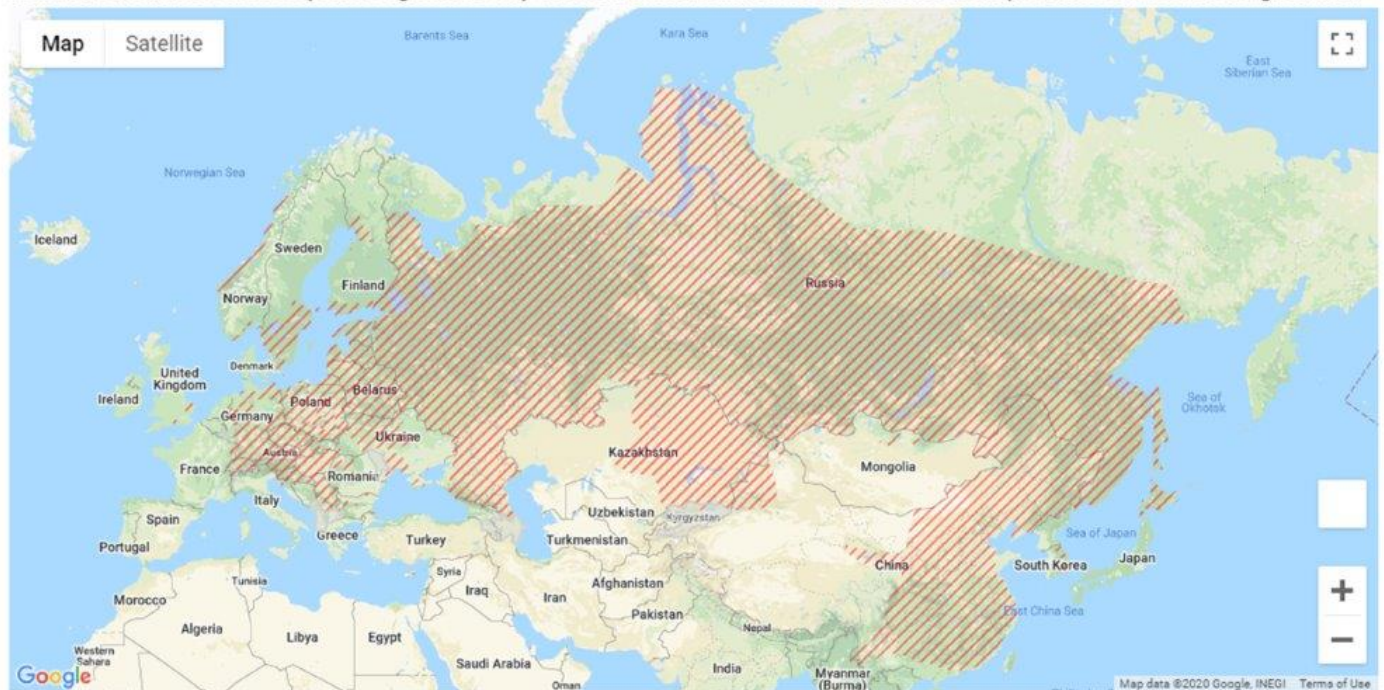


'The TBE Book' (4th Edition) available now!

Chapter 12c: Risk map for TBEV

In the map below hatched areas indicate TBEV endemic regions as documented either by 1) TBEV detection in ticks or animals; or 2) detection of specific anti-TBE antibodies in reservoir animals or human sera; or 3) microbiologically confirmed locally acquired TBE cases in humans who contracted the disease in the respective region. This map does not reflect the incidence of the disease or the prevalence of the virus in a given area.



*This map may be different from "official" TBE-risk maps from local authorities as shown in chapter 9b for individual countries. Differences between the map above and country maps are explained by the fact that Public Health officials try to quantify the risk for TBE and thus indicate only those areas as "TBE risk areas" where a certain incidence threshold of TBE case numbers or TBE incidence is reached. This approach, however, does neither take into account the (in-) completeness of testing of all encephalitis cases for TBE as well as vaccine uptake nor the existence of TBEV in regions with low risk of exposition to humans (i.e. high TBE risk areas, however only rarely visited by humans). The goal of the map is to give a more real impression of the distribution of the TBEV, according to available virological/serological data – since all other data are biased by incomplete surveillance. Moreover, the map presented here may not entirely be complete, and very likely TBEV infections and thus TBE may occur in additional ("new") areas.

Legend: (red hatched area) = reported TBE cases and/or documented TBE virus isolation; (grey area) = countries where TBE is expected, but there is not enough data available

Singapore, Singapore, May 25, 2021 ([Issuewire.com](https://www.issuewire.com)) - Global Health Press Pte Ltd, the Singapore-based publisher and e-learning provider for the health, medical, and pharmaceutical industry, released the 4th edition of [The TBE Book](#), with new epidemiology data, including the 2020 case numbers, as made available by local country experts and authorities.

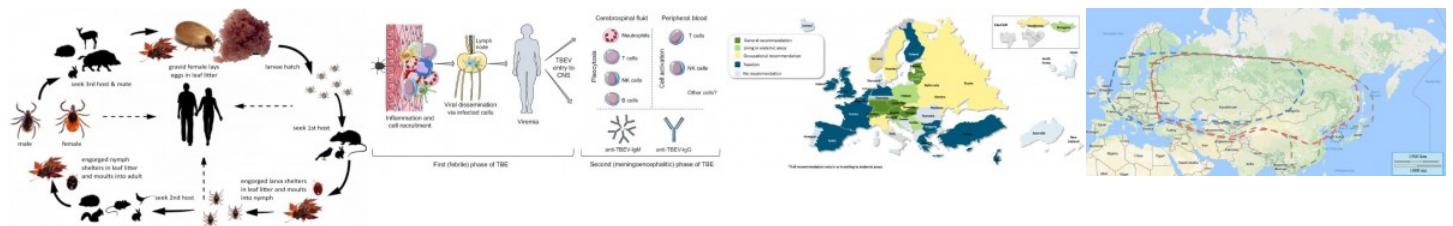
Edited again by the editorial quartet – Prof. Dr. Gerhard Dobler, Dr. Wilhelm Erber, Dr. Michael Bröker, and Prof. Dr. Heinz-Josef Schmitt – and written by 98 authors from 30 countries, the 386-page book provides the latest data and research related to tick-borne encephalitis (TBE).

The TBE Book reports the short history of TBE and its discovery, followed by summaries on state-of-the-art science on TBE, the virology of the TBE-virus, transmission dynamics, the pathogenesis of the infection and the disease, immunology, clinical aspects in adults and children, diagnostic tests to prove the infection, public health views, as well as all globally licensed vaccines to prevent the infection. Certainly, the heart of the 4th edition – as with the previous 3 ones – details information on TBE in 35 countries across Europe and Asia.

While airborne- and travel-related infections [significantly decreased in Central Europe](#) due to the COVID-

restrictions, TBE case numbers in Austria, Germany, Switzerland, and elsewhere are at an all-time high since reporting started. At the same time, in some countries, TBE cases are decreasing and there are even areas within “endemic countries” where the virus disappeared.

Made possible by funding from Pfizer Inc., The TBE Book is provided free of charge at www.tbeneuws.com/tbe to anybody interested in the global spread of TBEV infections. Each chapter can be individually downloaded as a PDF and the whole book can even be viewed in a book-like manner as an [electronic flip version](#). The authors of each chapter are solely responsible for the respective content and – different from other publishers – copyright owners.



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