

Literaturverzeichnis

Barzon L. Ongoing and emerging arbovirus threats in Europe. *J Clin Virol.* 2018 Oct;107:38-47. doi: 10.1016/j.jcv.2018.08.007. Epub 2018 Aug 23. PMID: 30176404.

Barzon, L., Gobbi, F., Capelli, G., Montarsi, F., Martini, S., Riccetti, S., Sinigaglia, A., Pacenti, M., Pavan, G., Rassu, M., Padovan, M. T., Manfrin, V., Zanella, F., Russo, F., Foglia, F., & Lazzarini, L. (2021). Autochthonous dengue outbreak in Italy 2020: Clinical, virological and entomological findings. *Journal of Travel Medicine*, 28(8), taab130. <https://doi.org/10.1093/jtm/taab130>

Berneck BS, Rockstroh A, Barzon L, Sinigaglia A, Vocale C, Landini MP, Rabenau HF, Schmidt-Chanasit J, Ulbert S. Serological differentiation of West Nile virus- and Usutu virus-induced antibodies by envelope proteins with modified cross-reactive epitopes. *Transbound Emerg Dis.* 2022 Sep;69(5):2779-2787. doi: 10.1111/tbed.14429. Epub 2022 Jan 10. PMID: 34919790.

Bhatt, S., Gething, P. W., Brady, O. J., Messina, J. P., Farlow, A. W., Moyes, C. L., ... & Myers, M. F. (2013). The global distribution and burden of dengue. *Nature*, 496(7446), 504-507.

Braack, L. E., Gouveia de Almeida, A. P., Cornel, A. J., Swanepoel, R., & de Jager, C. (2018). Mosquito-borne arboviruses of African origin: review of key viruses and vectors. *Parasites & vectors*, 11(1), 29.

Brady, O. J., Gething, P. W., Bhatt, S., Messina, J. P., Brownstein, J. S., Hoen, A. G., ... & Scott, T. W. (2012). Refining the global spatial limits of dengue virus transmission by evidence-based consensus. *PLoS neglected tropical diseases*, 6(8), e1760.

Cochet, A., Calba, C., Jourdain, F., Gard, G., Durand, G. A., Guinard, A., Team, I., Noël, H., Paty, M.-C., & Franke, F. (2022). Autochthonous dengue in mainland France, 2022: Geographical extension and incidence increase. *Eurosurveillance*, 27(44), 2200818. <https://doi.org/10.2807/1560-7917.ES.2022.27.44.2200818>

ECDC (2018a) dengue fever facts. <https://ecdc.europa.eu>

ECDC. Weekly Bulletin: Communicable Disease Threats report. Week 35, 27 August – 2 September 2023

Eldridge, B. F., & Edman, J. D. (2000). Medical entomology: a textbook on public health and veterinary problems caused by arthropods. Springer Science & Business Media.

EMA (2022a) Dengvaxia, <https://www.ema.europa.eu/en/medicines/human/EPAR/dengvaxia>

EMA (2022b) Qdenga <https://www.ema.europa.eu/en/medicines/human/EPAR/qdenga>

Garrett-Jones, C. (1964). Prognosis for Interruption of Malaria Transmission Through Assessment of the Mosquito's Vectorial Capacity. *Nature*, 204(4964), 1173–1175. <https://doi.org/10.1038/2041173a0>

Gervais A, Rovida F, Avanzini MA, Croce S, Marchal A, Lin SC, Ferrari A, Thorball CW, Constant O, Le Voyer T, Philippot Q, Rosain J, Angelini M, Pérez Lorenzo M, Bizien L, Achille C, Trespidi F, Burdino E, Cassaniti I, Lillieri D, Fornara C, Sammartino JC, Cereda D, Marrocu C, Piralla A, Valsecchi C, Ricagno S, Cogo P, Neth O, Marín-Cruz I, Pacenti M, Sinigaglia A, Trevisan M, Volpe A, Marzollo A, Conti F, Lazzarotto T, Pession A, Viale P, Fellay J, Ghirardello S, Aubart M, Ghisetti V, Aiuti A, Jouanguy E, Bastard P, Percivalle E, Baldanti F, Puel A, MacDonald MR, Rice CM, Rossini G, Murray KO, Simonin Y, Nagy A, Barzon L, Abel L, Diamond MS, Cobat A, Zhang SY, Casanova JL, Borghesi A. Autoantibodies neutralizing type I IFNs

underlie West Nile virus encephalitis in 40% of patients. *J Exp Med.* 2023 Sep 4;220(9):e20230661.

Gubler, D. J. (2006). Dengue and dengue hemorrhagic fever. *Clinical microbiology reviews*, 11(3), 480-496.

Habarugira G, Suen WW, Hobson-Peters J, Hall RA, Bielefeldt-Ohmann H. West Nile Virus: An Update on Pathobiology, Epidemiology, Diagnostics, Control and "One Health" Implications. *Pathogens.* 2020 Jul 19;9(7):589. doi: 10.3390/pathogens9070589. PMID: 32707644; PMCID: PMC7400489.

Kampen, H., Schäfer, M., Zielke, D. E., Hoffmann, D., Bestehorn, M., & Werner, D. (2021). Vertical transmission of West Nile virus by three populations of the floodwater mosquito *Aedes vexans*. *Parasites & vectors*, 14(1), 153.

Kapadia RK, Staples JE, Gill CM, Fischer M, Khan E, Laven JJ, Panella A, Velez JO, Hughes HR, Brault A, Pastula DM, Gould CV. Severe Arboviral Neuroinvasive Disease in Patients on Rituximab Therapy: A Review. *Clin Infect Dis.* 2023 Mar 21;76(6):1142-1148.

Kenney, J. L., & Brault, A. C. (2014). The Role of Environmental, Virological and Vector Interactions in Dictating Biological Transmission of Arthropod-Borne Viruses by Mosquitoes. In *Advances in Virus Research* (Vol. 89, pp. 39–83). Elsevier. <https://doi.org/10.1016/B978-0-12-800172-1.00002-1>

Kramer, L. D. (2016). Complexity of virus–vector interactions. *Current Opinion in Virology*, 21, 81–86. <https://doi.org/10.1016/j.coviro.2016.08.008>

Lequime S, Paul RE, Lambrechts L (2016) Determinants of Arbovirus Vertical Transmission in Mosquitoes. *PLoS Pathog.* 2016 May; 12(5): e1005548

Martina, B. E., Koraka, P., & Osterhaus, A. D. (2009). Dengue virus pathogenesis: an integrated view. *Clinical microbiology reviews*, 22(4), 564-581.

Martins MM, Prata-Barbosa A, Cunha AJLAD. Arboviral diseases in pediatrics. *J Pediatr (Rio J).* 2020 Mar-Apr;96 Suppl 1(Suppl 1):2-11. doi: 10.1016/j.jpeds.2019.08.005. Epub 2019 Oct 9. PMID: 31605670; PMCID: PMC9432121.

Pachler, K., Lebl, K., Berer, D., Rudolf, I., Hubálek, Z., Nowotny, N., & Weissenböck, H. (2014). Putative new West Nile virus lineage in *Uranotaenia unguiculata* mosquitoes, Austria, 2013. *Emerging Infectious Diseases*, 20(12), 2119.

Papaevangelou, G., & Halstead, S. B. (1977). Infections with two dengue viruses in Greece in the 20th century. *Journal of medical virology*, 1(4), 303-306.

Petersen LR, Jamieson DJ, Honein MA. Zika Virus. *N Engl J Med.* 2016 Jul 21;375(3):294-5. doi: 10.1056/NEJMc1606769.

Restrepo Arias VC, Salgado García DM, Merchán-Galvis AM, Narváez CF. Clinical and Laboratory Characteristics of Hemophagocytic Lymphohistiocytosis in Children With Severe Dengue During the 2019-2020 Outbreak in Southern Colombia. *Pediatr Infect Dis J.* 2023 Jun 1;42(6):e204-e211.

Robert Koch Institut (2016). Mitteilungen des Arbeitskreises Blut des Bundesministeriums für Gesundheit. Zikavirus (ZIKV). Stellungnahmen des Arbeitskreises Blut des Bundesministeriums für Gesundheit. *Bundesgesundheitsbl*, 59, 1232–1244. DOI 10.1007/s00103-016-2411-y

Robert Koch Institut (2023). Antworten auf häufig gestellte Fragen zu Dengue und zur Impfung. Retrieved from: <https://www.rki.de/SharedDocs/FAQ/Dengue/FAQ-Liste.html> (07.08. 2023)

Robert Koch Institut (2023). West Nil Fieber im Überblick. Retrieved from: [https://www.rki.de/DE/Content/InfAZ/W/WestNilFieber/West-Nil-](https://www.rki.de/DE/Content/InfAZ/W/WestNilFieber/West-Nil-Fieber_Ueberblick.html#doc11434928bodyText3)

[Fieber_Ueberblick.html#doc11434928bodyText3](https://www.rki.de/DE/Content/InfAZ/W/WestNilFieber/West-Nil-Fieber_Ueberblick.html#doc11434928bodyText3) (07.08.2023)

Rudolph H, Porto L, Tenenbaum T. Schwer verlaufende Meningitis und Enzephalitis bei Kindern und Jugendlichen [Severe courses of meningitis and encephalitis in children and adolescents]. *Monatsschr Kinderheilkd.* 2022;170(11):986-996.

Schmidt-Chanasit, J., Haditsch, M., Schoneberg, I., Gunther, S., Stark, K., & Frank, C. (2010). Dengue virus infection in a traveller returning from Croatia to Germany. *Eurosurveillance*, 15(40), 19677.

Schmidt-Chanasit J, Schmiedel S, Fleischer B, Burchard GD. Viruses acquired abroad: what does the primary care physician need to know? *Dtsch Arztebl Int.* 2012 Oct;109(41):681-91; quiz 692. doi: 10.3238/arztebl.2012.0681.

Thebault S, Gandelman S, Lane C, Kim EJ, Pileggi C, Zuroff L, Yamashita LD, Schindler MK, Chiu C, Wilson MR, Berger JR, Markowitz C, Bar-Or A, Fuller R, Brandstadter R, Pruitt AA, Jacobs DA. Severe Neuroinvasive West Nile Virus in Association With Anti-CD20 Monotherapy for Multiple Sclerosis. *Neurol Neuroimmunol Neuroinflamm.* 2023 Aug 10;10(5):e200154.

Weaver, S. C., & Reisen, W. K. (2010). Present and future arboviral threats. *Antiviral Research*, 85(2), 328-345.

WHO (2017). Mosquito-borne diseases. World Health Organization. Retrieved from https://www.who.int/neglected_diseases/vector_ecology/mosquito-borne-diseases/en/

WHO (World Health Organization). (2022). Dengue and severe dengue. Retrieved from <https://www.who.int/news-room/fact-sheets/detail/dengue-and-severe-dengue>

WHO(2) (World Health Organization). (2022). Zika virus. <https://www.who.int/news-room/fact-sheets/detail/zika-virus> (07.08.2023)

Young, P. R. (2018). Arboviruses: A Family on the Move. In R. Hilgenfeld & S. G. Vasudevan (Eds.), *Dengue and Zika: Control and Antiviral Treatment Strategies* (Vol. 1062, pp. 1–10). Springer Singapore. https://doi.org/10.1007/978-981-10-8727-1_1

Young, J. J., Lord, C. C., & Tabachnick, W. J. (2021). The evolution and ecology of the mosquito vectors of West Nile virus in the United States. *Current opinion in insect science*, 47, 93-100.

Ziegler U, Lühken R, Keller M, Cadar D, van der Grinten E, Michel F, Albrecht K, Eiden M, Rinder M, Lachmann L, Höper D, Vina-Rodríguez A, Gaede W, Pohl A, Schmidt-Chanasit J, Groschup MH. West Nile virus epizootic in Germany, 2018. *Antiviral Res.* 2019;162:39–43.

Ziegler U, Santos PD, Groschup MH, Hattendorf C, Eiden M, Höper D, Eisermann P, Keller M, Michel F, Klopffleisch R, Müller K, Werner D, Kampen H, Beer M, Frank C, Lachmann R, Tews BA, Wylezich C, Rinder M, Lachmann L, Grunewald T, Szentiks CA, Sieg M, Schmidt-Chanasit J, Cadar D, Lühken R. West Nile Virus Epidemic in Germany Triggered by Epizootic Emergence, 2019. *Viruses.* 2020;12(4).

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