



*Special Issue Reprint*

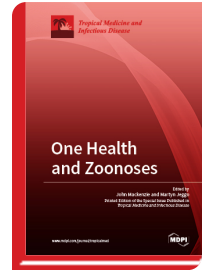
## **One Health and Zoonoses**

[www.mdpi.com/books/reprint/1491](http://www.mdpi.com/books/reprint/1491)

Edited by  
John Mackenzie  
Martyn Jeggo

ISBN 978-3-03921-295-8 (Softback)

ISBN 978-3-03921-296-5 (PDF)



The One Health concept recognizes that the health of humans, animals, and their ecosystems are interconnected, and that a coordinated, collaborative, multidisciplinary, and cross-sectoral approach is necessary to fully understand and respond to potential or existing risks that originate at the animal–human–ecosystems interfaces. Thus, the One Health concept represents a holistic vision for addressing some of the complex challenges that threaten human and animal health, food safety, and the environments in which diseases flourish.

There are many examples showing how the health of humans is related to the health of animals and the environment. Diseases shared between humans and animals are zoonoses. Some zoonoses have been known for many years, whereas others have emerged suddenly and unexpectedly. Over 70% of all new emerging diseases over the past few decades have been zoonoses that have emerged from wildlife, most often from bats, rodents, or birds. Examples of zoonoses are many and varied, ranging from rabies to bovine tuberculosis, and from Japanese encephalitis to SARS. Clearly, a One Health approach is essential for understanding their ecology, and for outbreak response and the development of control strategies.

However, the One Health concept and approach is much broader than zoonoses; it extends to including antimicrobial resistance, food safety, and environmental health and, consequently, impacts on global health security, economic wellbeing, and international breadth of One Health that connects the papers in this Special Issue.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/1491](http://www.mdpi.com/books/reprint/1491)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.