

# Zoonoses AND PUBLIC HEALTH

## A New Journal New Opportunities

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# Emerging Infectious Diseases

- Unknown agent detected for 1<sup>st</sup> time
- Known agent (or close relative) in hitherto unsusceptible species
- Known agent in new geographic area

# Emerging & Reemerging Infections

Diseases of infectious origin whose incidence in humans has increased within the past two decades or threatens to increase in the near future

CDC Definition

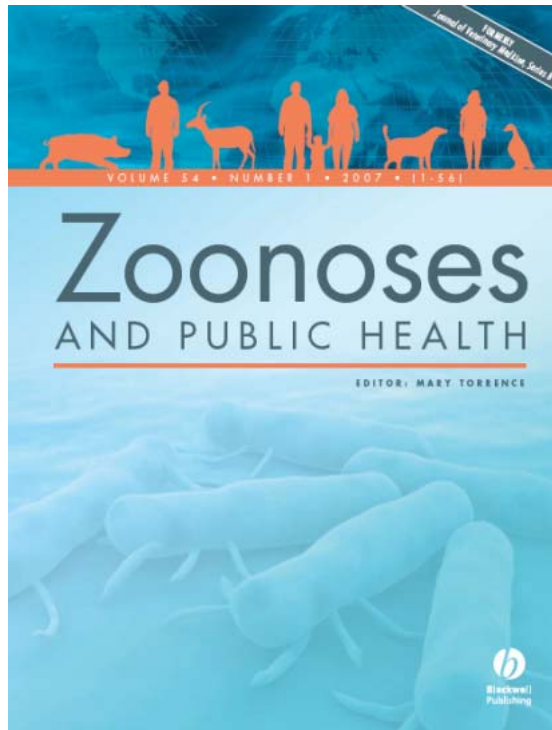
# Importance of Zoonoses

- ‘Zoonotic pool’ is important and rich source of EIDs
  - Majority of EIDS emerge in humans from animals
  - **60% of human pathogens & 75% of EIDs that emerged in last 2 decades are zoonotic**
  - Diverse animal reservoirs
    - Ungulates, carnivores, rodents, primates, birds
    - Domestic animals & wildlife

<b>Pathogen</b>	<b>Original host</b>	<b>Year reported</b>
<i>E coli</i> O157:H7	Cattle	1982
<i>B. burgdorferi</i>	Rodents?	1982
HIV-1	Chimpanzees	1983
Hendra virus	Bats	1994
vCJD	Cattle	1996
Australian bat lyssavirus	Bats	1996
H5N1 influenza A	Chickens	1997
Nipah virus	Bats	1999
SARS coronavirus	Palm civets?	2003

# Zoonoses and Public Health

Formerly Journal of Veterinary Medicine Series B



Editor: Mary Torrence

Associate Editors: Katherine Feldman, Richard Isaacson, Klaus Osterrieder, Phillip Tarr, Ilaria Capua

- New in 2007!
- A venue for publishing integrated and global approaches to zoonoses and public health
- Brings together veterinary and human health researchers and policy-makers
- Provides rapid publication of original papers, reviews, and potential discussion papers embracing this collaborative spirit
- Available online through Blackwell Synergy
- Indexed on Medline



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# Goals

- To promote and present multi-disciplined research in order to study, understand, prevent, and control zoonoses
- To bring together veterinary and human health researchers and policy-makers
  - Collaboration
  - Global perspective

# Goals

- To provide a unique integrative forum of experts, such as veterinarians, physicians, and scientists, to explore the interactions of humans, animals, and organisms in an evolving environment
- The journal's strong international component reflects the fact that globalization of the food supply and agriculture impacts disease and public health
  - Strong international submissions and readership



# Goal

- To provide a forum for epidemiologic methods in zoonoses and public health
- **To provide a visible and active platform to make tangible the concept of “one medicine / one health”**

# Specific Focus

- Provide a forum for the advancement of microbiological, viral, and epidemiologic analytical methods
- Provide a unique forum for exploring the interactions among humans, animals, and environment in a confluent, as opposed to a divergent, view involving zoonoses
- Explore the scientific basis for prevention, intervention, and mitigation strategies
- Provide international global coverage and discussion of zoonoses
- Provide a forum for scientific research in the epidemiology and public health perspective of zoonotic diseases

# Online Submission

- Faster, easier and more convenient way to submit your manuscript
- Rapid turn-around time
  - Can be published within 6 months of submission
- Instructions for authors and link to online submission available at [www.blackwellpublishing.com/zph](http://www.blackwellpublishing.com/zph)
- We encourage your submissions!

# Planned Special Issues for 2008

- First issue of 2008
  - Proceedings from the International Conference on Avian Influenza
  - Guest editors Ilaria Capua and Dennis Alexander
- Zoonoses associated with companion animals
- Viral zoonoses
- Zoonoses related to food safety

# Call for Papers: Companion Animals

- Animals in public settings
- Pets as sentinels for disease
- Dog / animal bite epidemiology / prevention
- Species-specific disease risks
- Companion-animal associated outbreaks
- Educational efforts on zoonoses prevention / awareness
- Infection control
- Occupational exposure to and risks from companion animals
- Animal importation / exportation and the pet industry
- Disaster / emergency response
- Animal hoarding
- Pet therapy
- Public health implications of companion animal diets

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