conze C, Thünauer R, Joseph LE, Nagar N, Wilken L, Blümke P, Scaturro P.
Mol Cell Proteomics. 2026 Jan 19:101512. doi: 10.1016/j.mcpro.2026.101512. Online ahead of print. PMID: 41565204
17. [Vaccination against chikungunya - a systematic review on the immunogenicity, tolerability, and safety of the live-attenuated vaccine \(LAV\) Ixchiq and the virus like particle \(VLP\) vaccine Vimkunya.](#)
Kling K, Falman A, Branke L, Ramharter M, Rothe C, Schönfeld C, Grünewald T.
Vaccine. 2026 Jan 20;75:128251. doi: 10.1016/j.vaccine.2026.128251. Online ahead of print. PMID: 41564838 Review.
18. [Adjuvant-free biopolymer particles mimicking the Chikungunya virus surface induce protective immunity.](#)
Sivakumaran N, Freitas J, Chen S, Lam AK, Adams LJ, Diamond MS, Mahalingam S, Rehm BHA.
Biomaterials. 2026 Jan 14;330:124000. doi: 10.1016/j.biomaterials.2026.124000. Online ahead of print. PMID: 41564590
19. [From pandemic influenza to novel coronaviruses: emerging infectious diseases of the 21st century.](#)
Asokan S, Damilare II, Kumar S, Pandey RK, Verma G, Banerjee N, Radhamanalan G, Vijayan S, Jacob T, Rajeswary D.
Diagn Microbiol Infect Dis. 2026 Jan 15;114(4):117277. doi: 10.1016/j.diagmicrobio.2026.117277. Online ahead of print.

- PMID: 41564537 Review.
20. [Measuring real-time disease transmissibility with temperature-dependent generation intervals.](#)
Choo ELW, Parag KV, Chow JY, Lim JT.
PLoS Comput Biol. 2026 Jan 21;22(1):e1013820. doi: 10.1371/journal.pcbi.1013820. Online ahead of print.
PMID: 41564090
 21. [Sensorial function in children with congenital Zika syndrome: what is the relationship with motor function?](#)
Brito ASS, Meira CAC, Moreira KMA, Santino TA, Tavares JS, Gama GL, Melo A.
Rev Paul Pediatr. 2026 Jan 19;44:e2025112. doi: 10.1590/1984-0462/2026/44/2025112. eCollection 2026.
PMID: 41563297
 22. [Forecasting and Early Warning Systems for Dengue Outbreaks: Updated Narrative Review.](#)
Costa JMFD, Costa AC, Silveira CDS, Gonçalves STN, Marcos Junior AD, Cavalcanti LPG.
Rev Soc Bras Med Trop. 2026 Jan 16;59:e04292025. doi: 10.1590/0037-8682-0429-2025. eCollection 2026.
PMID: 41563269 Review.
 23. [Infections After International Travel: Relevant Diagnoses in Children and Adolescents.](#)
Kotsias-Konopelska S, Thielecke M.
Dtsch Arztebl Int. 2026 Feb 6;(Forthcoming):arztebl.m2025.0201. doi: 10.3238/arztebl.m2025.0201. Online ahead of print.
PMID: 41562595 Review.
 24. [Etiology of Severe Microcephaly in Infants: A Multinational Surveillance Study.](#)
Farrar DS, Knowles RL, Nunez C, Baynam G, Bitnun A, Duncanson M, Lynn RM, Moore Hepburn C, Morris A, Oeser C, Pebody R, Solebo AL, Elliott EJ, Morris SK.
Pediatrics. 2026 Jan 21:e2025072700. doi: 10.1542/peds.2025-072700. Online ahead of print.
PMID: 41562555
 25. [The two-step purification method ViREn identifies a single NSUN6-mediated 5-methylcytosine modification promoting dengue virus RNA genome turnover.](#)
Wu CC, Naarmann-de Vries IS, Hartmann J, Nidoieva Z, Kopietz K, Marchand V, Özrendeci Z, Lindner D, Schelchshorn S, Flad S, Frye M, Papavasiliou FN,

- Schirmeister T, Stoecklin G, Schott J, Motorin Y, Tuorto F, Dieterich C, Helm M, Ruggieri A.
Nucleic Acids Res. 2026 Jan 14;54(2):gkag003. doi: 10.1093/nar/gkag003.
PMID: 41562255
26. [From infestation to infection: a systematic review of arthropod-mediated microbial transmission in hospitals.](#)
Stroeever S, Patel R, Meeks B, Schouten N, Stuart D, Hanrahan J, Rumbaugh K, Diggle SP.
Antimicrob Steward Healthc Epidemiol. 2026 Jan 12;6(1):e16. doi: 10.1017/ash.2025.10266. eCollection 2026.
PMID: 41562025 **Free PMC article.** Review.
27. [Neurological Complications Associated With COVID-19 Compared to Other Viral Infections: A Systematic Review of Current Evidence.](#)
Bakare IS, Olaiya VO, Badero OJ, Okirie CF.
Cureus. 2026 Jan 18;18(1):e101817. doi: 10.7759/cureus.101817. eCollection 2026 Jan.
PMID: 41561654 **Free PMC article.** Review.
28. [Dengue therapeutics consortium 2025: a global collaboration in action.](#)
McBride A, Chanh HQ, Trieu HT, Tran HB, Anderson KB, Aogo RA, Avirutnan P, Tran LHB, Chan XH, Chandra R, Chang A, Chia PY, Daniel V, Demidova A, Consuegra Rodriguez MP, Figueiredo-Mello C, Garcia-Gallo E, Garrood W, Tam DTH, Jaenisch T, Kain M, Katzelnick L, Lam PK, Leopold SJ, Lim C, M Siqueira A, Malavige GN, Malik S, Merson L, Meyer-Andrieux I, Moorman N, Neal A, Nguyen NM, Ong HC, Pett S, Rojas-Garrido E, Schilling W, Shahrin L, Sjo P, Syed Omar SF, Teixeira M, Tirupakuzhi Vijayaraghavan BK, Villar L, Vuong NL, Waickman A, Wills B, Kestelyn E, Watson J, Munblit DB, Yacoub S.
BMJ Public Health. 2026 Jan 12;4(1):e004043. doi: 10.1136/bmjph-2025-004043. eCollection 2026.
PMID: 41561567 **Free PMC article.** Review.
29. [Prolonged Fever in Pediatric Dengue is Associated With Clinical Severity and Immune Dysregulation.](#)
Segura K, Silva JM, Niño AP, Rodriguez LS, Franco MA, Narváez CF, Perdomo-Celis F, Toro JF.
Pediatr Infect Dis J. 2026 Jan 21. doi: 10.1097/INF.0000000000005148.
Online ahead of print.
PMID: 41559858
30. [Workplace health and safety under climate stress in Sri Lankan apparel SMEs.](#)
Senadeera DJCH, Sayem ASM, Filho WL, Farhat G, Moda HM.
BMC Public Health. 2026 Jan 20. doi: 10.1186/s12889-026-26344-1. Online ahead of print.
PMID: 41559604

31. [Immature development time and survivorship of the dengue vectors *Aedes aegypti*, *Aedes vittatus*, and the invasive *Aedes albopictus* in Ghana.](#)
Akuamoah-Boateng Y, Machani MG, Boadu EN, Mensah SKE, Eyeson NAS, Abdulai A, Afrane YA.
Sci Rep. 2026 Jan 20. doi: 10.1038/s41598-026-36526-x. Online ahead of print.
PMID: 41559262
32. [In vitro synthesis of active recombinant orthoflavivirus nonstructural polyproteins in detergent micelles for biochemical analysis.](#)
Takahashi H, Uchiage Y, Emura Y, Yamagami R, Abe M, Yoshii K, Tajima S, Lim CK, Hori H, Vasudevan SG, Sawasaki T.
Npj Viruses. 2026 Jan 20;4(1):4. doi: 10.1038/s44298-026-00171-y.
PMID: 41559184 **Free PMC article.**
33. [Epidemiological and digital syndromic surveillance data on dengue, chikungunya, and SARI in Brazil.](#)
Borges ME, Codeço CT, Machado D, Almeida A.
Sci Data. 2026 Jan 20;13(1):68. doi: 10.1038/s41597-025-06155-6.
PMID: 41559086 **Free PMC article.**
34. [Bridging the knowledge gap: Thai parents' perspectives on dengue infection and its vaccination and the need for targeted promotion.](#)
Kamkhood D, Tunksakool J, Apiwattanakul N, Granger J.
PLoS Negl Trop Dis. 2026 Jan 20;20(1):e0013920. doi: 10.1371/journal.pntd.0013920. Online ahead of print.
PMID: 41557736
35. [Tracking the clinico-microbiological profile and molecular characterization of dengue cases during the monsoon-season in Belagavi, Karnataka.](#)
Patil R, Kavathekar A, Prabhu M, Patil M, Kejriwal A, Zaman K, Bhat J, Roy S.
PLoS Negl Trop Dis. 2026 Jan 20;20(1):e0013883. doi: 10.1371/journal.pntd.0013883. Online ahead of print.
PMID: 41557724
36. [Adverse dengue outcomes in patients with chronic kidney disease: A population-based analysis of 5.8 million individuals from Brazil.](#)
de Barros Almeida RAM, Kurozawa LL, de Almeida GB, Cavalcante RS, Domingues-da-Silva RO, Daher EF, Duarte DO, de Andrade LGM.
PLoS Negl Trop Dis. 2026 Jan 20;20(1):e0013927. doi: 10.1371/journal.pntd.0013927. Online ahead of print.
PMID: 41557722
37. [Dengue in children and adolescents with onco-hematological disease: a case series.](#)
Rodríguez MA, Leone MB, Muras M, Sznitowski MS, Lavergne M, Laurino E.

- Arch Argent Pediatr. 2026 Jan 22:e202510815. doi: 10.5546/aap.2025-10815.eng. Online ahead of print.
PMID: 41556639 English, Spanish.
38. [Longitudinal Monitoring of Systemic Cytokines After Mild Zika Virus Infection Revealed an Association Between Th17 Polarization and Clinical and Serological Outcomes.](#)
Marquine S, Mura M, de Laval F, Grard G, Badaut C, Briolant S, Trignol A.
J Med Virol. 2026 Jan;98(1):e70813. doi: 10.1002/jmv.70813.
PMID: 41556482 **Free PMC article.**
 39. [Development of an ELISA using recombinant Dengue NS1 constructs to measure antibody titers and predict dengue disease outcome in a pediatric population in India.](#)
Pathak B, Chakravarty A, Rani NV, Krishnan A.
J Virol Methods. 2026 Jan 17;342:115351. doi: 10.1016/j.jviromet.2026.115351. Online ahead of print.
PMID: 41554297
 40. [A Point-of-Care Platform for Simultaneous Triplex PCR Detection of Chikungunya, Dengue, and Zika Virus Infections.](#)
Huang YL, Chen HM, He HW, Lu ZH, Zhang XQ, Zheng YW, Lai JX, He CY, Luo XC, Li ZK.
J Vis Exp. 2025 Dec 30;(226). doi: 10.3791/69580.
PMID: 41554017
 41. [Ex vivo Culture of Human Placental Explants for the Study of Viral Transmission Across the Maternal-Fetal Interface.](#)
Martin H, Martin C, Guimbaud L, Duchanois D, Guerby P, Malnou CE.
J Vis Exp. 2025 Dec 30;(226). doi: 10.3791/69525.
PMID: 41553997
 42. [Lipid Metabolism in Insect Vectors of Diseases.](#)
Girotti JR, Calderón-Fernández GM.
Adv Exp Med Biol. 2026;1494:389-418. doi: 10.1007/978-3-032-04842-4_811.
PMID: 41553679 Review.
 43. [Insect Lipid Metabolism in the Presence of Symbiotic and Pathogenic Viruses and Bacteria.](#)
Visser B, Scheifler M.
Adv Exp Med Biol. 2026;1494:419-443. doi: 10.1007/978-3-032-04842-4_833.
PMID: 41553672 Review.
 44. [Development of a high-performance synthetic promoter for plant-based bioproduction.](#)
Kumari K, Sherpa T, Ghosh S, Chattopadhyay S, Dey N.

- Planta. 2026 Jan 19;263(2):56. doi: 10.1007/s00425-026-04925-z.
PMID: 41553553
45. [When Few Mosquitoes Are Enough: Dengue outbreaks in non-endemic areas.](#)
Pisaneschi G, Manfredi P, Landi A, Stollenwerk N, Aguiar M.
One Health. 2025 Dec 27;22:101308. doi: 10.1016/j.onehlt.2025.101308.
eCollection 2026 Jun.
PMID: 41552428 **Free PMC article.**
 46. [Necrotizing pneumonia and septic shock caused by *Burkholderia cepacia* in an immunocompetent adult.](#)
Hurtado-Alegre JL, Crispin-Ayala JM, Mananita-Terrones DR, Quispe-Pari JF.
IDCases. 2025 Dec 23;43:e02470. doi: 10.1016/j.idcr.2025.e02470.
eCollection 2026.
PMID: 41551365 **Free PMC article.**
 47. [Surge of Chikungunya Cases in Central India, Post-COVID-19 Pandemic.](#)
Sodani S, Taraphdar D, Hawaldar R.
Infect Dis Clin Microbiol. 2025 Dec 15;7(4):374-381. doi:
10.36519/idcm.2025.666. eCollection 2025 Dec.
PMID: 41551083 **Free PMC article.**
 48. [Potent and selective indole-based inhibitors targeting disease-transmitting mosquitoes.](#)
Rajeshwari R, Duvauchelle V, Lindgren C, Stangner K, Knutsson S, Forsgren N,
Ekström F, Kamau L, Linusson A.
RSC Med Chem. 2025 Nov 19. doi: 10.1039/d5md00797f. Online ahead of
print.
PMID: 41551022 **Free PMC article.**
 49. [Phenol and chromone compounds for *in silico* inhibition of nsP2 and nsP3 of Chikungunya virus.](#)
Oliveira Lima JP, Alexandre Roberto CH, Nunes da Rocha M, Moreira de
Oliveira V, Freire RM, Santos-Oliveira R, Marinho ES, de Lima Neto P, Almeida
Fechine PB.
Pharm Sci Adv. 2025 Jul 25;3:100084. doi: 10.1016/j.pscia.2025.100084.
eCollection 2025 Dec.
PMID: 41550637 **Free PMC article.**
 50. [Animal Models Illuminate Dengue Immunopathogenesis to Guide Vaccine and Therapeutic Developments.](#)
Shabbir MN, Linh DT.
J Virol Methods. 2026 Jan 16:115350. doi: 10.1016/j.jviromet.2026.115350.
Online ahead of print.
PMID: 41548813 **Review.**

51. [Multi-antigen DNA vaccine targeting non-structural proteins confers robust T Cell-mediated protection against Zika virus.](#)
Santos R, Mekonnen ZA, Yeow AEL, Whelan DM, Al-Delfi Z, Eyre NS, Beard MR, Barouch DH, O'Connor DH, Masavuli MG, Grubor-Bauk B.
NPJ Vaccines. 2026 Jan 17. doi: 10.1038/s41541-025-01356-x. Online ahead of print.
PMID: 41547954
52. [Innovative application of a traffic-prediction spatio-temporal graph convolutional network for dengue disease forecasting.](#)
Siabi N, Son R, Thomas M, Irrgang C, Saynisch-Wagner J.
Sci Rep. 2026 Jan 17;16(1):2594. doi: 10.1038/s41598-026-36225-7.
PMID: 41547895 **Free PMC article.**
53. [Health needs assessment for tropical vector-borne disease prevention among Chinese expatriate workers in Africa: a cross-sectional study.](#)
Hu W, Xu Z, He J, Wu H, Wang Y, Yang K, Huang Y.
BMC Public Health. 2026 Jan 17. doi: 10.1186/s12889-026-26213-x. Online ahead of print.
PMID: 41547748
54. [Temporal cytokine profiling of acute dengue, Zika, Chikungunya, and Mayaro virus infections in Northern Peru.](#)
Del Valle-Mendoza J, Watson H, Tarazona-Castro Y, Silva-Caso W, Aquino-Ortega R, Carrillo-Ng H, Bazan-Mayra J, Zavaleta-Gavidia V, Aguilar-Luis MA.
BMC Infect Dis. 2026 Jan 17. doi: 10.1186/s12879-026-12537-x. Online ahead of print.
PMID: 41547724 No abstract available.
55. [Genomic epidemiology of dengue virus 2 and 3 reveals repeated introductions and exportations of several lineages in Colombia.](#)
Rivero R, Tique-Salleg V, Echeverri-De la Hoz D, Damodaran L, Paternina D, Santos-Vega M, Torres-Hernández D, Davalos D, López-Medina E, Breban MI, Arrieta G, Miranda J, Hill V, Grubaugh ND, Mattar S.
Cell Rep. 2026 Jan 16;45(1):116844. doi: 10.1016/j.celrep.2025.116844.
Online ahead of print.
PMID: 41546866
56. [The economic burden of dengue: a systematic literature review of unit costs for non-fatal episodes treated in the formal healthcare system.](#)
Leelavanich D, Dorigatti I, Turner HC.
BMC Infect Dis. 2026 Jan 16. doi: 10.1186/s12879-025-12451-8. Online ahead of print.
PMID: 41545921 No abstract available.
57. [Evaluation of polyclonal antibodies raised in rabbits against dengue NS1 antigen.](#)

- Abraham PR, Devaraju P, L B, Prasad E, S VS, Dhotre A, Ramachandrappa NK, Venkata SM, Kumar A.
Sci Rep. 2026 Jan 16. doi: 10.1038/s41598-026-35952-1. Online ahead of print.
PMID: 41545441
58. [Chlorinated bis-4-hydroxycoumarins suppress flavivirus replication by inhibiting dengue virus type 2 translation and replication.](#)
Loeanurit N, Phan TH, Hengphasatporn K, Chanachanvong T, Toopradab B, Maitarad P, Chanchaem P, Sawaswong V, Payungporn S, Suwanchan A, Auwal AR, Wangkanont K, Rungrotmongkol T, Shigeta Y, Khotavivattana T, Chavasiri W, Boonyasuppayakorn S.
Sci Rep. 2026 Jan 16. doi: 10.1038/s41598-026-35654-8. Online ahead of print.
PMID: 41545435
59. [In silico design of a multi-epitope vaccine targeting DENV-1 and DENV-3.](#)
Ishwar D, Padavu S, Kumar M, Gollapalli P, Ballamoole KK, Kumar A, Rai P.
Sci Rep. 2026 Jan 16. doi: 10.1038/s41598-026-35678-0. Online ahead of print.
PMID: 41545417
60. [Biochemical Interface Engineering for Transistor-Based Point-of-Care Diagnostics.](#)
Kong D, Xu Z, Chen C, Liu Y, Wei D.
Acc Chem Res. 2026 Jan 16. doi: 10.1021/acs.accounts.5c00732. Online ahead of print.
PMID: 41542860
61. [Unravelling the epidemiological and dispersal dynamics of the 2024-2025 chikungunya virus outbreak on Réunion island.](#)
Frumence E, Klitting R, Serres K, Shao Y, Vincent M, Gill MS, Suchard MA, Lemey P, de Lamballerie X, Jaffar-Bandjee MC, Dellicour S.
medRxiv [Preprint]. 2026 Jan 11:2026.01.07.26343606. doi: 10.64898/2026.01.07.26343606.
PMID: 41542663 **Free PMC article.** Preprint.
62. [Molecular and biophysical requirements for B cell receptor dependent enhancement of dengue virus infection.](#)
Madrigal G, Gebo C, McElvany BD, Diehl SA, Waickman AT.
bioRxiv [Preprint]. 2026 Jan 5:2026.01.05.697627. doi: 10.64898/2026.01.05.697627.
PMID: 41542475 **Free PMC article.** Preprint.
63. [Influence of IgG+ serum on Zika virus infection response in a model of neural precursor cells.](#)

- Plentz I, Pazzino D, Previato T, Wagner F, Boff M, Fernandes L, Gonçalves JIB, Marinowic D, da Costa JC.
Biochem Biophys Rep. 2025 Sep 12;44:102260. doi:
10.1016/j.bbrep.2025.102260. eCollection 2025 Dec.
PMID: 41542179 **Free PMC article.**
64. [Advances and perspectives for animal models of chikungunya virus infection.](#)
Zou M, Zheng Z, Wang W, Liu H.
Biosaf Health. 2025 Sep 20;7(6):357-368. doi: 10.1016/j.bsheal.2025.09.008.
eCollection 2025 Dec.
PMID: 41541064 **Free PMC article.** Review.
65. [Chikungunya virus: Current situation and future challenges.](#)
Zhao T, Chen T, Zhang J, Li C, Qin C.
Biosaf Health. 2025 Oct 15;7(6):348-356. doi: 10.1016/j.bsheal.2025.10.001.
eCollection 2025 Dec.
PMID: 41541063 **Free PMC article.** Review.
66. [Dengue warning signs persisting post-48h demand monitoring to avert severe complications.](#)
Andrade-Amaráz V, Elizalde-Díaz JP.
Enferm Infecc Microbiol Clin (Engl Ed). 2026 Jan;44(1):503049. doi:
10.1016/j.eimce.2025.503049.
PMID: 41539848
67. [Surveillance-based insights into mosquito-borne disease trends: Implications for public health in Poland and Europe \(2018-2024\).](#)
Bogacka A, Kant R, Grzybek M.
Travel Med Infect Dis. 2026 Jan 13;70:102953. doi:
10.1016/j.tmaid.2026.102953. Online ahead of print.
PMID: 41539584
68. [Green synthesis of ZnOCuO nanocomposites for dengue vector control and antibacterial applications.](#)
Vasu N, Perumal T, S VGR, Suvaiyaran S, G K, Seetharaman PK, Ramalingam KR, Sivapunniam A.
Acta Trop. 2026 Jan 13;274:107981. doi: 10.1016/j.actatropica.2026.107981.
Online ahead of print.
PMID: 41539393
69. [Dengue virus modulates the fibrinolytic system to drive vascular leakage and serves as a therapeutic target for tranexamic acid.](#)
Wang WH, Lin CY, Huang S, Tsai YT, Wang SF, Ho TC, Chen YH.
Eur J Pharmacol. 2026 Jan 13;1015:178553. doi:
10.1016/j.ejphar.2026.178553. Online ahead of print.
PMID: 41539348

70. [Retraction notice to 'Larvicidal and pupicidal activity of phyto-synthesized zinc oxide nanoparticles against dengue vector Aedes aegypti' \[Environ. Res. 216 \(2023\) 114574\].](#)
Chinnathambi A, Alharbi SA, Lavarti R, Jhanani GK, On-Uma R, Jutamas K, Anupong W.
Environ Res. 2026 Jan 14;293:123710. doi: 10.1016/j.envres.2026.123710.
Online ahead of print.
PMID: 41538926 No abstract available.
71. [Inapparent maternal ZIKV infection impacts fetal brain development and postnatal behavior.](#)
Chou TW, McCourt M, Marmut E, Karuppusamy V, Lindman M, Estevez I, Buckley BD, Thackray JK, Rodriguez K, Nissenbaum M, Mishra C, Atkins C, Kusnecov AW, Tischfield MA, Daniels BP.
PLoS Pathog. 2026 Jan 12;22(1):e1013850. doi: 10.1371/journal.ppat.1013850. eCollection 2026 Jan.
PMID: 41525323 **Free PMC article.**
72. [Zika virus infection in early pregnancy increases the likelihood of persistent neutralizing antibodies.](#)
Falcão de Oliveira E, Carvalho AT, Venancio FA, Quilião ME, Gabeira SCO, Leite SHDS, Salú MDS, Lima SMB, Alves NDS, Moura LDC, Schwarcz WD, Azevedo AS, Demarchi LHF, Zardin MCSU, Lichs GGC, Taira DL, Nascimento AID, Fernandes WS, Alves NO, Casaril Arrua AE, Medeiros MJ, Cunha RVD, Vasconcelos Z, Santos-Pinto CDB, Nielsen-Saines K.
PLoS Negl Trop Dis. 2026 Jan 8;20(1):e0013906. doi: 10.1371/journal.pntd.0013906. eCollection 2026 Jan.
PMID: 41505490 **Free PMC article.**
73. [\[The impact of global change on infectious disease epidemiology\].](#)
Pérez Pérez A, Arranz Izquierdo J, Navarro Beltrá M.
Aten Primaria. 2026 Jan;58(1):103375. doi: 10.1016/j.aprim.2025.103375.
Epub 2026 Jan 5.
PMID: 41494415 **Free PMC article.** Spanish.
74. [E protein inhibitors and host-directed therapies in dengue virus infection: perspectives on combination and complementary antiviral strategies.](#)
Jiménez-Camacho R, Farfan-Morales CN, De Jesús Bravo-Silva J, Benítez-Vega ML, Pérez-García M, Hernández-Castillo J, Cordero-Rivera CD, Del Ángel RM.
Expert Opin Drug Discov. 2026 Jan;21(1):101-116. doi: 10.1080/17460441.2025.2601880. Epub 2025 Dec 29.
PMID: 41460106 Review.
75. [Novel anti-NS1 human single domain antibody from dengue infected NS1 positive patients.](#)
Bhikhabhai OM, Kumar H.

- Protein Expr Purif. 2026 Mar;239:106875. doi: 10.1016/j.pep.2025.106875.
Epub 2025 Dec 26.
PMID: 41456644
76. [Role of micro RNA 21 \(miR-21\) in dengue disease progression and cross talk with target proteins.](#)
Datta D, Ghosh S.
Comput Biol Chem. 2026 Apr;121:108861. doi:
10.1016/j.compbiolchem.2025.108861. Epub 2025 Dec 24.
PMID: 41456534
77. [2-Deoxy-D-glucose attenuates lipopolysaccharide-induced inflammation and restricts Zika, Chikungunya, and Mayaro virus replication in monocyte-derived macrophages.](#)
Tamayo-Molina YS, García-Marin Y, Urcuqui-Inchima S.
Antiviral Res. 2026 Feb;246:106338. doi: 10.1016/j.antiviral.2025.106338.
Epub 2025 Dec 24.
PMID: 41453726
78. [AI-assisted microfluidic immunoassay chip enabling early multiplex viral antibody detection in epidemics.](#)
Tai C, Li H, Zhang J.
Biosens Bioelectron. 2026 Mar 15;296:118335. doi:
10.1016/j.bios.2025.118335. Epub 2025 Dec 22.
PMID: 41453346
79. [Exposure to 5G-NR electromagnetic fields affects larval development of Aedes aegypti mosquito.](#)
De Borre E, De Massia C, Boone MN, Müller P, Thielens A.
Sci Rep. 2025 Dec 25;16(1):2972. doi: 10.1038/s41598-025-32816-y.
PMID: 41449204
80. [Chikungunya virus non-structural protein 2 \(nsP2\) inhibits RIG-I and TLR-mediated immune response.](#)
Raj S, Irfan M, Ranjith-Kumar CT.
Virology. 2026 Mar;616:110777. doi: 10.1016/j.virol.2025.110777. Epub
2025 Dec 22.
PMID: 41447922
81. [Physicochemical and typological insights into Aedes albopictus and Aedes aegypti larval habitats in a sub-Saharan African urban gradient setting.](#)
Obame-Nkoghe J, Moudoumi Kondji F, Niangui BG, Ewak Obame R, Ondo Oyono A, Yapet Koumlah N, Yangari P, Longo-Pendy NM, Nkoghe Nkoghe LC, Ngangue MF, Okomo Nguema Y, Mombo LE, Paupy C, Otomo PV, Kengne P.
Sci Rep. 2025 Dec 19;16(1):2545. doi: 10.1038/s41598-025-32398-9.
PMID: 41419997 **Free PMC article.**
82. [Interleukin-27 is antiviral against Zika virus at the maternal-fetal interface.](#)

- Merlino MS, Barksdale B, Negatu SG, Philip DT, Clements RL, Miller-Ensminger T, Lopez AH, Mani S, Mainigi MN, Hunter CA, Jurado KA. *Nat Commun.* 2025 Dec 19;17(1):652. doi: 10.1038/s41467-025-67378-0. PMID: 41413389 **Free PMC article.**
83. [Potential Mechanisms Underlying Bleeding During Infection With Hemorrhagic Fever Viruses.](#)
Perkins MV, Mackman N. *Arterioscler Thromb Vasc Biol.* 2026 Feb;46(2):e323625. doi: 10.1161/ATVBAHA.125.323625. Epub 2025 Dec 18. PMID: 41410052 **Free PMC article.** Review.
84. [Expanded genetic alphabet increases structural and chemical diversity of six-letter DNA for high-affinity protein-targeting aptamers.](#)
Sawada K, Kimoto M, Matsunaga KI, Tan HP, Takayanagi R, Sano FK, Shuto Y, Hirano H, Kusakizako T, Itoh Y, Kise Y, Hirao I, Nureki O. *Nat Commun.* 2025 Dec 16;17(1):797. doi: 10.1038/s41467-025-67486-x. PMID: 41402337 **Free PMC article.**
85. [Comparison of human cerebral organoids infected with wild-type Zika versus attenuated DN-2 virus strains uncovers differences in host immune responses.](#)
Choo YY, Tan TZ, Zhang SL, Tan HC, Ooi EE, Chua JJE. *Cell Commun Signal.* 2025 Dec 16;24(1):36. doi: 10.1186/s12964-025-02588-z. PMID: 41398675 **Free PMC article.**
86. [Oviposition response of Aedes mosquitoes to different cement types: a field-based study in urban Sri Lanka.](#)
Ranasinghe Y, Gunathilaka N, Jayakody D, Rodrigo W. *BMC Res Notes.* 2025 Dec 13;19(1):29. doi: 10.1186/s13104-025-07610-8. PMID: 41390478 **Free PMC article.**
87. [Vector competence of Aedes albopictus and Aedes aegypti from the islands of the Southwestern Indian Ocean for epidemic Zika, dengue, and chikungunya viruses.](#)
Hafsia S, Gomard Y, De Graaf C, Baudino F, Alout H, Lebon C, Rabarison P, Idaroussi AB, Yssouf A, Julienne S, Wilkinson DA, Atyame C, Mavingui P. *Parasit Vectors.* 2025 Dec 12;19(1):34. doi: 10.1186/s13071-025-07193-0. PMID: 41387904 **Free PMC article.**
88. [Short-chain fatty acids butyrate and acetate limit Zika virus replication and associated ocular manifestations via the G-protein coupled receptor 43/FFAR2.](#)
Deshmukh N, Kumar P, Kumar LK, Balendiran V, Singh PK. *J Virol.* 2026 Jan 20;100(1):e0182625. doi: 10.1128/jvi.01826-25. Epub 2025 Dec 8.

PMID: 41358724 **Free PMC article.**

89. [A novel graphene oxide-nicosamide hybrid as a potent antiviral agent against dengue virus serotype 3.](#)
Fathurrohman PZ, Kunarti ES, Wijayanti N, Sato N, Amano Y, Machida M, Santosa SJ.
Colloids Surf B Biointerfaces. 2026 Mar;259:115304. doi: 10.1016/j.colsurfb.2025.115304. Epub 2025 Nov 22.
PMID: 41308480
90. [Roles of non-structural protein 1 in dengue virus replication and immunomodulation in vivo.](#)
Hossain KA, Kitab B, Kono R, Momohara K, Akhter R, Rashid MHO, Soliman AM, Hifumi T, Ngwe Tun MMN, Kayesh MEH, Morita K, Kohara M, Tsukiyama-Kohara K.
J Vet Med Sci. 2026 Jan 16;88(1):179-190. doi: 10.1292/jvms.25-0496. Epub 2025 Nov 25.
PMID: 41285456
91. [Insecticide resistance profiles and mechanisms in field populations of Aedes aegypti and Aedes albopictus \(Diptera: Culicidae\) in Taiwan.](#)
Wu YY, Chang YC, Chen ME, Ishak IH, Neoh KB.
J Med Entomol. 2026 Jan 20;63(1):tjaf161. doi: 10.1093/jme/tjaf161.
PMID: 41217239
92. [Coming of age: mRNA vaccines for orthoflaviviruses.](#)
Akther F, Pardi N, Martinez DR.
Trends Immunol. 2026 Jan;47(1):43-60. doi: 10.1016/j.it.2025.10.005. Epub 2025 Nov 6.
PMID: 41198509 Review.
93. [Emergence of Two New Lineages of the Cosmopolitan Dengue Virus Serotype 2 in Yunnan, China, 2024.](#)
Li M, Zeng F, Chang W, Zheng M, Chen X, Wu Z, Liu L, Xia X, Feng Y.
J Infect Dis. 2026 Jan 17;233(1):e99-e108. doi: 10.1093/infdis/jiaf422.
PMID: 40795896 **Free PMC article.**
94. [Assessment of larvicidal, growth-suppressing, and development-altering bioefficacy of Ageratum houstonianum against Aedes aegypti \(L.\).](#)
Shah VK, Gupta KK.
J Vector Borne Dis. 2025 Jan 1;62(1):67-77. doi: 10.4103/JVBD.JVBD_100_24. Epub 2024 Oct 5.
PMID: 39373203
95. [A study on evaluation and correlation of serological methods and platelet count for diagnosis of dengue virus infection.](#)
Gohel VK, Gadhavi HM, Shingala HK, Jethva SD.

- J Vector Borne Dis. 2025 Jan 1;62(1):93-97. doi: 10.4103/JVBD.JVBD_45_23.
Epub 2024 Jul 7.
PMID: 39113381
96. [Lethal and sublethal effects of spinosad on dengue vector mosquito, *Aedes albopictus* and bancroftian filariasis vector mosquito, *Culex pipiens pallens*.](#)
Zhang X, Meng F, Xu H, Wei L, Wang Y, Huang X, Wang D.
J Vector Borne Dis. 2025 Jan 1;62(1):39-44. doi: 10.4103/JVBD.JVBD_58_24.
Epub 2024 Jul 7.
PMID: 39113376
97. [Insecticide resistance status and bar-coding of dengue vectors in three districts of Tamil Nadu, India.](#)
Anbalagan R, Srivastava PK, Baruah K, Krishnan J.
J Vector Borne Dis. 2025 Jan 1;62(1):51-59. doi: 10.4103/JVBD.JVBD_79_24.
Epub 2024 Jul 7.
PMID: 39113372
98. [Predominance of DENV-3 among patients in Ouagadougou, Burkina Faso.](#)
Ouattara AK, Toyin Bello SO, Ouédraogo A, Traoré L, Djigma FW, Simporé J.
J Vector Borne Dis. 2025 Jan 1;62(1):60-66. doi: 10.4103/JVBD.JVBD_68_24.
Epub 2024 Jul 7.
PMID: 39113365
99. [Transmission regulating immune genes: A potential strategy to control vector-borne disease.](#)
Srivastava H, Gupta B, Ali MI, Moin S.
J Vector Borne Dis. 2025 Jan 1;62(1):88-92. doi: 10.4103/JVBD.JVBD_157_23.
Epub 2024 Jul 12.
PMID: 39051865

ULCERE DE BURULI

1. [Comparative analysis of Buruli ulcer in Ghana and Côte d'Ivoire: A cross-sectional study.](#)
Gyamfi E, Dogbe M, Sarpong-Duah M, Kyei-Baffour ES, Boateng KO, Asante DA, Ayelazuno JA, Quaye C, Afouda AA, Mosi L.
PLoS Negl Trop Dis. 2026 Jan 12;20(1):e0013912. doi: 10.1371/journal.pntd.0013912. eCollection 2026 Jan.
PMID: 41525312 **Free PMC article.**

TRYPANOSOMOSE

1. [Natural infection by *Trypanosoma* spp. \(Trypanosomatida: Trypanosomatidae\) in *Micropygomyia cayennensis cayennensis* \(Diptera: Psychodidae\) on Northern Colombia.](#)

- Bedoya-Polo AJ, Pérez-Doria AJ, Bejarano Martínez EE.
J Med Entomol. 2026 Jan 20;63(1):tjaf187. doi: 10.1093/jme/tjaf187.
PMID: 41574545
2. [Physician Knowledge of Chagas Disease in a Non-Endemic Country: A Nationwide Cross-Sectional Survey.](#)
Lobo-Antuña V, Lobo-Antuña M, Fernández-Soro A, García-Deltoro M, García-Rodríguez M.
Trop Med Int Health. 2026 Jan 23. doi: 10.1111/tmi.70092. Online ahead of print.
PMID: 41574405
 3. [The P2X7 Receptor and Its Relation to Neglected Tropical Diseases: Focusing on Chagas Disease.](#)
Pereira CSF, Faria RX.
J Trop Med. 2026 Jan 21;2026:7015795. doi: 10.1155/jotm/7015795.
eCollection 2026.
PMID: 41573114 **Free PMC article.** Review.
 4. [The epidemiology and clinical features of HIV and Trypanosoma cruzi \(Chagas disease\) co-infection: A systematic review and individual patient data analysis.](#)
Elkheir N, Carter J, Dominic C, Lok P, Fisayo T, Michelen M, De Barros B, Goldsmith JW, Butler M, Price A, Mehotra A, Nabarro L, Ahmed N, Chiodini P, Moore DAJ.
PLoS Negl Trop Dis. 2026 Jan 22;20(1):e0012808. doi: 10.1371/journal.pntd.0012808. Online ahead of print.
PMID: 41570045
 5. [Exploring T. cruzi IMPDH as a promising target through Chagas Box screening and AVN-944 inhibition.](#)
Lobo-Rojas A, Marchese L, Eufrazio AG, Souza GTD, Catelli MF, Faria JDN, Cordeiro AT.
Antimicrob Agents Chemother. 2026 Jan 22:e0121025. doi: 10.1128/aac.01210-25. Online ahead of print.
PMID: 41568971
 6. [Towards a map of the immune system manipulation network by Trypanosoma cruzi.](#)
Gamba JC, Pérez AR, Poncini CV, Poveda C, Marcipar I, Cabrera G.
Front Cell Infect Microbiol. 2026 Jan 6;15:1711520. doi: 10.3389/fcimb.2025.1711520. eCollection 2025.
PMID: 41568009 **Free PMC article.** Review.
 7. [Advancing Trypanosoma cruzi N-myristoyltransferase as a drug target for Chagas disease through in silico discovery and biochemical evaluation.](#)

- González García D, Torres A, Talevi A, Alberca LN, Beltran MA, Lara F, Da Silva Ferreira M, Farani PSG, Almeida IC, Maldonado RA.
Front Mol Biosci. 2026 Jan 6;12:1666768. doi: 10.3389/fmolb.2025.1666768.
eCollection 2025.
PMID: 41567861 **Free PMC article.**
8. [Untargeted metabolomics for triaging of cytochrome b inhibitors during Chagas' disease drug discovery.](#)
MacLeod AK, Tulloch LB, Tinti M, Edwards D, Wyllie S, Read KD.
PLoS Negl Trop Dis. 2026 Jan 20;20(1):e0013917. doi:
10.1371/journal.pntd.0013917. Online ahead of print.
PMID: 41557738
 9. [Seasonal Dynamics and Associated Risk Factors of Bovine Trypanosomosis and Its Vector in Selected Districts of Gamo and Gofa Zones, Southern Ethiopia.](#)
Mekuria S, Kalsa A.
Vet Med Sci. 2026 Jan;12(1):e70786. doi: 10.1002/vms3.70786.
PMID: 41556748 **Free PMC article.**
 10. [Modulation of succinyl-CoA:3-ketoacid CoA transferase activity by a single amino acid residue in acetate:succinate CoA transferase from Trypanosoma brucei, the causative agent of African sleeping sickness.](#)
Mochizuki K, Inaoka DK, Fukuda K, Kurasawa H, Iyoda K, Nakai U, Harada S, Balogun EO, Bringaud F, Boshart M, Sakura T, Hirayama K, Kita K, Shiba T.
Protein Sci. 2026 Feb;35(2):e70463. doi: 10.1002/pro.70463.
PMID: 41556494 **Free PMC article.**
 11. [Haemanthidine-Containing Alkaloid Fraction from *Crinum scabrum* as a Natural Therapeutics for Chagas Disease.](#)
Pardo JB, Orlando LMR, Lara LDS, Pereira MCS, de Sousa NF, Scotti L, Scotti MT, Borges WS.
ACS Omega. 2025 Dec 25;11(1):1908-1918. doi: 10.1021/acsomega.5c10218.
eCollection 2026 Jan 13.
PMID: 41552611 **Free PMC article.**
 12. [Contribution to the Chemotherapy of Human Trypanosomiasis: Design, Synthesis, and Biological Evaluation of Dimeric 2-Nitroimidazoles against *Trypanosoma cruzi* Amastigotes and Bloodstream *Trypanosoma brucei*.](#)
Velez ASMM, Chaves OA, Serpa C, Salem FM, Li B, Su B, Freire-de-Lima CG, Decote-Ricardo D, Freire de Lima ME.
ACS Omega. 2025 Dec 26;11(1):1546-1556. doi: 10.1021/acsomega.5c09284.
eCollection 2026 Jan 13.
PMID: 41552522 **Free PMC article.**
 13. [Serum Cytokine Levels and Heart Rate Variability in the Frequency Domain in Patients With Chronic Chagas Heart Disease.](#)

- Bestetti RB Sr, Dellalibera-Joviliano R, Faria Junior M, Furlan Daniel RA, Domingos CC.
Cureus. 2025 Dec 17;17(12):e99493. doi: 10.7759/cureus.99493. eCollection 2025 Dec.
PMID: 41552147 **Free PMC article.**
14. [Molecular detection of vector-borne and hemotropic pathogens in raccoons \(*Procyon lotor*\) from a tropical ecotourism area in Costa Rica.](#)
Calderón-Bailey J, Rojas-Sánchez E, Mata-Masís M, Jiménez-Soto M, Solorzano-Morales A, Zuniga-Moya MJ, Varela-Amador J, Vega-Benavides K, Dolz G.
Int J Parasitol Parasites Wildl. 2026 Jan 3;29:101187. doi: 10.1016/j.ijppaw.2026.101187. eCollection 2026 Apr.
PMID: 41550387 **Free PMC article.** Review.
15. [Trypanocidal Effects of Polyprenylated Benzophenone Enriched Brazilian Red Propolis Extract and Its Isolated Constituent.](#)
Oliveira ND, Pagotti MC, Paula LAL, Paixão MZ, Albino Dos Santos D, de Freitas RF, Ambrósio SR, Veneziani RCS, Bastos JK, Magalhães LG.
Chem Biodivers. 2026 Jan;23(1):e02682. doi: 10.1002/cbdv.202502682.
PMID: 41548073 **Free PMC article.**
16. [Water buffaloes \(*Bubalus bubalis*\): potential reservoirs of trypanosomatids in endemic areas.](#)
Romariz APPL, da Silva DT, Benassi JC, Leonel JAF, Spada JCP, Rodrigues CMF, Pérez HAG, de Almeida Paula NF, Teixeira MMG, de Sousa Oliveira TMF, Buzetti WAS.
Parasitol Int. 2026 Jan 14;113:103242. doi: 10.1016/j.parint.2026.103242.
Online ahead of print.
PMID: 41544931
17. [Parasitic diseases in heart transplantation: challenges of Toxoplasmosis and Chagas Disease.](#)
Tejo AM, Campos SV.
JHLT Open. 2025 Dec 5;11:100450. doi: 10.1016/j.jhlto.2025.100450.
eCollection 2026 Feb.
PMID: 41541419 **Free PMC article.** Review.
18. [Inhibitory effects against *Trypanosoma cruzi*, *Leishmania infantum* and trypanothione reductase of N¹,N⁴-bisbenzylbutane-1,4-diamines.](#)
Guarnieri OH, de Moura Lodi Cruz MGF, de Melo Resende D, Pontes CLM, Roberto IV, D'Agostini LS, Chithambo B, Ehlenz N, Siwe-Noundou X, Krause RWM, Biavatti MW, Lakkakula JR, Wagh NS, Steindel M, Opatz T, Fonseca Murta SM, Sandjo LP.
Bioorg Med Chem Lett. 2026 Jan 13;134:130541. doi: 10.1016/j.bmcl.2026.130541. Online ahead of print.

PMID: 41539588

TRACHOME

1. [Ocular Surface Squamous Neoplasia Masqueraders.](#)
Mercado C, Parra-Rosas C, Karp CL.
Semin Ophthalmol. 2026 Feb;41(2):331-341. doi:
10.1080/08820538.2025.2548021. Epub 2025 Aug 26.
PMID: 41549989 Review.
2. [The Effect of a Water, Sanitation, and Hygiene Intervention on Clinical Trachoma: A Cluster-Randomised Trial.](#)
Wittberg DM, Admassu F, Aragie S, Dagnew A, Hailu D, Tadesse Z, Zeru T, Thompson IJB, Abdu S, Beyecha S, Birhanu T, Getachew H, Getnet B, Kabtu E, Shibiru M, Tekew S, Wondimteka B, Freeman MC, Nash SD, Lietman TM, Keenan JD.
Trop Med Int Health. 2026 Jan 18. doi: 10.1111/tmi.70086. Online ahead of print.
PMID: 41548574
3. [Evaluation of fluorometholone as adjunctive medical therapy for trachomatous trichiasis surgery \(FLAME\): a parallel, double-blind, randomised controlled field trial in the Jimma Zone, Ethiopia.](#)
Kempen JH, Abashawl A, Mohammed AA, Dodson S, Alemayehu W, Jin F, Gemechu A, Mengesha AA, Kumsa DA, Chen Y, McWilliams K, Tulu B, Abdela G, Megersa A, Cheru T, Mohammad G, Succar T, Bunya VY, Frick KD, Maguire MG, Burton MJ, Ying GS; FLAME Trial Research Group.
Lancet Glob Health. 2026 Jan 12:S2214-109X(25)00493-0. doi: 10.1016/S2214-109X(25)00493-0. Online ahead of print.
PMID: 41539314