



Réseau MTN Francophone

## **Veille scientifique**

# **Maladies tropicales négligées**

**Semaine 52**  
*2025*

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## TRACHOME

1. [Postoperative Dry Eye Following Anterior Lamellar Recession Without Tarsal Fracture Versus Marginal Rotation With Tarsal Fracture in the Treatment of Cicatricial Entropion: A Comparative Study.](#)

Abdalla WM, Sultan EN.

Cureus. 2025 Nov 21;17(11):e97411. doi: 10.7759/cureus.97411. eCollection 2025 Nov.

PMID: 41431539 **Free PMC article.**

2. [Can trachoma be eliminated using SAFE or should the model be reversed to EFAS?](#)

Stoneham M, Pollard C, Lester M, MacKenzie S.

Aust N Z J Public Health. 2025 Dec 18;50(1):100300. doi: 10.1016/j.anzjph.2025.100300. Online ahead of print.

PMID: 41418439 No abstract available.

## ULCERE DE BURULI

1. [Defining new Buruli ulcer endemic areas in urban southeastern Australia using bacterial genomics-informed possum excreta surveys.](#)

Buultjens AH, Vandelannoote K, Porter JL, Muhi S, Hobbs EC, Antão CA, Tay EL, Lacey J, Sherry N, Globan M, Lavender CJ, Meredith A, Johnson PDR, Gibney KB, Stinear TP.

Appl Environ Microbiol. 2025 Dec 23;91(12):e0160225. doi: 10.1128/aem.01602-25. Epub 2025 Nov 18.

PMID: 41251341 **Free PMC article.**

## HELMINTHES DU SOL

1. [A Case Report from Somalia: Multispecies Intestinal Parasitism and \*Helicobacter pylori\* Coinfection in a Child from a Displacement Camp.](#)

Mahamud MA, Mohamoud JH, Adam MH, Dirie NI, Sheikh OA, Siddig EE, Ahmed A, Garba B, Ahmed MM.

Int Med Case Rep J. 2025 Dec 17;18:1631-1636. doi: 10.2147/IMCRJ.S542657. eCollection 2025.

PMID: 41439149 **Free PMC article.**

2. [Evidence of ascariasis in a Celtic newborn from northern Italy](#)**FIRST REVIEW ROUND - REVIEWERS COMMENTS****AUTHORS RESPONSE TO REVIEWERS****REVIEWER 1****REVIEWERS COMMENTS.**

López-Gijón R, Teegen WR, Laffranchi Z, Vitali D, Zink A, Milella M.

Mem Inst Oswaldo Cruz. 2025 Dec 15;120:e250091. doi: 10.1590/0074-02760250091. eCollection 2025.

PMID: 41417355 **Free PMC article.**

## LEPRE

1. [Spatio-temporal trends, distribution and prediction of tuberculosis incidence in Uganda \(2020-2025\).](#)  
Aturinde A, Amanya G, Ikwangu R.  
BMC Infect Dis. 2025 Dec 25. doi: 10.1186/s12879-025-12440-x. Online ahead of print.  
PMID: 41449327 No abstract available.
2. [COVID-19 Vaccination in Adults: Results from the Tanzania HIV Impact Survey 2022-2023.](#)  
Damian DJ, Cosmas SG, Wang A, Kagashe M, Haji A, Rwehumbiza J, Issa F, Khatib A, Karugendo E, Mchau G, Sumba S, Laws R, Mayige M, Schaad N, Kamwela J, Faki F, Kakiziba DM, Moremi N, Swaminathan M, Porter SE, Pendo P.  
Vaccines (Basel). 2025 Nov 24;13(12):1185. doi: 10.3390/vaccines13121185.  
PMID: 41441652 **Free PMC article.**
3. [Analysis of the Spatial Distribution of New Cases of Leprosy in the State of Pernambuco, Northeast Brazil.](#)  
Barbosa CC, Bezerra GSN, Xavier AT, Oliveira ALS, Medeiros MS, Bonfim CVD, Medeiros ZM, Souza WV.  
Trop Med Infect Dis. 2025 Nov 21;10(12):327. doi: 10.3390/tropicalmed10120327.  
PMID: 41441566 **Free PMC article.**
4. [Zero leprosy is within reach: eliminating leprosy in low-endemic settings demands political will.](#)  
Fastenau A.  
Lancet Reg Health Southeast Asia. 2025 Dec 5;44:100703. doi: 10.1016/j.lansea.2025.100703. eCollection 2026 Jan.  
PMID: 41438233 **Free PMC article.** No abstract available.
5. [Annular elastolytic giant cell granuloma: a rare mimicker of common annular dermatoses.](#)  
Jain A, Ojha S, Dhamale S, Sardesai VR.  
BMJ Case Rep. 2025 Dec 23;18(12):e268061. doi: 10.1136/bcr-2025-268061.  
PMID: 41436216 No abstract available.
6. [Geographical trends of drug-resistant strains of Mycobacterium leprae in TLM hospitals: insights from a four-year study across eleven hospitals in eight Indian States.](#)  
Sharma R, Singh I, Gupta S.  
Eur J Clin Microbiol Infect Dis. 2025 Dec 23. doi: 10.1007/s10096-025-05351-x. Online ahead of print.  
PMID: 41432848 No abstract available.

7. [Family quality of life and associated factors among people with leprosy or podoconiosis/lymphatic filariasis with visible disabilities and their family members in Ethiopia: a baseline study for a randomized controlled trial.](#)  
Aycheh MW, van 't Noordende AT, Moges NA, Schippers AP.  
Trans R Soc Trop Med Hyg. 2025 Dec 23:traf122. doi:  
10.1093/trstmh/traf122. Online ahead of print.  
PMID: 41431441
8. [CCDC122-LACC1 gene polymorphism is associated with protection against leprosy in a population from Northeastern Brazil: a case-control study.](#)  
Freitas HA, Nogueira KRC, Costa ARRS, Santos LKCD, Silva ATP, Oliveira SP, Lima VF, Araújo NDS, Santos WOD, Pascoal PP, Valeriano JKT, Fraga CAC, Souza CDF, Barreto EO, Figueiredo EVMS, Carmo RFD, Sales-Marques C.  
BMC Infect Dis. 2025 Dec 22. doi: 10.1186/s12879-025-12391-3. Online ahead of print.  
PMID: 41430577 No abstract available.
9. [Bridging pleiotropic mechanisms in leprosy type-1 reactions and neurodegenerative diseases.](#)  
Fava VM, Perico J, Orlova M, Dallmann-Sauer M, Xu YZ, Thuc NV, Thai VH, Belone AF, Latini ACP, Schurr E.  
Sci Rep. 2025 Dec 22. doi: 10.1038/s41598-025-30734-7. Online ahead of print.  
PMID: 41430073
10. [Determinants of Health-Seeking Behaviour for Leprosy Among High-Risk Populations in Gunungkidul District, Indonesia: A Community-Based Cross-Sectional Study.](#)  
Handika DO, Siswati AS, Sukoco SH, Ahmad RA.  
Trop Med Int Health. 2025 Dec 22. doi: 10.1111/tmi.70073. Online ahead of print.  
PMID: 41429440
11. [Diagnostic accuracy of the TrueNat™ MTB plus assay for detecting pulmonary tuberculosis in adults.](#)  
Mallya SP, Mbelele PM, Kisonga RM, Mtunga DD, Banzi HH, Mpiima SS, Twinomujuni M, Bazira J, Kassaza K.  
PLoS One. 2025 Dec 22;20(12):e0327936. doi:  
10.1371/journal.pone.0327936. eCollection 2025.  
PMID: 41428670 **Free PMC article.**
12. [Reactivations, paradoxical reactions, and immune reconstitution in human immunodeficiency virus-associated leprosy: A scoping review of global case patterns, immunopathogenesis, and therapeutic gaps.](#)  
Anil A, Vellaisamy SG, Manickam N, Gopalan K.

- Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):112-118. doi: 10.4103/ijstd.ijstd\_152\_25. Epub 2025 Dec 10. PMID: 41425038 **Free PMC article.** Review.
13. [Addressing ignored and neglected: Nonvenereal vulvar dermatoses.](#)  
Dalwadi P, Tralsawala K, Lakhani S, Bhabhor A.  
Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):139-141. doi: 10.4103/ijstd.ijstd\_69\_25. Epub 2025 Dec 10. PMID: 41425037 **Free PMC article.**
  14. [A clinico-epidemiological study of the mucocutaneous manifestations among people living with human immunodeficiency virus attending a tertiary care center in South India.](#)  
Cemalaguntla MR, Jarang T, Kusuma P, Meda D.  
Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):176-180. doi: 10.4103/ijstd.ijstd\_14\_25. Epub 2025 Dec 10. PMID: 41425026 **Free PMC article.**
  15. [Vulvar dermatoses: A cross-sectional study of etiology, dermoscopic findings, and impact on the quality of life.](#)  
Karishni C, Musku T, Saisharanya B, Reddy GS, Chintagunta SR.  
Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):131-138. doi: 10.4103/ijstd.ijstd\_33\_25. Epub 2025 Dec 10. PMID: 41425024 **Free PMC article.**
  16. [Beyond sexually transmitted infection: A clinical insight into non-venereal male genital dermatoses in a tertiary care setting.](#)  
Merchant BS, Lakhani SJ, Tralsawala KB, Bhabhor AK, Sitlani PI.  
Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):181-185. doi: 10.4103/ijstd.ijstd\_117\_25. Epub 2025 Dec 10. PMID: 41425020 **Free PMC article.**
  17. [A forgotten foe: Congenital syphilis in the modern era.](#)  
Vani T, Rithika GV, Teja GS, Kumar TSP.  
Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):211-214. doi: 10.4103/ijstd.ijstd\_114\_25. Epub 2025 Dec 10. PMID: 41425007 **Free PMC article.**
  18. [Management guidelines for sexually transmitted infections: A ready reckoner for postgraduates and practicing dermato-venereologists.](#)  
Raman CV, Rajamohanan RR, Carounanidy U.  
Indian J Sex Transm Dis AIDS. 2025 Jul-Dec;46(2):119-130. doi: 10.4103/ijstd.ijstd\_71\_25. Epub 2025 Dec 10. PMID: 41425004 **Free PMC article.** Review.
  19. [Determinants of Delayed Leprosy Diagnosis in an Endemic Area of Northeast Brazil: A Cross-Sectional Study.](#)

Pina WLDSM, Melo LFA, Rocha HND, Moura J, Lopes-Luz L, Silva LS, Carvalho SCC, Santos GMCD, Santos VS.

Rev Soc Bras Med Trop. 2025 Dec 15;58:e02302025. doi: 10.1590/0037-8682-0230-2025. eCollection 2025.

PMID: 41417342 **Free PMC article.**

20. [Presence of Viable Bacilli in Multibacillary Leprosy After 12 Doses of Multidrug Therapy.](#)

Assis DR, Barreto JG, Gaggini MCR, Damazo AS, Fontes CJF, Florian MC.

Rev Soc Bras Med Trop. 2025 Dec 15;58:e01122025. doi: 10.1590/0037-8682-0112-2025. eCollection 2025.

PMID: 41417339 **Free PMC article.**

21. [Participatory construction of an assistive technology for leprosy contact surveillance.](#)

Duarte BAS, Nogueira LMV, Jesus HG, Rodrigues ILA, Lima IB, Silva RGD.

Rev Bras Enferm. 2025 Dec 12;78(suppl 4):e20240488. doi: 10.1590/0034-7167-2024-0488. eCollection 2025.

PMID: 41417326 **Free PMC article.**

22. [Trichophyton indotineae: Epidemiology, antifungal resistance and antifungal stewardship strategies.](#)

Gupta AK, Susmita, Nguyen HC, Liddy A, Talukder M, Wang T, Magal L,

Chowdhary A, Shemer A, Saunte DML, Hay R, Piguet V.

J Eur Acad Dermatol Venereol. 2026 Jan;40(1):29-45. doi: 10.1111/jdv.20810. Epub 2025 Jul 4.

PMID: 40613321 **Free PMC article.** Review.

## CYSTICERCOSIS

1. [Clinical Manifestations.](#)

Jobet M, Perez V, Arias O, Bravo S, Santibanez RA.

Alzheimers Dement. 2025 Dec;21 Suppl 3:e105260. doi: 10.1002/alz70857\_105260.

PMID: 41447553

2. [A survey of morphological, molecular, and histopathological characteristics of Taenia pisiformis metacestode in Egyptian rabbits \(Oryctolagus cuniculus\).](#)

Ras R, El-Bahrawy A, Abdelkhalek A, Morariu F, Elsayed AN, Nouh DS, Plesko A, Ilie MS, AbdelMageed M.

Front Vet Sci. 2025 Dec 5;12:1701083. doi: 10.3389/fvets.2025.1701083. eCollection 2025.

PMID: 41427150 **Free PMC article.**

## PIAN

## LEISHMANIOSE

1. [Discovery of antileishmanial hits in the 3-nitroimidazo\[1,2-a\]pyridine series via newly optimized tetrakis\(dimethylamino\)ethylene \(TDAE\) methodology at position 2.](#)  
Jacquet I, Paoli-Lombardo R, Castera-Ducros C, Pomares H, Bourgeade-Delmas S, Vanelle P, Primas N.  
Eur J Med Chem. 2025 Dec 19;304:118506. doi: 10.1016/j.ejmech.2025.118506. Online ahead of print.  
PMID: 41448051
2. [A single-cell transcriptomic atlas of peripheral blood immune cells spanning progressive canine leishmaniosis.](#)  
Uhl DP, Holbrook DJ, Waugh MC, Dey S, Brown N, Cyndari KI, Oleson JJ, Kaye PM, Petersen CA.  
bioRxiv [Preprint]. 2025 Dec 21:2025.12.18.695149. doi: 10.64898/2025.12.18.695149.  
PMID: 41446132 **Free PMC article.** Preprint.
3. [Impacts of Cipargamin on Na<sup>+</sup>-ATPase and Osmoregulation of \*Trypanosoma cruzi\*.](#)  
Dick CF, Silva AACLBD, de-Souza-Silva A, Frechiani G, Barbosa-de-Barros J, Vieyra A, Meyer-Fernandes JR.  
Membranes (Basel). 2025 Nov 23;15(12):349. doi: 10.3390/membranes15120349.  
PMID: 41441052 **Free PMC article.**
4. [Comparison of Antigen Conjugation to a Peptidic Carrier or to Bovine Serum Albumin in the Serodiagnosis of Canine Visceral Leishmaniasis via Suspension Array Technology.](#)  
Toledo TS, Cunha PM, Lima-Junior JDC, De Campos MP, Renzetti ARS, Figueiredo FB, Morgado FN, Porrozzi R, Conceição-Silva FD, Santiago MA, De Luca PM.  
Antibodies (Basel). 2025 Dec 4;14(4):103. doi: 10.3390/antib14040103.  
PMID: 41440492 **Free PMC article.**
5. [Partners in time: Cospeciation and host-switching shape the evolution of \*Leishmania\* parasites.](#)  
Rojas A, Mendoza-Roldan JA, Alfaro-Segura P, Solano-Barquero A, Otranto D.  
PLoS Negl Trop Dis. 2025 Dec 23;19(12):e0013814. doi: 10.1371/journal.pntd.0013814. eCollection 2025 Dec.  
PMID: 41433316 **Free PMC article.**
6. [Mitochondrial Dysfunction Induced by a Novel Salicylate-Based 1,2,3-Triazole Salt With Potent Antileishmanial Activity.](#)

De Oliveira BA, de Oliveira Lemos AS, Bastos JPRC, Antinarelli LMR, de Freitas ALR, Ribeiro RGM, da Silva Neto AF, Coimbra ES, Da Silva AD.

Chem Biol Drug Des. 2025 Dec;106(6):e70227. doi: 10.1111/cbdd.70227.

PMID: 41431271 **Free PMC article.**

7. [Establishment of a transdermal infection model with \*Leishmania amazonensis\*.](#)

Manhães NC, Praxedes H, Da-Rocha AA, de Almeida DB, Dos Santos IB, da Silva-Junior EB, Covre L, Freire-de-Lima CG, Oliveira Gomes DC, da-Cruz AM, da Fonseca-Martins AM, de Matos Guedes HL.

Parasit Vectors. 2025 Dec 22. doi: 10.1186/s13071-025-07127-w. Online ahead of print.

PMID: 41430712

8. [Case Report: Exclusive localization of Leishman-Donovan bodies in neutrophils on peripheral blood smear in a patient with systemic lupus erythematosus.](#)

Ma F, Zhang R, He M, Li J, Bai M, Liang G, Liu X.

Front Med (Lausanne). 2025 Dec 5;12:1693178. doi: 10.3389/fmed.2025.1693178. eCollection 2025.

PMID: 41426556 **Free PMC article.**

9. [The Efficacy of Topical Paromomycin-Gentamicin versus Topical Paromomycin Alone in The Treatment of Cutaneous Leishmaniasis: A meta-analysis of randomized controlled trials.](#)

Alshaikh T, Jihad M, Jomaa A.

Sultan Qaboos Univ Med J. 2025 May 2;25(1):1002-1008. doi: 10.18295/2075-0528.2931. eCollection 2025.

PMID: 41425839 **Free PMC article.**

10. [Diagnostic and therapeutic challenges of cutaneous leishmaniasis in Canada: A case report.](#)

Yu AC, Chan AR, Tse-Chang A, Waldner D, Fernando Sanchez-Espino L.

SAGE Open Med Case Rep. 2025 Dec 19;13:2050313X251408611. doi: 10.1177/2050313X251408611. eCollection 2025.

PMID: 41424735 **Free PMC article.**

11. [Molecular survey on vector-borne pathogens in urban and peri-urban rodents in Spain.](#)

Barbero-Moyano J, González M, Caballero-Gómez J, Carbonara M, Yusuf MSM, Martínez R, Mendoza-Roldán JA, Quevedo-Muñoz MÁ, Guerra R, Soriano P, Crailsheim D, Greco G, Otranto D, García-Bocanegra I.

Vet Microbiol. 2025 Dec 16;312:110845. doi: 10.1016/j.vetmic.2025.110845. Online ahead of print.

PMID: 41422730

12. [Finding the hidden genes in Leishmania guyanensis genome: Application of proteogenomics approach to improve the genome annotation in the kinetoplastid parasite.](#)  
Pawar SA, Shenoy A, Vasudevan K, Mishra N, Jamdhade M, Pawar H.  
Acta Trop. 2025 Dec 18;273:107952. doi: 10.1016/j.actatropica.2025.107952.  
Online ahead of print.  
PMID: 41421640
13. ["Proteome-wide immunoinformatics analysis of Leishmania major: discovery of eight novel vaccine candidates and systematic evaluation of historical targets".](#)  
Abdulqader A, Abdulsada FM, Al-Dulemey MQ, Shamsir MS.  
Acta Trop. 2025 Dec 18;273:107949. doi: 10.1016/j.actatropica.2025.107949.  
Online ahead of print.  
PMID: 41421638
14. [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. 2025 Dec 16;169:109392. doi: 10.1016/j.bioorg.2025.109392.  
Online ahead of print.  
PMID: 41421081
15. [On the integrative taxonomy of Trichophoromyia Barretto, 1962 and its relationship with Nyssomyia Barretto, 1962 \(Diptera, Psychodidae, Phlebotominae\): species delimitation, phylogeny, genus and subgenus description.](#)  
Rodrigues BL, Vasconcelos Dos Santos T, Brilhante AF, de Souza Pinto I, Rocha EG, Pereira Júnior AM, da Silva Costa G, de França KP, de Souza Cavalcante K, Shimabukuro PHF, Medeiros JF, Galati EAB.  
Parasit Vectors. 2025 Dec 19. doi: 10.1186/s13071-025-07155-6. Online ahead of print.  
PMID: 41419930
16. [Prevalence and associated risk factors of human leishmaniasis in sub-Saharan Africa: an umbrella review.](#)  
Abebe W, Woldesenbet D, Derso YA, Feleke SF.  
BMC Infect Dis. 2025 Dec 19;25(1):1727. doi: 10.1186/s12879-025-12174-w.  
PMID: 41419841 **Free PMC article.**
17. [Predicting current and future areas of ecological suitability for Lutzomyia longipalpis sensu lato in the Americas.](#)  
DeWinter S, Nichol GK, Fernandez Prada C, Greer AL, Weese JS, Clow KM.  
J Med Entomol. 2025 Dec 19:tjaf184. doi: 10.1093/jme/tjaf184. Online ahead of print.

PMID: 41418410

18. [Flavonolignans from \*Lannea acida\* A. Rich. as potential antileishmanial agents.](#)

Aamer M, Kamran M, Yousuf M, Salawu KM, Zafar H, Wahab AT, Choudhary MI, Khan FA, Wang Y.

Nat Prod Res. 2025 Dec 19;1-12. doi: 10.1080/14786419.2025.2601260.

Online ahead of print.

PMID: 41418295

19. [Occurrence of \*Leishmania\* spp. in Roadkilled Wild Mammals on Highways in the State of São Paulo, Brazil.](#)

Garavito SJO, Chouman IH, Suarez PEN, Lugo MAA, Dias RA, Dias JLC, Laurenti MD, Matta VLRD, Momo C.

Rev Soc Bras Med Trop. 2025 Dec 19;58:e00672025. doi: 10.1590/0037-8682-0067-2024. eCollection 2025.

PMID: 41417504 **Free PMC article.**

20. [Leishmanicidal and trypanocidal potential of  \$\beta,\gamma\$ -unsaturated carboxylic acid synthetic derivatives.](#)

Calero-Docina IM, Delgado-Hernández S, Luis-Rancel S, Bethencourt-Estrella CJ, Álvarez-Méndez SJ, López-Arencibia A, Lorenzo-Morales J, Piñero JE.

Eur J Med Chem. 2026 Feb 5;303:118390. doi:

10.1016/j.ejmech.2025.118390. Epub 2025 Nov 26.

PMID: 41338135

21. [Evaluation of IgG anti-\*L. tropica\* antibody response as a biomarker for cutaneous leishmaniasis using ELISA in endemic regions of Pakistan.](#)

Pervez BS, Islam A, Minhas A, Ozbel Y, Toz S, Waseem S, Hayat O, Naz S.

J Microbiol Methods. 2026 Jan;240:107340. doi:

10.1016/j.mimet.2025.107340. Epub 2025 Nov 22.

PMID: 41285317

22. [Essential Oil From the Wood of \*Clarissa racemosa\*: Chemical Characterization, In Vitro Evaluation of Biological Activities, a Promising Phytopharmaceutical.](#)

Marques DSC, da Silva AFF, Lima LDS, França WWM, Brayner FA, Alves LC, Lima MDCA, Cruz Filho IJD.

Chem Biodivers. 2025 Dec;22(12):e01435. doi: 10.1002/cbdv.202501435.

Epub 2025 Oct 8.

PMID: 41061023

23. [Oxidative Stress Modulation and Antileishmanial Activity of \*Salvinia auriculata\*.](#)

Rodrigues AC, Papaya EU, da Silva F, de Arruda CCP, Dos Santos EL, de Picoli Souza K, Carollo CA.

- Chem Biodivers. 2025 Dec;22(12):e01027. doi: 10.1002/cbdv.202501027.  
Epub 2025 Sep 11.  
PMID: 40934490 **Free PMC article.**
24. [Exploring Natural Coumarins in Antiprotozoal Drug Discovery: A Comprehensive Review.](#)  
Tariq H, Khan S, Miyan K, Qidwai SN, Ahamad S, Saquib M, Hussain MK.  
Chem Biodivers. 2025 Dec;22(12):e01964. doi: 10.1002/cbdv.202501964.  
Epub 2025 Sep 8.  
PMID: 40921001 **Review.**
25. [Fungal Biodiversity From the Atlantic Forest With Bioactive Metabolites Against Cutaneous Leishmaniasis.](#)  
Calado JCP, Navarro MV, Alencar Chaves AF, Casula I, Ramos PL, da Cruz JB, Rodrigues AM, Lira KDL, Fonseca FLA, Xander P, de Vasconcellos SP, Batista WL.  
Chem Biodivers. 2025 Dec;22(12):e01468. doi: 10.1002/cbdv.202501468.  
Epub 2025 Aug 28.  
PMID: 40875994 **Free PMC article.**
26. [Dehydroepiandrosterone \(DHEA\) Counteracts Leishmania donovani-Induced Cortisol-Glucocorticoid Receptor Signaling-Mediated Immunosuppression and Anti-inflammatory Bias.](#)  
Seth A, Dutta M, Sarkar R, Prusti P, Katiyar S, Kar S.  
J Infect Dis. 2025 Dec 20;232(6):1389-1401. doi: 10.1093/infdis/jiaf223.  
PMID: 40293810
27. [Exploring natural product library as potential target against sterol C-24 methyltransferase protein of Leishmania donovani.](#)  
Kumari D, Kaur H, Palmo T, Nargotra A, Singh K.  
Nat Prod Res. 2025 Dec;39(23):6799-6805. doi: 10.1080/14786419.2024.2392749. Epub 2024 Aug 19.  
PMID: 39161174

## ECHINOCOCCOSE

1. [International multicentre study to validate the Segmental Sedimentation and Counting Technique \(SSCT\) for the surveillance of Echinococcus multilocularis in red fox.](#)  
Umhang G, Bastien F, Caillot C, Deksne G, Karamon J, Davidson R, Mateusa M, Samorek-Pieróg M, Santoro A, Santolamazza F, Beck R, O'Shaughnessy J, Berg RPKD, Jokelainen P, Lunden A, Maksimov P, Moks E, Isomursu M, Oksanen A, Tull A, Saarma U, Waap H, Casulli A, Boué F.  
Vet Parasitol. 2025 Dec 19;342:110678. doi: 10.1016/j.vetpar.2025.110678.  
Online ahead of print.  
PMID: 41448009

2. [Response to the "Letter to editor" for the manuscript IM-5591-25-C entitled "A rare case of hepatic Echinococcus granulosus infection diagnosed by autopsy in Japan".](#)  
Asai A, Kawashima H, Hirota T, Masutani R, Asano S, Kim SK, Nishikawa H, Yamamoto N.  
Intern Med. 2025 Dec 25. doi: 10.2169/internalmedicine.6768-25. Online ahead of print.  
PMID: 41443876 No abstract available.
3. [Ocular manifestations of hydatid disease: a case report.](#)  
Zhang X, Feng K, Han L, Khatri A, Hung JH, Li Y, Zhang P, Liu J, Nguyen QD, Ma Z.  
BMC Ophthalmol. 2025 Dec 23;25(1):693. doi: 10.1186/s12886-025-04497-8.  
PMID: 41437010 **Free PMC article.**
4. [Neotropical Echinococcosis Complicated by Hepatic Abscess and Hepato-Pleural Fistula: A Case Report From the State of Acre, Brazil.](#)  
Siqueira NG, Magalhães VD, Dantas TO, Beltrame EG, Guedes MAC.  
Cureus. 2025 Nov 19;17(11):e97235. doi: 10.7759/cureus.97235. eCollection 2025 Nov.  
PMID: 41431593 **Free PMC article.**
5. [Hepatic Cystic Echinococcosis: Predictive Factors of Cyst Fluid Fertility and Viability.](#)  
Trigui A, Fendri S, Boujelbène W, Saumtally MS, Cheikhrouhou F, Zouari R, Kchaou M, Ketata S, Mzali R, Dziri C, Ayadi A, Zouari A, Boujelben S, Ben Amar M.  
Trop Med Int Health. 2025 Dec 22. doi: 10.1111/tmi.70071. Online ahead of print.  
PMID: 41429585
6. [Genetic diversity and genotyping of \*Echinococcus multilocularis\*: a minireview.](#)  
Rachel F, Conraths FJ, Maksimov P.  
Front Parasitol. 2025 Dec 5;4:1721690. doi: 10.3389/fpara.2025.1721690. eCollection 2025.  
PMID: 41425511 **Free PMC article.** Review.
7. [Disseminated paediatric cystic echinococcosis with pulmonary, hepatic and renal involvement managed medically in a low-resource endemic setting.](#)  
Nisar Ahmad S, Umair Ahmed S, Arshad A.  
BMJ Case Rep. 2025 Dec 21;18(12):e270029. doi: 10.1136/bcr-2025-270029.  
PMID: 41423285
8. [Unmasking the mimic: vertebral alveolar echinococcosis diagnosed by metagenomic next-generation sequencing.](#)

- Kruis T, Wassermann M, Graf B, Lührig K, Menzel P, Schwarzer R, Ziegler J, Isner C.  
Infection. 2025 Dec 21. doi: 10.1007/s15010-025-02717-3. Online ahead of print.  
PMID: 41422454
9. [A panel of five microsatellites as an alternative to mitogenome sequencing for investigating the genetic diversity of Echinococcus granulosus sensu stricto from global to farm scale.](#)  
Umhang G, Bastid V, Rinaldi L, Pepe P, Ciccone E, Sotiraki S, Ligda P, Oudni-M'rad M, M'rad S, Lahmar S, Said Y, Elmehatli K, Ahmad H, Kuzmina T, Yevstafieva V, Aghayan SA, Gevorgyan H, Simsek S, Ponce-Gordo F, Benchikh El Fegoun MC, El Berbri I, Fihri OF, Saarma U, Grenouillet F, Boué F, Aguayo J. Infect Genet Evol. 2025 Dec 18:105868. doi: 10.1016/j.meegid.2025.105868. Online ahead of print.  
PMID: 41421571
  10. [Recurrent multiple primary intracranial hydatid cysts: a case report.](#)  
Hassan S, Rais H, Bukhari M, Qazi SA, Rizvi R.  
J Pak Med Assoc. 2025 Dec;75(12):1960-1962. doi: 10.47391/JPMA.25-22341.  
PMID: 41418250
  11. [TPEDCC-PEG-based photodynamic therapy exhibits potent therapeutic efficacy against echinococcosis by inducing oxidative stress and mitochondria-mediated apoptosis.](#)  
Ma Z, Xie L, Wang L, Wang Z, Zhao H, Qiu L, Ma Z, Tian J, Shi L, Yuan M, Xin Q. PLoS Negl Trop Dis. 2025 Dec 19;19(12):e0013793. doi: 10.1371/journal.pntd.0013793. eCollection 2025 Dec.  
PMID: 41417771 **Free PMC article.**
  12. [Comparative analysis of radiological and serological methods for diagnosis of cystic echinococcosis.](#)  
Can B, Capin BBO, Kursun M, Cimsit C, Yagci AK.  
Rev Bras Parasitol Vet. 2025 Dec 12;34(4):e014125. doi: 10.1590/S1984-29612025073. eCollection 2025.  
PMID: 41417351 **Free PMC article.**
  13. [Detection of Echinococcus granulosus sensu lato microRNAs in cystic echinococcosis patients: An exploratory study using quantitative PCR and digital PCR.](#)  
Stocchero C, Manciuilli T, Zanon A, Salvi G, Sechi SA, Pea A, Cafiso A, Pepe P, Vola A, Cucher MA, Brunetti E, Lecchi C, Bazzocchi C.  
PLoS Negl Trop Dis. 2025 Dec 15;19(12):e0013833. doi: 10.1371/journal.pntd.0013833. eCollection 2025 Dec.  
PMID: 41397025 **Free PMC article.**

## SCHISTOSOMOSE

1. [The association of helminth infection against antimalarial antibody responses in malaria infection and vaccination: a systematic review and meta-analysis.](#)  
Pinandyo SH, Ali S, Aurelio B, Amoah AS, Kaiser MMM.  
Vaccine. 2025 Dec 24;73:128125. doi: 10.1016/j.vaccine.2025.128125. Online ahead of print.  
PMID: 41447780    Review.
2. [Quantum-Mechanically Refined, Dynamics-Coupled, and AI-Augmented Elucidation of Epigenetic Inhibition: An In Silico Paradigm Targeting HDAC8 of \*Schistosoma mansoni\*.](#)  
Imran M, Jawaid T, Alhuthali HM, Alrehaili AA, Alzahrani AR, Rehman ZU, Mbunge E, Dzinamarira T.  
J Trop Med. 2025 Dec 22;2025:1172449. doi: 10.1155/jotm/1172449. eCollection 2025.  
PMID: 41438622    **Free PMC article.**
3. [Loss of vitamin C biosynthesis protects from the pathology of a parasitic infection.](#)  
Chen G, Jun JH, Wijshake T, Kwarteng EO, Li Y, Yuan M, Rose J 3rd, Li S, Cobb S, Serpa W, Folger B, Li Y, Li L, Chen W, Collins JJ 3rd, Wang J, Agathocleous M.  
Proc Natl Acad Sci U S A. 2025 Dec 30;122(52):e2517730122. doi: 10.1073/pnas.2517730122. Epub 2025 Dec 23.  
PMID: 41433065
4. [Development of a dynamical model to enhance understanding of epidemiology of schistosomiasis in school-aged-children.](#)  
Reed AL, Kayuni SA, Musaya J, Stothard JR, Fronterre C, Jewell C.  
Sci Rep. 2025 Dec 22. doi: 10.1038/s41598-025-32664-w. Online ahead of print.  
PMID: 41429846
5. [Effect of a low-protein diet on the spleen of Swiss Webster mice infected with \*Schistosoma mansoni\*.](#)  
Bernardo J, Sanches M, Leal Corrêa C, Brandão-Bezerra L, Machado-Silva JR, Heisler Neves R.  
Exp Parasitol. 2025 Dec 18;280:109085. doi: 10.1016/j.exppara.2025.109085. Online ahead of print.  
PMID: 41421416
6. [Naringenin attenuates liver injury in \*Schistosoma mansoni\*-induced liver fibrosis and oxidative stress in mice model.](#)  
Liang TR, Liu CZ, Peng SY.  
PLoS Negl Trop Dis. 2025 Dec 19;19(12):e0013825. doi: 10.1371/journal.pntd.0013825. eCollection 2025 Dec.

PMID: 41417851 **Free PMC article.**

7. [Urogenital Schistosomiasis on Santiago Island, Cabo Verde, 2023.](#)

Miranda L, D'Angelo SM, Hungria L, Santos M, Oliveira AR, Costa VM, Duarte S, Lima GV, Perdigão L, Fonseca MIRF, Rodrigues VC, Semedo ÁMR, Silva JS, Cardoso AJC, Soares JJX, Moreira J, Vaz I, Mendonça MDLL, Cavalcanti LPG. Rev Soc Bras Med Trop. 2025 Dec 15;58:e03182025. doi: 10.1590/0037-8682-0318-2025. eCollection 2025.

PMID: 41417344 **Free PMC article.**

8. [Detection of Echinococcus granulosus sensu lato microRNAs in cystic echinococcosis patients: An exploratory study using quantitative PCR and digital PCR.](#)

Stocchero C, Manciuilli T, Zanon A, Salvi G, Sechi SA, Pea A, Cafiso A, Pepe P, Vola A, Cucher MA, Brunetti E, Lecchi C, Bazzocchi C.

PLoS Negl Trop Dis. 2025 Dec 15;19(12):e0013833. doi: 10.1371/journal.pntd.0013833. eCollection 2025 Dec.

PMID: 41397025 **Free PMC article.**

9. [Fluorescent acid-fast stains for diagnosing mycobacteria and beyond: back to the future?](#)

Hänscheid T, Mahomed S, Oliveira L, Pereira DS, Grobusch MP.

Lancet Microbe. 2025 Dec;6(12):101233. doi: 10.1016/j.lanmic.2025.101233. Epub 2025 Oct 21.

PMID: 41135557 **Review.**

10. [Essential Oil From the Wood of Clarissa racemosa: Chemical Characterization, In Vitro Evaluation of Biological Activities, a Promising Phytopharmaceutical.](#)

Marques DSC, da Silva AFF, Lima LDS, França WWM, Brayner FA, Alves LC, Lima MDCA, Cruz Filho IJD.

Chem Biodivers. 2025 Dec;22(12):e01435. doi: 10.1002/cbdv.202501435. Epub 2025 Oct 8.

PMID: 41061023

## DRACUNCULOSE

1. [Pioneering study on phytochemical, nutritional, antioxidant, and antidiabetic potential of Xanthosoma brasiliense \(Desf.\) Engl.: a key plant species from Kerala, India.](#)

Chandran P, Lohidas J.

Nat Prod Res. 2025 Dec 22:1-8. doi: 10.1080/14786419.2025.2602915. Online ahead of print.

PMID: 41429368

## FILARIOSE LYMPHATIQUE

1. [Family quality of life and associated factors among people with leprosy or podoconiosis/lymphatic filariasis with visible disabilities and their family members in Ethiopia: a baseline study for a randomized controlled trial.](#)  
Aycheh MW, van 't Noordende AT, Moges NA, Schippers AP.  
Trans R Soc Trop Med Hyg. 2025 Dec 23:traf122. doi: 10.1093/trstmh/traf122.  
Online ahead of print.  
PMID: 41431441
2. [Reversal of filarial serpin Wb123-urokinase plasminogen activator receptor mediated alternative macrophage activation by monoclonal antibody.](#)  
Upadhyay P, Munjal A, Mondal A, Singh G, Mukherjee S, Siwach S, Chandoulla M, Kaushik MC, Gupta PK, Pati S, Singh S.  
PLoS Negl Trop Dis. 2025 Dec 22;19(12):e0013726. doi: 10.1371/journal.pntd.0013726. Online ahead of print.  
PMID: 41428697

## ONCHOCERCOSE

1. [Rebound in prevalence and intensity of Onchocerca volvulus infection five years after cessation of alternative treatment strategies in the Massangam Health District, West Region, Cameroon: need for coordinated and sustained efforts.](#)  
Ondoua Nganjou GS, Sumo L, Efon Ekangouo A, Toche NN, Bopda J, Sondi Dissake JC, Youmbi Kammogne I, Domche A, Niamsi Emalio Y, Mpaba Minkat TM, Nko'Ayissi GB, Hedtke SM, Grant WN, Njiokou F, Kamgno J, Nana Djeunga HC.  
PLoS Negl Trop Dis. 2025 Dec 22;19(12):e0013849. doi: 10.1371/journal.pntd.0013849. Online ahead of print.  
PMID: 41428726

## MYCETOME

1. [\[Myelopathy secondary to thoracic actinomycetoma\].](#)  
Damián-Zapién A, Covarrubias-Gutiérrez D, Rodríguez-Virgen JE, Corona-Torres MC, Serna-Castellanos KE.  
Rev Med Inst Mex Seguro Soc. 2026 Jan 1;64(1):e6703. doi: 10.5281/zenodo.17477391.  
PMID: 41417930 Spanish.

## MORSURE DE SERPENT

1. [Venom-Induced Recurrent Thrombocytopenia: A Model of Intervention-Driven Platelet Modulation.](#)  
Dobaja Borak M, Reberšek K, Kurtović T, Leonardi A, Križaj I, Brvar M.

- Toxins (Basel). 2025 Dec 17;17(12):605. doi: 10.3390/toxins17120605.  
PMID: 41441640 **Free PMC article.**
2. [Differential Effects of Marimastat and Prinomastat on the Metalloprotease Activity of Various Snake Venoms.](#)  
Khatibi M, Almeida JR, Gilabadi S, Ramírez D, Valenzuela-Hormazábal P, Patel K, Vaiyapuri S.  
Toxins (Basel). 2025 Nov 26;17(12):571. doi: 10.3390/toxins17120571.  
PMID: 41441607 **Free PMC article.**
  3. [Molecular Mechanisms of Efficacy Variation in Antivenoms: Insights from a Malayan Pit Viper \(\*Calloselasma rhodostoma\*\) Bite in Vietnam.](#)  
Le TQ, Nguyen NT, Pham YB, Vu MB, Le NT, Nguyen NSP, Balchan NR, Tan CH, Duong TH, Nguyen HH, Nguyen TT.  
Trop Med Infect Dis. 2025 Nov 25;10(12):331. doi: 10.3390/tropicalmed10120331.  
PMID: 41441570 **Free PMC article.**
  4. [Epidemiological and Clinical Behavior of Snakebite in the Pediatric Population, Associated with a Logistic Regression Model.](#)  
Revollo Vargas C, Bru-Cordero O, Pastor-Sierra K.  
Clin Pract. 2025 Dec 5;15(12):228. doi: 10.3390/clinpract15120228.  
PMID: 41440479 **Free PMC article.**
  5. [Unveiling the pharmacological potential of \*Ophiorrhiza radicans\* Gardner ex Thwaites: first report on its antioxidant, anti-inflammatory, antidiabetic, and cytotoxic activities.](#)  
Mathew J, Sharifi-Rad M, M V K, Thambi M.  
Nat Prod Res. 2025 Dec 23:1-11. doi: 10.1080/14786419.2025.2605669.  
Online ahead of print.  
PMID: 41437669
  6. [Clinical presentation and management of snakebite envenoming in northern Ghana.](#)  
Aglanu LM, Amuasi JH, Duah IK, Agbogbatey MK, Steinhorst J, Adobasom-Anane AG, Bukari Z, Azabu TJ, Kreuels B, Laloo DG, Stienstra Y.  
PLoS Negl Trop Dis. 2025 Dec 12;19(12):e0013820. doi: 10.1371/journal.pntd.0013820. eCollection 2025 Dec.  
PMID: 41385603 **Free PMC article.**
  7. [Botulinum neurotoxin A alleviates Deinagkistrodon acutus venom-induced limb injury through promoting macrophage polarization in rabbits.](#)  
Xie L, Wu H, Lai L, Du W, Xu J, Lan P.  
Toxicon. 2026 Feb 1;270:108936. doi: 10.1016/j.toxicon.2025.108936. Epub 2025 Dec 2.  
PMID: 41344508

8. [Did the WHO recognition of snakebite as a neglected tropical disease impact national NTD master plans in 15 African countries?](#)  
Stienstra Y, Clevering Y, Kokhuis S, Amuasi JH, Padidar S, Schurer JM, Mijumbi R, Thomson R, Oluoch GO, Mbonigaba JB, Lalloo DG.  
Toxicol. 2026 Feb 1;270:108935. doi: 10.1016/j.toxicol.2025.108935. Epub 2025 Nov 29.  
PMID: 41325940

## RAGE

1. [Impact of general anaesthesia on immune response to first rabies vaccination in seronegative domestic cats.](#)  
Bessièrè P, Breyse R, Chrétien M, Hayes B, Boullier S, Labadie A, Rieder J, Wasniewski M, Jourdan G.  
Vet Rec. 2025 Dec 26. doi: 10.1002/vetr.70223. Online ahead of print.  
PMID: 41450168
2. [Trends in the global and Chinese burden of rabies from 1990 to 2021 and forecasted to 2040: evidence from the Global Burden of Disease study 2021.](#)  
Chen Q, Huang S, Shi L, Yang F, Zhang P, Ming D, Zhao J.  
BMC Infect Dis. 2025 Dec 25. doi: 10.1186/s12879-025-12425-w. Online ahead of print.  
PMID: 41449342
3. [α-Lipoic Acid Nanoparticles Functionalized with RVG29 Peptide Attenuate Seizure-Induced Neurotoxicity by Restoring Mitochondrial Homeostasis via the PINK1/Parkin Pathway.](#)  
Hou J, Hao L, Du W, Su Q, Xiong Q, Zhao W, Yang Z.  
Free Radic Biol Med. 2025 Dec 23:S0891-5849(25)01454-6. doi: 10.1016/j.freeradbiomed.2025.12.037. Online ahead of print.  
PMID: 41448258
4. [International multicentre study to validate the Segmental Sedimentation and Counting Technique \(SSCT\) for the surveillance of Echinococcus multilocularis in red fox.](#)  
Umhang G, Bastien F, Caillot C, Deksne G, Karamon J, Davidson R, Mateusa M, Samorek-Pieróg M, Santoro A, Santolamazza F, Beck R, O'Shaughnessy J, Berg RPKD, Jokelainen P, Lunden A, Maksimov P, Moks E, Isomursu M, Oksanen A, Tull A, Saarma U, Waap H, Casulli A, Boué F.  
Vet Parasitol. 2025 Dec 19;342:110678. doi: 10.1016/j.vetpar.2025.110678. Online ahead of print.  
PMID: 41448009
5. [Minimal risk of Rabies lyssavirus spillover from bats in Israel: findings from long-term surveillance.](#)  
Weinberg M, King R, Lapid R, Yakobson B, Eynigor M, Luo D, Giotis ES.

- Front Microbiol. 2025 Dec 8;16:1707522. doi: 10.3389/fmicb.2025.1707522. eCollection 2025.  
PMID: 41445951 **Free PMC article.**
6. [\[Expert consensus on the clinical application of anti-rabies virus monoclonal antibody \(2025 edition\)\]](#).  
Rabies Prevention and Control Committee of the Chinese Preventive Medicine Association; Animal Injury Treatment Branch of China Association for Disaster and Emergency Rescue Medicine.  
Zhonghua Liu Xing Bing Xue Za Zhi. 2025 Oct 10;46(10):1721-1730. doi: 10.3760/cma.j.cn112338-20250808-00568.  
PMID: 41443678 Chinese.
  7. [Needle replacement before subcutaneous vaccination in dogs: a randomized clinical trial finds no clinical benefit](#).  
Sagaser J, Jones J, Baird M, Statton D, Kreisler RE.  
J Am Vet Med Assoc. 2025 Dec 24;1-7. doi: 10.2460/javma.25.10.0661.  
Online ahead of print.  
PMID: 41442842
  8. [Proteomic and machine learning signatures of rabies virus infection reveal stage-specific biomarkers](#).  
Katz ISS, Fernandes ER, Guedes F, Ramos Silva S, Souza AP, Vuttha K, Iwai LK.  
J Neurovirol. 2025 Dec 24. doi: 10.1007/s13365-025-01294-3. Online ahead of print.  
PMID: 41441960
  9. [A Rabies Virus Nucleocapsid-like Nanostructure Vaccine Based on Dual-Cationic Lipid Nanoparticles](#).  
Zhang Z, Zhang J, Mu C, Ma K, Gao D, Liu C, Feng L, Peng X, Si J, Li H, Su Y, Zeng F, He L, Wang A, Zhou C, Zhang Z, Wang Y, Li Q, Li J, Zou S, Xing M, Li H, Sun M, Chang W, Yu X, Li J, Wang L, Li Y, Yi H, Zheng L, He F, Li Q.  
Vaccines (Basel). 2025 Nov 26;13(12):1196. doi: 10.3390/vaccines13121196.  
PMID: 41441663 **Free PMC article.**
  10. [A Novel, Safe, Non-Adjuvanted Alphavirus RNA Particle Vaccine Expressing the Rabies Virus Glycoprotein Induces a Three-Year Duration of Immunity in Dogs and Cats After a Single Vaccine Dose](#).  
Stachura K, Davis R, Carritt K, Mogler M, Xu Z, Tarpey I.  
Vaccines (Basel). 2025 Nov 21;13(12):1176. doi: 10.3390/vaccines13121176.  
PMID: 41441643 **Free PMC article.**
  11. [Public Awareness of Rabies and Post-Bite Practices in Makkah Region of Saudi Arabia: Cross-Sectional Study](#).  
Hariri NH, Alrougi KS, Almogbil AA, Kassar MH, Alharbi RG, Krenshi AO, Altayyar JM, Alibrahim AS, Alandiyjany MN, Bashal FB, Bawahab NS, Saleh SAK, Adly HM.

- Trop Med Infect Dis. 2025 Nov 29;10(12):337. doi: 10.3390/tropicalmed10120337.  
PMID: 41441575 **Free PMC article.**
12. [Proteome Profiling of Rabies-Infected and Uninfected Dog Brain Tissues, Cerebrospinal Fluids and Serum Samples.](#)  
Eze UU, Mokoena R, Ogbu KI, Dubazana S, Ngoepe EC, Munangatire M, Ezeokunkwo RC, Anene BM, Buthelezi SG, Sabeta CT.  
Proteomes. 2025 Dec 15;13(4):66. doi: 10.3390/proteomes13040066.  
PMID: 41441337 **Free PMC article.**
  13. [Animal Disease Burden in Nigeria, 2006-2023.](#)  
Al-Mustapha AI, Adetunji V, Ogundijo OA, Odetokun IA, Oyafajo L, Abali HW, Oyewo M, Abubakar AT, Muhammad SO, Adetunji DA, Odukoya A, Haruna A, Bamidele F, Elelu N, Fasina FO.  
Transbound Emerg Dis. 2025 Dec 22;2025:1694850. doi: 10.1155/tbed/1694850. eCollection 2025.  
PMID: 41438164 **Free PMC article.**
  14. [A SynB1-conjugated antibody cocktail crosses the blood-brain barrier to produce a therapeutic effect on rabies.](#)  
Ren Z, Wang C, Wang H, Wu Q, Hou Q, Qi X, He W, Zhang X, Wan J, Fu ZF, Zhou M, Zhao L.  
Proc Natl Acad Sci U S A. 2025 Dec 30;122(52):e2516465122. doi: 10.1073/pnas.2516465122. Epub 2025 Dec 23.  
PMID: 41433073
  15. [\[Epidemiological characteristics of population exposed to rabies in Tianjin, 2009-2024\].](#)  
Liu YF, Lyu J, Lu TT, Wu WS, Li L, Zhang Y.  
Zhonghua Liu Xing Bing Xue Za Zhi. 2025 Dec 10;46(12):2131-2136. doi: 10.3760/cma.j.cn112338-20250529-00359.  
PMID: 41429510 Chinese.
  16. [Transforming One Health in India: National Multisectoral Mixed Method Study on Prioritization of Zoonotic Diseases..](#)  
Tiwari S, Roy I, Daptardar M, Singh R, Mishra A, Kedia R, Bhat A, Manocha H, Dwivedi M, Dwivedi A, Shukla G, Shewale A, Nale T, Mishra D, Sharma RP, Garcia D, Gokhale RH, Desai M, Singh S.  
JMIR Public Health Surveill. 2025 Dec 22;11:e77850. doi: 10.2196/77850.  
PMID: 41429420
  17. [Global vaccination coverage and disease incidence in cattle, pigs, and poultry.](#)  
Gleason A, Impalli I, Sheen J, Cabezas Murillo A, Grenfell BT, Levin SA, Van Boeckel TP, Laxminarayan R.

Proc Natl Acad Sci U S A. 2025 Dec 30;122(52):e2515557122. doi: 10.1073/pnas.2515557122. Epub 2025 Dec 22.  
PMID: 41428885

18. [Dendritic Mesoporous UiO-66 as Nanoreactors for Dual-Mode Detection of the Rabies Virus Nucleoprotein Gene.](#)

Li J, Li T, Wang C, Bahlol HS, Zhang Y, Hu C, Yin Y, Wang W, Han H.  
Anal Chem. 2025 Dec 22. doi: 10.1021/acs.analchem.5c04750. Online ahead of print.  
PMID: 41427804

19. [A panel of five microsatellites as an alternative to mitogenome sequencing for investigating the genetic diversity of Echinococcus granulosus sensu stricto from global to farm scale.](#)

Umhang G, Bastid V, Rinaldi L, Pepe P, Ciccone E, Sotiraki S, Ligda P, Oudni-M'rad M, M'rad S, Lahmar S, Said Y, Elmehatli K, Ahmad H, Kuzmina T, Yevstafieva V, Aghayan SA, Gevorgyan H, Simsek S, Ponce-Gordo F, Benchikh El Fegoun MC, El Berbri I, Fihri OF, Saarma U, Grenouillet F, Boué F, Aguayo J.  
Infect Genet Evol. 2025 Dec 18:105868. doi: 10.1016/j.meegid.2025.105868. Online ahead of print.  
PMID: 41421571

20. [Comprehensive genomic analysis of rabies virus in India reveals distinct lineages and evolutionary stability.](#)

Varun CN, Chandel S, Kumar DK, Siddalingaiah N, Telang S, Bhalke PS, Isloor S, Reddy V, Ashwini MA, Mahadevan A, Mani RS.  
Virus Genes. 2025 Dec 19. doi: 10.1007/s11262-025-02212-9. Online ahead of print.  
PMID: 41419697

21. [Central amygdalar PKC \$\delta\$  neurons mediate fentanyl withdrawal.](#)

Wooldridge LM, Wu JWK, Jo AY, Zinn M, Lee AM, Mahmood M, Cohen SA, McCall NM, Oswell CS, Rogers SA, Corder G.  
Neuropsychopharmacology. 2025 Dec 19. doi: 10.1038/s41386-025-02298-7. Online ahead of print.  
PMID: 41419678

22. [Efficacy of ProC6C-AIOH/Matrix-M against Plasmodium falciparum infection and mosquito transmission: a phase 2, randomised, controlled human malaria infection study.](#)

Kone M, Plieskatt J, Thienta M, Kamate B, Ofori EA, Gmeiner M, Haidara B, Kanoute MB, Traore B, Poudiougou OA, Bayogo HS, Diarra I, Bengaly K, Zeguime A, Sylla D, Sacko A, Hoffman SL, McCall MBB, Theisen M, Sagara I; ProC6C Study Group.  
Lancet Infect Dis. 2025 Dec 16:S1473-3099(25)00664-4. doi: 10.1016/S1473-3099(25)00664-4. Online ahead of print.

PMID: 41418800

23. [Cats infected with H5N1 avian influenza - a new infectious disease in Poland.](#)  
Adaszek Ł, Domańska-Blicharz K, Jańczak D, Kalinowski M, Rypuła K, Płoneczka-Janeczko K, Skrzypczak M, Winiarczyk S.  
Pol J Vet Sci. 2025;28(4):683-689. doi: 10.24425/pjvs.2025.157284.  
PMID: 41416603    Review.

## TREMATODES ALIMENTAIRES

1. [Disability-adjusted life years of clonorchiasis in China: a high-resolution spatial analysis.](#)  
Qian MB, Wang L, Huang JL, Zhou CH, Zhu TJ, Zhou XN, Lai YS, Li SZ.  
Infect Dis Poverty. 2025 Dec 24;14(1):126. doi: 10.1186/s40249-025-01396-4.  
PMID: 41437397    **Free PMC article.**
2. [Ectopic Paragonimiasis Presenting as Massive Pericardial Effusion in a Child: A Rare Diagnostic Challenge.](#)  
Wang X, Wu J, Huang J, Zeng Y, Xu Z, Li C.  
Int J Infect Dis. 2025 Dec 18:108326. doi: 10.1016/j.ijid.2025.108326. Online ahead of print.  
PMID: 41421789

## TRYPANOSOMOSE

1. [Calcium dependence and biochemical characterization of metacaspase-3 from \*Trypanosoma cruzi\*.](#)  
Duarte ACM, de Oliveira VH, Costa JPMS, Trujilho MNR, de Souza Judice WA, Machado MFM.  
Biochim Biophys Acta Proteins Proteom. 2025 Dec 23:141122. doi: 10.1016/j.bbapap.2025.141122. Online ahead of print.  
PMID: 41448403
2. [Impacts of Cipargamin on Na<sup>+</sup>-ATPase and Osmoregulation of \*Trypanosoma cruzi\*.](#)  
Dick CF, Silva AACLBD, de-Souza-Silva A, Frechiani G, Barbosa-de-Barros J, Vieyra A, Meyer-Fernandes JR.  
Membranes (Basel). 2025 Nov 23;15(12):349. doi: 10.3390/membranes15120349.  
PMID: 41441052    **Free PMC article.**
3. [Targeted molecular screening for protozoan parasites in wild platypuses \(\*Ornithorhynchus anatinus\*\) and associated risk factors for infection.](#)  
Fernandes-Santos R, Whinfield J, Fulham M, Bino G, Hawke T, Vaughan-Higgins R, Vogelnest L, Warren KS, Power M.

Int J Parasitol Parasites Wildl. 2025 Nov 29;28:101172. doi: 10.1016/j.ijppaw.2025.101172. eCollection 2025 Dec.  
PMID: 41439036 **Free PMC article.**

4. [Bystander CD8<sup>+</sup> conventional memory versus virtual memory T cells in the initial days post-\*Trypanosoma cruzi\* infection.](#)

Viano ME, Baigorri RE, Bergero G, Aoki MP, Lidon NL, Teixeira MG, Herrera MR, Motran CC, Cerban FM, Stempin CC, Rodriguez-Galan MC.  
Front Immunol. 2025 Dec 8;16:1674964. doi: 10.3389/fimmu.2025.1674964. eCollection 2025.  
PMID: 41438743 **Free PMC article.**

5. [The efficacy and safety of benznidazole in adults with seropositive indeterminate form, \*Trypanosoma cruzi\* infection: a systematic review and meta-analysis.](#)

Trowell JW, Mitre E, Marcus R, Ahmed AE, Fuhrman BJ, Hickey PW.  
BMC Infect Dis. 2025 Dec 23. doi: 10.1186/s12879-025-12231-4. Online ahead of print.  
PMID: 41436958 No abstract available.

6. [Corrigendum to "The mitochondrial uncoupler 2,4-dinitrophenol modulates inflammatory and oxidative responses in \*Trypanosoma cruzi\* -induced acute myocarditis in mice" \[Cardiovascular Pathology 72 \(2024\) 107653\].](#)

Caetano-da-Silva JE, Gonçalves-Santos E, Domingues ELBC, Caldas IS, Lima GDA, Diniz LF, Gonçalves RV, Novaes RD.  
Cardiovasc Pathol. 2025 Dec 22;81:107806. doi: 10.1016/j.carpath.2025.107806. Online ahead of print.  
PMID: 41435610 No abstract available.

7. [Equine trypanosomiasis, a systematic review: Disease management.](#)

Raftery AG, Gummery L, Garcia K, Mohite D, Capewell P, Sutton D.  
Equine Vet J. 2025 Dec 22. doi: 10.1002/evj.70136. Online ahead of print.  
PMID: 41429593 Review.

8. [Modular Design of Mitochondrion-Targeted Iron Chelators Allows Highly Selective Antiparasitic Activity against Trypanosomes and Apicomplexan Parasites.](#)

Malych R, Bordat Y, Klanicová K, Arbon D, Zahedifard F, Šipková A, Drncová E, Levytska V, Mach J, Plutowski-Wrobel L, Machado M, Štursa J, Truksa J, Ganter M, Sojka D, Zoltner M, Besteiro S, Werner L, Sutak R.  
ACS Infect Dis. 2025 Dec 22. doi: 10.1021/acsinfecdis.5c00548. Online ahead of print.  
PMID: 41428959

9. [K-mer-based approach for serodiagnostic antigen discovery in Chagas disease using unassembled sequencing reads.](#)

Honorato NRM, de Almeida LV, Reis-Cunha JL, Fraga VG, Souza DM, Nunes RV, Ribeiro-Dias F, Ayala EV, Noble JA, Marques AF, Finn MG, Galvão LMDC, Bartholomeu DC.

PLoS Negl Trop Dis. 2025 Dec 22;19(12):e0013835. doi:

10.1371/journal.pntd.0013835. Online ahead of print.

PMID: 41428748

10. [Major differences in the dynamics of haematological and biochemical variables between trypanotolerant and susceptible cattle during Trypanosoma congolense infection.](#)  
Somé GF, Séré M, Chantal I, Somda MB, Dayo GK, Ouaré M, Sakandé H, Sempéré G, Thévenon S, Berthier-Teyssedre D.  
BMC Vet Res. 2025 Dec 20. doi: 10.1186/s12917-025-05235-4. Online ahead of print.  
PMID: 41422009
11. [TcGAPDH peptidic inhibitors derived from dinoponeratoxin M-PONTX-Dq4e with trypanocidal effect.](#)  
Magalhães EP, Lima DB, Edson EA, Silva BP, Marinho MM, Marinho ES, Oliveira VX Jr, Pessoa Bezerra de Menezes RRP, Martins AMC.  
Toxicon. 2025 Dec 18;271:108965. doi: 10.1016/j.toxicon.2025.108965.  
Online ahead of print.  
PMID: 41421647
12. [Influence of a hyperglycaemic diet on Trypanosoma cruzi infection in mice modelFIRST REVIEW ROUND - REVIEWERS COMMENTSAUTHORS RESPONSE TO REVIEWERSREVIEWERS COMMENTSREVIEWERS COMMENTS.](#)  
das Mercês AC, Marques FS, Martins BT, Moreira GJL, Roatt BM, Carneiro CM, Paula-Gomes S, do Amaral JF, Vieira PMA.  
Mem Inst Oswaldo Cruz. 2025 Dec 15;120:e250092. doi: 10.1590/0074-02760250092. eCollection 2025.  
PMID: 41417356 **Free PMC article.**
13. [Breaking the ice - simplified freeze-fracture of parasitic protists: a cost-effective approach without highly specialised equipment.](#)  
Attias M, Pacheco LODS, Ortiz SFDN, Verdán R, Miranda K, Gadelha AP, de Souza W, Benchimol M.  
Mem Inst Oswaldo Cruz. 2025 Dec 15;120:e250060. doi: 10.1590/0074-02760250060. eCollection 2025.  
PMID: 41417353 **Free PMC article.**
14. [Cyclic AMP compartmentalization drives signal specificity to control vector colonization and mammalian host infection by American trypanosomes.](#)  
Ahmed M, Carlson J, Das A, Hoque SF, Benoit JB, Chiurillo MA, Lander N.  
bioRxiv [Preprint]. 2025 Dec 8:2025.12.04.692279. doi:  
10.64898/2025.12.04.692279.

## DENGUE ZIKA CHIKUNGUNYA

1. [Molecular epidemiology and evolutionary trends of dengue virus serotype-2 strains in Sri Lanka.](#)  
Ariyaratne D, Jayadas TTP, Jeewandara C, Senadheera B, De Silva M, Gomes L, Bary F, Syenina A, Ranasinghe D, Kuruppu H, Wijewickrama A, Ooi EE, Malavige GN.  
BMC Microbiol. 2025 Dec 26. doi: 10.1186/s12866-025-04584-2. Online ahead of print.  
PMID: 41449326 No abstract available.
2. [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. doi: 10.1038/s41598-025-32816-y. Online ahead of print.  
PMID: 41449204
3. [Fragment-based discovery and optimization of Zika virus NS3 helicase ligands as antiviral hit candidates.](#)  
Vidal HDA, Mesquita NCMR, Bernardes ACB, Mourão PS, Monteiro JL, Morao LG, Dolci I, Fernandes RS, Oliva G, Guido RVC, Corrêa AG.  
Eur J Med Chem. 2025 Dec 20;304:118521. doi: 10.1016/j.ejmech.2025.118521. Online ahead of print.  
PMID: 41448050
4. [Chikungunya virus non-structural protein 2 \(nsP2\) inhibits RIG-I and TLR-mediated immune response.](#)  
Raj S, Irfan M, Ranjith-Kumar CT.  
Virology. 2025 Dec 22;616:110777. doi: 10.1016/j.virol.2025.110777. Online ahead of print.  
PMID: 41447922
5. [Variations in annual dengue intensities are explained by temperature anomalies.](#)  
Porzucek AJ, Lopes R, Chew YT, Li K, Brady OJ, Warren JL, Carlson CJ, Weinberger D, Grubaugh ND.  
medRxiv [Preprint]. 2025 Dec 21:2025.12.19.25342670. doi: 10.64898/2025.12.19.25342670.  
PMID: 41445602 **Free PMC article.** Preprint.
6. [A novel potent autophagy inhibitor HM-013 limits production of infectious dengue virus particles.](#)

- Limthongkul J, Attanonchai S, Yodweerapong T, Simanurak O, Tubsuwan A, Kanjanasirirat P, Khumpanied T, Jamnongsong S, Sampattavanich S, Ubol S, Borwornpinyo S, Ploypradith P, Ponpuak M.  
Virology. 2025 Dec 24. doi: 10.1186/s12985-025-03053-6. Online ahead of print.  
PMID: 41444907
7. [Tracking pyrethroid resistance in arbovirus mosquito vectors: mutations I1532T and F1534C in Aedes albopictus across Europe.](#)  
Pichler V, Valadas V, Akiner MM, Balatsos G, Barceló C, Borg ML, Bouyer J, Bravo-Barriga D, Bueno R, Caputo B, Collantes F, Delacour-Estrella S, Velo E, Falcuta E, Flacio E, García-Pérez AL, Gómez JF, Horvath C, Adam K, Kadriaj P, Kavran M, L'Ambert G, Lia RP, Marabuto E, Medialdea-Carrera R, Melero-Alcibar R, Michaelakis A, Mihalca AD, Micocci M, Mikov O, Miranda MA, Müller P, Ornosá C, Outerelo R, Otranto D, Pajovic I, Pérez-Tris J, Petric D, Rebelo MT, Besnard G, Rogozi E, Tello A, Vázquez Á, Vasquez M, Zitko T, Schaffner F, Della Torre A, Pinto J.  
Parasit Vectors. 2025 Dec 24;18(1):506. doi: 10.1186/s13071-025-07130-1.  
PMID: 41444593
  8. [Monodentate Phosphine Modulation in Cyclometallated Platinum\(II\) Complexes for Antileishmanial, Antiviral, and Antitumor Applications.](#)  
de Oliveira-Neto AA, Clauss G, Castro J, Garcia MSA, Cassani NM, Sandim BC, Oliveira ALC, Reyes SPB, da Silva NNP, Rocha FV, Jardim ACG, Miguel DC, Abbehausen C.  
ChemMedChem. 2025 Dec 24:e202500782. doi: 10.1002/cmdc.202500782.  
Online ahead of print.  
PMID: 41443267
  9. [Engineered dengue virus NS1 mRNA-lipid nanoparticle induces therapeutic IgG production that lacks autoantibody activity and neutralizes NS1 entry in liver cells.](#)  
Das S, Begum F, Ghora S, Ray U.  
Vaccine. 2025 Dec 23;73:128147. doi: 10.1016/j.vaccine.2025.128147. Online ahead of print.  
PMID: 41442864
  10. [Optimizing Humoral Immunity for Durable and Broad Protection in Flavivirus Vaccines.](#)  
Park JY, Lee HM.  
Vaccines (Basel). 2025 Nov 21;13(12):1182. doi: 10.3390/vaccines13121182.  
PMID: 41441649 **Free PMC article.** Review.
  11. [Vaccine Hesitancy Toward Dengue Immunization Among Indonesian Office Workers: A Cross-Sectional Study of Perceptions, Barriers, and Trust Factors.](#)

- Santi T, Ridwansyah R, Sungono V, Widjaya N, Euqenekim KN, Prianyanta C, Hadinegoro SRS, Setiabudiawan B, Jo J.  
Vaccines (Basel). 2025 Nov 21;13(12):1178. doi: 10.3390/vaccines13121178.  
PMID: 41441648 **Free PMC article.**
12. [Modeling Outbreak Prediction and the Impact of Emergency Vaccination on the 2024-2025 Chikungunya Outbreak in La Réunion.](#)  
Boer M, Vondeling GT, Plennevaux E, de Roo AM.  
Vaccines (Basel). 2025 Nov 21;13(12):1181. doi: 10.3390/vaccines13121181.  
PMID: 41441647 **Free PMC article.**
13. [The Tolerability of the Dengue Vaccine TAK-003 \(Qdenga®\) in German Travelers: The Results of a Prospective Survey.](#)  
Jelinek T, Kramm J, Wagner M, Jelinek C.  
Trop Med Infect Dis. 2025 Dec 16;10(12):352. doi:  
10.3390/tropicalmed10120352.  
PMID: 41441588 **Free PMC article.**
14. [Serologic Evidence of Circulation of Six Arboviruses \(Dengue Virus, Chikungunya Virus, Zika Virus, Rift Valley Virus, Yellow Fever Virus, Crimean-Congo Hemorrhagic Fever Virus\) in Four Regions of Burkina Faso, West Africa.](#)  
Sanou AM, Nikiéma AS, Sausy A, Diendéré J, Ouattara MNG, Badiel ABS, Bonkougou I, Ouédraogo HG, Hübschen JM.  
Trop Med Infect Dis. 2025 Dec 9;10(12):345. doi:  
10.3390/tropicalmed10120345.  
PMID: 41441581 **Free PMC article.**
15. [Dengue and Acute Pancreatitis: A Systematic Review.](#)  
Riccò M, Cascio A, Pipitò L, Bottazzoli M, Manzoni P, Brandolisio LR, Nobili C, Giuri PG.  
Trop Med Infect Dis. 2025 Nov 24;10(12):330. doi:  
10.3390/tropicalmed10120330.  
PMID: 41441569 **Free PMC article.** Review.
16. [Epidemiological Trends and Predictive Modeling of Dengue Fever in the Association of Southeast Asian Nations \(ASEAN\) Countries.](#)  
Ren Q, Li R, Liu X, Hao W, Zhou X, Liu M, Zhang H, Feng X, Li X, Zhao Z, Hu W, Zhang J, Xin Z.  
Trop Med Infect Dis. 2025 Nov 24;10(12):329. doi:  
10.3390/tropicalmed10120329.  
PMID: 41441568 **Free PMC article.**
17. [An Improved Dengue Virus Serotype-Specific Non-Structural Protein 1 Capture Immunochromatography Method with Reduced Sample Volume.](#)  
Sretapunya W, Buranachat T, Prasomthong M, Tantikorn R, Sa-Ngarsang A, Naemkhunthot S, Meephaendee L, Wongjaroen P, Tanaka C, Shimadzu Y,

- Ogata K, Kaihatsu K, Morita R, Shirano M, Phadungsombat J, Sasaki T, Kubota-Koketsu R, Samune Y, Nakayama EE, Shioda T. *Biosensors (Basel)*. 2025 Dec 7;15(12):802. doi: 10.3390/bios15120802. PMID: 41440283 **Free PMC article.**
18. [An ultrapotent human antibody neutralizes all maturation states of Zika virus.](#)  
Shu B, Ng TS, Lim XN, Zhang S, Kostyuchenko VA, Fibriansah G, McElvany BD, Chew VS, de Silva AM, Diehl SA, Lok SM. *Proc Natl Acad Sci U S A*. 2025 Dec 30;122(52):e2502522122. doi: 10.1073/pnas.2502522122. Epub 2025 Dec 24. PMID: 41439713
19. [Oropouche fever: Clinical characteristics and viral-bacterial coinfections in a region of the Peruvian Amazon: A cross-sectional study.](#)  
Silva-Caso W, Pérez-Lazo G, Aguilar-Luis MA, Aquino-Ortega R, Tarazona-Castro Y, Soto-Febres F, Del Valle LJ, Bazalar-Gonzales J, Chung-Delgado K, Ramírez IM, Alcedo S, Sandoval R, Del Valle-Mendoza J. *IJID Reg*. 2025 Nov 12;17:100802. doi: 10.1016/j.ijregi.2025.100802. eCollection 2025 Dec. PMID: 41438624 **Free PMC article.**
20. [Stochastic dynamics of Chikungunya virus infection model incorporating general incidence rate and immune responses.](#)  
Ma J, Wang Y. *Infect Dis Model*. 2025 Nov 19;11(2):438-476. doi: 10.1016/j.idm.2025.11.007. eCollection 2026 Jun. PMID: 41438606 **Free PMC article.**
21. [The impact of large-scale release of \*Wolbachia\* mosquitoes on dengue incidence in Campo Grande, Brazil: an ecological study.](#)  
de Morais Batista F, Carcamo PM, Nelson E, da Silva Neto AB, Tsuha DH, Lahdo V, Dos Santos VR, Ribeiro GS, da Silva Lopes R, Amadeu P, Ferreira Mendes Blanco MV, da Costa TR, de Melo Chalegre KD, Riback TIS, da Silva CC, Ranzani OT, Cummings DAT, Andrews JR, Ko AI, Hitchings MDT, Anders KL, Moreira LA, Maymone Gonçalves CC, Croda J. *Lancet Reg Health Am*. 2025 Dec 2;54:101327. doi: 10.1016/j.lana.2025.101327. eCollection 2026 Feb. PMID: 41438239 **Free PMC article.**
22. [Detection of Anti-Orthohantavirus Antibodies in Febrile Patients in India.](#)  
Chandy S, Chandra RS, Sharma D, Goyal G, Das T, Martynova E, Kabwe E, Rizvanov A, Khaiboullina S, Baranwal M. *Microbiol Immunol*. 2025 Dec 24. doi: 10.1111/1348-0421.70036. Online ahead of print. PMID: 41437794

23. [Determination of dengue high-risk areas in the Philippines: a kernel density estimation, inverse distance weighting, and ecological niche modeling.](#)  
Olana KOA, Thongprachum A, Poprom N, Li W, Punyapornwithaya V.  
Parasit Vectors. 2025 Dec 23. doi: 10.1186/s13071-025-07200-4. Online ahead of print.  
PMID: 41437129
24. [Correction: Comparative analysis of phytochemicals and repurposed drugs against dengue virus serotypes employing an in silico study.](#)  
Vats P, Rolta R, Salaria D, Sharma I, Verma A, Fadare OA, Verma M.  
Sci Rep. 2025 Dec 23;15(1):44405. doi: 10.1038/s41598-025-32110-x.  
PMID: 41436756 **Free PMC article.** No abstract available.
25. [Spatial pattern assessment of Aedes mosquito bite risk in a subtropical metropolitan area: A case study in Shenzhen.](#)  
Lin L, He Y, Guang X, Xiang L, Kong D, Diao K, Wang H, Zhu B.  
PLoS Negl Trop Dis. 2025 Dec 23;19(12):e0013843. doi: 10.1371/journal.pntd.0013843. eCollection 2025 Dec.  
PMID: 41433339 **Free PMC article.**
26. [Wolbachia as a transformative tool for mosquito-borne disease control: a comprehensive review of mechanisms, efficacy, and future directions.](#)  
Minaei ME, Yousefi Nojookambari N, Ghodraty M, Yazdansetad S.  
Pathog Glob Health. 2025 Dec 23:1-11. doi: 10.1080/20477724.2025.2604222. Online ahead of print.  
PMID: 41432350 **Review.**
27. [In vitro Control of RNA Virus Infections by M1-Polarized Human Monocyte-Derived Macrophages.](#)  
Abisi HK, Ghezzi S, Pagani I, Vicenzi E, Poli G.  
New Microbiol. 2025 Dec;48(4):287-292.  
PMID: 41431761 **Review.**
28. [What We Miss in Patients With Persistent Thrombocytopenia During the Dengue Season.](#)  
Bisht A, Joshi R, Sama S, Rawat A.  
Cureus. 2025 Nov 19;17(11):e97273. doi: 10.7759/cureus.97273. eCollection 2025 Nov.  
PMID: 41431541 **Free PMC article.**
29. [Mechanistic Insights Into the Inhibition of Dengue Virus NS5 Methyltransferase by Herbacetin.](#)  
Bhutkar M, Verma S, Singh V, Kumar P, Tomar S.  
Proteins. 2025 Dec 22. doi: 10.1002/prot.70108. Online ahead of print.  
PMID: 41431129

30. [Leveraging explainable artificial intelligence and spatial analysis for communicable diseases in Asia \(2000-2022\) based on health, climate, and socioeconomic factors.](#)  
Rahman MS, Shiddik MAB.  
Int J Health Geogr. 2025 Dec 22;24(1):45. doi: 10.1186/s12942-025-00433-7.  
PMID: 41430606 **Free PMC article.**
31. [Analysis of a household-scale model for the invasion of Wolbachia into a resident mosquito population.](#)  
Barlow A, Penington S, Adams B.  
J Math Biol. 2025 Dec 22;92(1):18. doi: 10.1007/s00285-025-02332-8.  
PMID: 41430507 **Free PMC article.**
32. [Validation of China's 2025 high-risk criteria in RT-PCR-confirmed chikungunya inpatients: a single-centre retrospective cohort.](#)  
Yang S, Wan Z, Zhan L, Zhang H, Lin Y, Weng Z, Wang X, Su Z, Yu X.  
BMC Infect Dis. 2025 Dec 22. doi: 10.1186/s12879-025-12421-0. Online ahead of print.  
PMID: 41430132 No abstract available.
33. [AedesTraits: A global dataset of temperature-dependent trait responses in Aedes mosquitoes.](#)  
Da Re D, Andreo V, San Miguel TV, Blaha M, Rosà R, Rizzoli A, Harrison J, Sorek S, Johnson LR, Huxley PJ.  
Sci Data. 2025 Dec 22. doi: 10.1038/s41597-025-06461-z. Online ahead of print.  
PMID: 41429807
34. [Responses of vector and non-vector mosquito communities to a gradient of native forest cover loss in the Cerrado hotspot, Brazil.](#)  
Arcos AN, Soares PT, da Silva Ferreira FA, Valente-Neto F, Tadei WP, de Oliveira Roque F.  
Sci Rep. 2025 Dec 22;15(1):44523. doi: 10.1038/s41598-025-28034-1.  
PMID: 41429801 **Free PMC article.**
35. [Rational design of flavivirus E protein vaccine optimizes immunogenicity and mitigates antibody dependent enhancement risk.](#)  
Wang Y, Galkin A, Shang X, Marin A, Jin S, Ye TJ, Bale S, Chiang CI, Chowdhury A, Chenine AL, Turonis A, Greenhouse J, Stone R, Wear J, Kar S, Andersen H, Huang YS, Vanlandingham DL, Higgs S, Lapidus RG, Fuerst T, Weber DJ, Wyatt RT, Iffland C, Pierson TC, Andrianov AK, Pozharski E, Li Y.  
Nat Commun. 2025 Dec 22. doi: 10.1038/s41467-025-67447-4. Online ahead of print.  
PMID: 41429771
36. [\[Epidemiological characteristics and trends of indigenous dengue fever cases in the elderly in Guangdong Province, 2015-2023\].](#)

- Zhou Y, Qi YX, Zhang M, Yang YW, Luo M, Tan XH.  
Zhonghua Liu Xing Bing Xue Za Zhi. 2025 Dec 10;46(12):2137-2144. doi:  
10.3760/cma.j.cn112338-20250619-00413.  
PMID: 41429511 Chinese.
37. [Transforming One Health in India: National Multisectoral Mixed Method Study on Prioritization of Zoonotic Diseases.](#)  
Tiwari S, Roy I, Daptardar M, Singh R, Mishra A, Kedia R, Bhat A, Manocha H, Dwivedi M, Dwivedi A, Shukla G, Shewale A, Nale T, Mishra D, Sharma RP, Garcia D, Gokhale RH, Desai M, Singh S.  
JMIR Public Health Surveill. 2025 Dec 22;11:e77850. doi: 10.2196/77850.  
PMID: 41429420
38. [Binding investigation of non-toxic compounds from plant-based repellents targeting Aedes aegypti odorant-binding protein 1 using molecular dynamics simulations and density functional theory.](#)  
Chockchowwat W, Chimprasit A, Karpkird T, Hannongbua S, Saparpakorn P.  
Microb Pathog. 2025 Dec 20;211:108258. doi:  
10.1016/j.micpath.2025.108258. Online ahead of print.  
PMID: 41429362
39. [Inhibition of Zika Virus Protease by Modulating NS2B-NS3 Interactions.](#)  
Smith AJ, Rahat MA, Scaramozza LJ, Eyles SJ, Hardy JA.  
Biochemistry. 2025 Dec 22. doi: 10.1021/acs.biochem.5c00644. Online ahead  
of print.  
PMID: 41428810
40. [\[Presence of Aedes aegypti in a high altitude area in Bolivia\].](#)  
Rios-Escalier C, Rosas-Díaz N, Delgadillo-Iglesias MLÁ, Solís-Soto MT.  
Rev Fac Cien Med Univ Nac Cordoba. 2025 Dec 22;82(4):772-788. doi:  
10.31053/1853.0605.v82.n4.48776.  
PMID: 41428781 Spanish.
41. [Understanding the social determinants of Aedes-borne diseases in Iran: A qualitative exploration of challenges and policy solutions.](#)  
Mohamadi E, Jafarzadeh J, Mohamadi F, Mostafavi H, Bakhtiari A, Moradi G, Sargolzaei Moghaddam M, Mobinizadeh M, Yaftian F, Ghanbarnejad A, Mozafari M, Homaie Rad E, Sheykh Noori E, Najafi M, Takian A, Olyaeemanesh A.  
PLoS Negl Trop Dis. 2025 Dec 22;19(12):e0013850. doi:  
10.1371/journal.pntd.0013850. Online ahead of print.  
PMID: 41428764
42. [Insecticide resistance levels, spatial distribution, and kdr mutations in the dengue vector Aedes albopictus of Hong Kong.](#)  
Han S, Miot EF, Liao Y, Khan MA, Rivot M, Tang LT, Zeb J, Szeto KM, Ching L, Li TH, Huang X, Barlow BEL, Marcombe S, Lam TT.

- PLoS Negl Trop Dis. 2025 Dec 22;19(12):e0013792. doi: 10.1371/journal.pntd.0013792. eCollection 2025 Dec. PMID: 41428707 **Free PMC article.**
43. [Failure of pyriproxyfen at recommended application frequency and doses to control Aedes mosquitoes in Thailand.](#)  
Phanichat T, Corbel V, Fustec B, Pientong C, Thaewnongiew K, Alexander N, Overgaard HJ.  
PLoS Negl Trop Dis. 2025 Dec 22;19(12):e0013042. doi: 10.1371/journal.pntd.0013042. eCollection 2025 Dec. PMID: 41428693 **Free PMC article.**
44. [Transposable elements in the transcriptome of Aedes \(Stegomyia\) aegypti \(Linnaeus, 1762\).](#)  
Pezenti LF, Dionisio JF, Lopes TBF, de Souza RF, Palacio-Cortés AM, da Silva MAN, Zequi JAC, da Rosa R.  
Med Vet Entomol. 2025 Dec 22. doi: 10.1111/mve.70040. Online ahead of print. PMID: 41427870
45. [Dengue fever maculopathy: case report and brief review.](#)  
Gameiro Filho AR, Odorcik WG, Garcia MHR, Novello MB, da Costa DS.  
GMS Ophthalmol Cases. 2025 Dec 5;15:Doc15. doi: 10.3205/oc000263. eCollection 2025. PMID: 41427449 **Free PMC article.**
46. [Image-based morphological profiling of autophagy phenotypes in Zika virus infected cells.](#)  
Adia NAB, Shah PS.  
bioRxiv [Preprint]. 2025 Dec 11:2025.12.09.693313. doi: 10.64898/2025.12.09.693313. PMID: 41427343 **Free PMC article.** Preprint.
47. [evo3D: a generalised framework for structure-informed evolutionary analysis, implemented in R.](#)  
Broyles BK, He Q.  
bioRxiv [Preprint]. 2025 Dec 14:2025.12.12.694041. doi: 10.64898/2025.12.12.694041. PMID: 41427332 **Free PMC article.** Preprint.
48. [Bioactive Flavanone Glycoside Isolated from Leaves of Faramea Species Presents Antiviral and Protective Activity against Zika and Mayaro Virus Infection.](#)  
Guimarães-Andrade IP, Barboza RS, da Silva MOL, da Conceição RA, de Albuquerque NC, Gavino-Leopoldino D, Neris RLS, de Souza AMT, Valente LMM, Assunção-Miranda I.

- ACS Omega. 2025 Dec 3;10(49):60196-60204. doi: 10.1021/acsomega.5c06047. eCollection 2025 Dec 16. PMID: 41427229 **Free PMC article.**
49. [Assessment of Hairpin-Functionalization of Gold Nanoparticles toward a Facile Detection of Zika Virus and Lineage Identification.](#)  
Robin P, Gerber-Lemaire S.  
ACS Omega. 2025 Dec 5;10(49):60900-60911. doi: 10.1021/acsomega.5c09715. eCollection 2025 Dec 16. PMID: 41427214 **Free PMC article.**
50. [Preliminary survey of dengue, Zika and chikungunya viruses by nucleic acid test in blood donors in Shenzhen, China.](#)  
Zheng X, Yan X, Xu X, Heng L, Cui X, Wu L, Li R, Wu L, Chen L, Zeng J.  
Front Public Health. 2025 Dec 5;13:1672814. doi: 10.3389/fpubh.2025.1672814. eCollection 2025. PMID: 41426686 **Free PMC article.**
51. [Spatial Analysis on Dengue Fever Vulnerability in the Provinces of South Sulawesi and East Nusa Tenggara in Indonesia.](#)  
Haryanto B, Dwirahmadi F, Nurlambang T, Asyary A.  
Ann Glob Health. 2025 Dec 15;91(1):86. doi: 10.5334/aogh.4915. eCollection 2025. PMID: 41426075 **Free PMC article.**
52. [Dengue virus infection and Guillain-Barré syndrome: a systematic review of clinical characteristics, outcomes, and predictors of severity.](#)  
Effiong MG, Yakubu AO, Lawal FI, Ojoh UH, Adeniyi TO.  
BMC Infect Dis. 2025 Dec 20. doi: 10.1186/s12879-025-12428-7. Online ahead of print. PMID: 41421983 No abstract available.
53. [Eupatorium perfoliatum Counteracts TNF- \$\alpha\$  Mediated Pathogenesis in Chikungunya Virus Infection.](#)  
Sarkar A, Roy A, Ghorai T, Bhowmick B, Maity M, Chandra P, Nayak D, Kaushik S, Das S.  
Appl Biochem Biotechnol. 2025 Dec 20. doi: 10.1007/s12010-025-05472-1. Online ahead of print. PMID: 41420797
54. [Systematic Evaluation of Utility and Usability of Publicly Available Mobile Apps for the Early Detection and Monitoring of Infectious Diseases.](#)  
Kalyar F, Gurdasani D, MacIntyre CR, Chughtai AA.  
J Med Syst. 2025 Dec 20;49(1):185. doi: 10.1007/s10916-025-02266-0. PMID: 41420766
55. [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. doi: 10.1038/s41598-025-32398-9. Online ahead of print.  
PMID: 41419997
56. [Genomic characterization and evolutionary analysis of Chikungunya virus strains in Guangzhou, China, 2025.](#)  
Zhang Y, Zhuo Z, Huang Y, Zhong X, Mo X, Li L, Chen Q. *Virol J.* 2025 Dec 19. doi: 10.1186/s12985-025-03051-8. Online ahead of print.  
PMID: 41419926
57. [Identifying high-risk subdistricts for targeted dengue interventions: a spatio-temporal study in Mueang Chonburi district, Thailand, 2011-2020.](#)  
Rattananen M, Sahavechaphan N, Areechokchai D. *BMC Public Health.* 2025 Dec 19. doi: 10.1186/s12889-025-25952-7. Online ahead of print.  
PMID: 41419848
58. [Seaweed-Derived Nanoparticles for Mosquito Control: An Eco-Nanotechnology Approach.](#)  
Annamalai A. *Exp Parasitol.* 2025 Dec 17:109084. doi: 10.1016/j.exppara.2025.109084. Online ahead of print.  
PMID: 41419166
59. [Targeting Yellow-Fever Virus: Development of a specific aptamer to NS1 protein.](#)  
de Melo MIA, Miranda AND, de Andrade ASR. *J Virol Methods.* 2025 Dec 17:115330. doi: 10.1016/j.jviromet.2025.115330. Online ahead of print.  
PMID: 41419059
60. [Environmental factors associated with microcephaly in Africa: A systematic review.](#)  
Izabayo P, Hakizimana JC, Uwineza A, Alagbonsi AI. *Neurotoxicol Teratol.* 2025 Dec 17;113:107577. doi: 10.1016/j.ntt.2025.107577. Online ahead of print.  
PMID: 41419017     Review.
61. [Dengue serotypes and epidemic dynamics in Brazil: a spatiotemporal perspective.](#)  
Lorenz C, Lemey P, Dellicour S. *Travel Med Infect Dis.* 2025 Dec 17;69:102948. doi: 10.1016/j.tmaid.2025.102948. Online ahead of print.

PMID: 41418842

62. [Post dengue Purtscher-like retinopathy: a case report.](#)  
Azhar Z, Yasir MU, Arshad A, Raza Awan MA, Ali R, Rehman A.  
J Pak Med Assoc. 2025 Dec;75(12):1970-1975. doi: 10.47391/JPMA.25-22331.  
PMID: 41418253
63. [The role of Vitamin D in management of the Dengue fever.](#)  
Manan A, Rauf A, Batool A.  
J Pak Med Assoc. 2025 Nov;75(11):1834. doi: 10.47391/JPMA.30496.  
PMID: 41418137 No abstract available.
64. [Functional dynamics between resident transcriptionally active microbes \(TAMs\) and host genes underlie Dengue severity.](#)  
Kumari P, Devi P, Banerjee B, Tarai B, Budhiraja S, Sethi TP, Pandey R.  
PLoS Negl Trop Dis. 2025 Dec 19;19(12):e0013836. doi: 10.1371/journal.pntd.0013836. eCollection 2025 Dec.  
PMID: 41417796 **Free PMC article.**
65. [Cytokine Profile in Women Affected by Chikungunya: Analysis of a Prospective Cohort in Northeastern Brazil.](#)  
Silva TDN, Leal ARSN, Barreto FKA, Farias LABG, Almeida LM, Gondim RNDG, Clementino MAF, Teixeira EH, Rêgo MJB, Siqueira A, Yaochite JNU, Cavalcanti LPG.  
Rev Soc Bras Med Trop. 2025 Dec 15;58:e03172025. doi: 10.1590/0037-8682-0317-2025. eCollection 2025.  
PMID: 41417343 **Free PMC article.**
66. [Neonatal outcomes associated with maternal arbovirus infection \(dengue, Zika, and chikungunya\) among pregnant women with obstetric complications in Brazil: a cross-sectional study.](#)  
Albuquerque GDM, Jacques IJAA, Castanha PMDS, Sena MA, Guimarães ABG, Katz L, Braga C, Montarroyos UR.  
Rev Soc Bras Med Trop. 2025 Dec 15;58:e01762025. doi: 10.1590/0037-8682-0176-2025. eCollection 2025.  
PMID: 41417340 **Free PMC article.**
67. [Chikungunya clusters in the state of Bahia: influence of environmental and social factors.](#)  
Sant Anna MW, Palasio RGS, Lacerda AB, Ferreira ML, Chiaravalloti-Neto F, Dalmas FB, Côrtes PL.  
Rev Soc Bras Med Trop. 2025 Dec 12;58:e03212025. doi: 10.1590/0037-8682-0321-2025. eCollection 2025.  
PMID: 41417302 **Free PMC article.**
68. [Extracellular vesicles: the double-edged sword in viral infections.](#)  
Kumari S, Banerjee A.

- mBio. 2025 Dec 19:e0331625. doi: 10.1128/mbio.03316-25. Online ahead of print.  
PMID: 41416803    Review.
69. [CRISPR-Cas13a SHERLOCK assay for rapid and sensitive detection of chikungunya virus.](#)  
Athipanyasilp N, Saowpak S, Chaimayo C, Angkasekwinai N, Pattama A, Athipanyasilp A, Patchesung M, Aphicho K, Uttamapinant C, Horthongkham N. Microbiol Spectr. 2025 Dec 19:e0229825. doi: 10.1128/spectrum.02298-25. Online ahead of print.  
PMID: 41416796
70. [Unravelling Electronic Structure and Molecular Vibrations of Proteins in Virus Using Novel Correlated Plasmon-Enhanced Raman Spectroscopy With Machine Learning.](#)  
Kamboj V, Ho S, Idris F, Ting DHR, Sanuh KBK, Alonso S, Tok ES, Rusydi A. Small. 2025 Dec 19:e06967. doi: 10.1002/smll.202506967. Online ahead of print.  
PMID: 41416496
71. [A Case of Severe Dengue With Hemophagocytic Lymphohistiocytosis \(HLH\) Successfully Managed With Tocilizumab and Dexamethasone.](#)  
Wedasingha S, Wijerathna I, Herath P, Amarasena A, Senanayake H. Cureus. 2025 Nov 17;17(11):e97054. doi: 10.7759/cureus.97054. eCollection 2025 Nov.  
PMID: 41416341    **Free PMC article.**
72. [An ECSA-lineage chikungunya outbreak in Foshan, China: age-stratified clinical and virological profiles.](#)  
Wang Z, Hong Z, Chen J, Wang J, Liang W, Wang J, Zhang C, Hu Z, Shen Q, Zhang Y, Wei S, Li B, Shu X, He Z, Lin B. Emerg Microbes Infect. 2026 Dec;15(1):2602308. doi: 10.1080/22221751.2025.2602308. Epub 2025 Dec 23.  
PMID: 41362159
73. [Targeting Chikungunya virus entry: Enantiomeric separation, synthesis of derivatives, and structure-activity relationship of E1-E2 envelope glycoprotein inhibitors.](#)  
Fidalgo DM, Castro E, Mazzeo A, Vazquez TJB, Battini L, Vladimir D, Tejerina Cibello M, Gallo FN, Rey MA, Thannickal SA, Spector SN, Di Salvo F, Monge ME, Stapleford KA, Alvarez DE, Bollini M. Eur J Med Chem. 2026 Feb 5;303:118427. doi: 10.1016/j.ejmech.2025.118427. Epub 2025 Nov 30.  
PMID: 41338138
74. [Phenotypic spectrum, etiology and outcomes of infection-related movement disorders: An observational cohort study.](#)

- Garg D, Makharia A, Agarwal A, Mustafa F, Radhakrishnan DM, Rajan R, Srivastava AK.  
Parkinsonism Relat Disord. 2026 Jan;142:108135. doi: 10.1016/j.parkreldis.2025.108135. Epub 2025 Nov 29.  
PMID: 41330133
75. [Exploring advanced methodologies for NS5 methyltransferase targeted drug discovery.](#)  
Otava T, Drexler M, Krafčíková P, Chalupská D, Chalupský K, Veverka V, Boura E, Nencka R.  
Eur J Med Chem. 2026 Feb 5;303:118388. doi: 10.1016/j.ejmech.2025.118388. Epub 2025 Nov 24.  
PMID: 41319541
76. [Between- and within-host mutation of dengue virus.](#)  
Maduranga S, Valencia BM, Sigera C, Weeratunga P, Fernando D, Rajapakse S, Rapadas M, Deveson IW, Lloyd AR, Bull R, Rodrigo C.  
Virology. 2026 Feb;615:110750. doi: 10.1016/j.virol.2025.110750. Epub 2025 Nov 25.  
PMID: 41317583
77. [Distinct roles of glyocalyx components in regulating endothelial functions in a perfused three-dimensional human endothelium-on-a-chip.](#)  
Tanawattanasuntorn T, Phungsom A, Muta K, Lokakaew J, Chotiwan N, Ketsawatsomkron P.  
Am J Physiol Cell Physiol. 2026 Jan 1;330(1):C129-C141. doi: 10.1152/ajpcell.00191.2025. Epub 2025 Nov 24.  
PMID: 41285157
78. [Climate variation and serotype competition drive dengue outbreak dynamics in Singapore.](#)  
Finch E, Chang CC, Kucharski A, Sim S, Ng LC, Lowe R.  
Nat Commun. 2025 Nov 22;16(1):11364. doi: 10.1038/s41467-025-66411-6.  
PMID: 41274877 **Free PMC article.**
79. [ZIKV infection causes placental inflammation through activating PANoptosis.](#)  
Zhang S, Chen D, Zhang K, Liu M, Liang H, Liang L, Liang J, Liang M, An S, Lyu M, Zhu J, Li S, Hu D, Zhu X, Wu J, He Z, Li M.  
J Virol. 2025 Dec 23;99(12):e0175925. doi: 10.1128/jvi.01759-25. Epub 2025 Nov 20.  
PMID: 41263557 **Free PMC article.**
80. [Chloroquine Enhances Mitochondrial Antiviral Signaling-Mediated Cytokine Induction and Alters Mitochondrial Morphology.](#)  
Kao YT, Chen WS, Shie CT, Yu CY.  
J Innate Immun. 2026;18(1):1-15. doi: 10.1159/000549390. Epub 2025 Nov 17.

- PMID: 41263016 **Free PMC article.**
81. [Pathogenic dengue virus TW2015 strain infection triggers anaerobic glycolysis and enhances mortality in diabetic mice.](#)  
Kuo Y-P, Dai S-S, Lin E-J, Jane W-N, Tsai W-H, Tsai W-T, Imana ZN, Tung W-J, Su Y-S, Tien C-F, Yu C-Y, Chen C-H, Yu G-Y.  
J Virol. 2025 Dec 23;99(12):e0117725. doi: 10.1128/jvi.01177-25. Epub 2025 Nov 10.  
PMID: 41211964 **Free PMC article.**
82. [Contrasted impacts of commercial diets and rearing water on \*Aedes aegypti\* fitness and microbiota.](#)  
Calvez E, Quénel I, Saint-Alban L, Gutiérrez-Bugallo G, Dollin C, Ramdini C, Vega-Rúa A.  
mSphere. 2025 Dec 23;10(12):e0054325. doi: 10.1128/msphere.00543-25. Epub 2025 Nov 10.  
PMID: 41211947 **Free PMC article.**
83. [\[Molecular epidemiological investigation and genetic characteristics of the early stage of Chikungunya fever outbreak in Guangzhou City in 2025\].](#)  
Lu WZ, Zhen RN, Zhang W, Zhou LJ, Su WZ, Luo L, Wu XW, Zhang ZB, Qin PZ.  
Zhonghua Yu Fang Yi Xue Za Zhi. 2025 Dec 6;59(12):2099-2106. doi: 10.3760/cma.j.cn112150-20250905-00858.  
PMID: 41067884 Chinese.
84. [Triterpenes From \*Lagerstroemia indica\* L. Bark With Anti-ZIKV Activity.](#)  
Kong YL, Gao WC, Zhou XH, Ai FR, Wang LY, Wu XW, Zeb MA, Li XL, Zheng CB, Xiao WL.  
Chem Biodivers. 2025 Dec;22(12):e02069. doi: 10.1002/cbdv.202502069. Epub 2025 Sep 17.  
PMID: 40961448
85. [Effectiveness of the TAK-003 dengue vaccine in adolescents during the 2024 outbreak in São Paulo, Brazil: a test-negative, case-control study.](#)  
Ranzani OT, Lazar Neto F, Mareto LK, Brumatti TS, de Oliveira RD, da Silva PV, Dos Santos ER, D' Agostini TL, De Paula RAC, Dean NE, Ko AI, Cummings DAT, Andrews JR, Hitchings MDT, Croda J.  
Lancet Infect Dis. 2026 Jan;26(1):91-100. doi: 10.1016/S1473-3099(25)00382-2. Epub 2025 Aug 19.  
PMID: 40845862
86. [Secondary Metabolites of \*Mansonia gagei\* and Their Potential Anti-dengue Properties.](#)  
Le HTT, Hioki Y, Tuong TL, Hau VTB, Thuy NTT, Chavasiri W, Kita M, Tran TKU, Vo TH, Le TA.  
Chem Biodivers. 2025 Dec;22(12):e00951. doi: 10.1002/cbdv.202500951. Epub 2025 Aug 14.

PMID: 40812145

87. [Tracing the Origin of the 2022 Dengue Virus Epidemic in Karachi, Pakistan, Through Genome Analyses.](#)

Kim J, Park M, Shin D, Hassan ZU, Ahmed I, Badar N, Quraishy MS, Khan SA, Anwar M, Hasan NA, Baek MG, Kim S, Yi H.

J Infect Dis. 2025 Dec 20;232(6):1330-1337. doi: 10.1093/infdis/jiaf288.

PMID: 40439117

88. [PARACENTRAL ACUTE MIDDLE MACULOPATHY AND HENLE FIBER LAYER HEMORRHAGE IN DENGUE FEVER: MULTIMODAL IMAGING AND REVIEW OF THE LITERATURE.](#)

Ferreira BFA, Sakuno G, Kato JM, Sato RH, Ferreira ÁF, Missaka RFBG, Nakashima Y.

Retin Cases Brief Rep. 2026 Jan 1;20(1):113-119. doi:

10.1097/ICB.0000000000001684.

PMID: 39485944 Review.

## GALE

1. [Burden of scabies in displacement settings: A systematic review and meta-analysis among forcibly displaced populations.](#)

Yitageasu G, Asnake AA, Gebrehana AK, Kase BF, Asebe HA, Tigabie M, Demoze L.

PLoS Negl Trop Dis. 2025 Dec 23;19(12):e0013853. doi:

10.1371/journal.pntd.0013853. eCollection 2025 Dec.

PMID: 41433332 **Free PMC article.**

2. [Revisiting the interpretation of burrow openings: Support for the 'tunnel window sign' terminology.](#)

Łyko M, Mateuszczyk M, Pawlak Z, Jankowska-Konsur A.

J Eur Acad Dermatol Venereol. 2025 Dec 22. doi: 10.1111/jdv.70277. Online ahead of print.

PMID: 41427537 No abstract available.

3. [Direct and indirect protection against scabies through ivermectin mass drug administration designed for malaria in Mozambique: a substudy nested within a cluster-randomised, controlled trial.](#)

Furnival-Adams J, Houana A, Saute F, Elobolobo E, Rudd M, Nicolas P, Montaña J, Martinho S, Mundaca H, Mbanze J, Soares A, Imputiua S, Ruiz-Castillo P, Ribes M, Sanz A, Mamudo Salé M, Macucha A, Casellas A, Lopez V, Vegove V, Mutepa V, Munguambe H, Xerinda A, Materula F, Rabinovich NR, Engelman D, Chaccour C.

Lancet Microbe. 2025 Dec;6(12):101189. doi: 10.1016/j.lanmic.2025.101189.

Epub 2025 Nov 20.

PMID: 41274299 Clinical Trial.

## **NOMA**

[Pre-implementation contexts for the integration of mental health screening and guided action into noma care: perceptions of service providers in Nigeria.](#)

Onu JU, Ononiwu CN, Olatayo TI, Adenaike F, Okoye OC, Ononiwu U, Akujobi NC, Uwakwe R.

Trans R Soc Trop Med Hyg. 2025 Dec 22:traf135. doi: 10.1093/trstmh/traf135.

Online ahead of print.

PMID: 41424322