

One Health: A Concept to Improve Biodefense and Global Health

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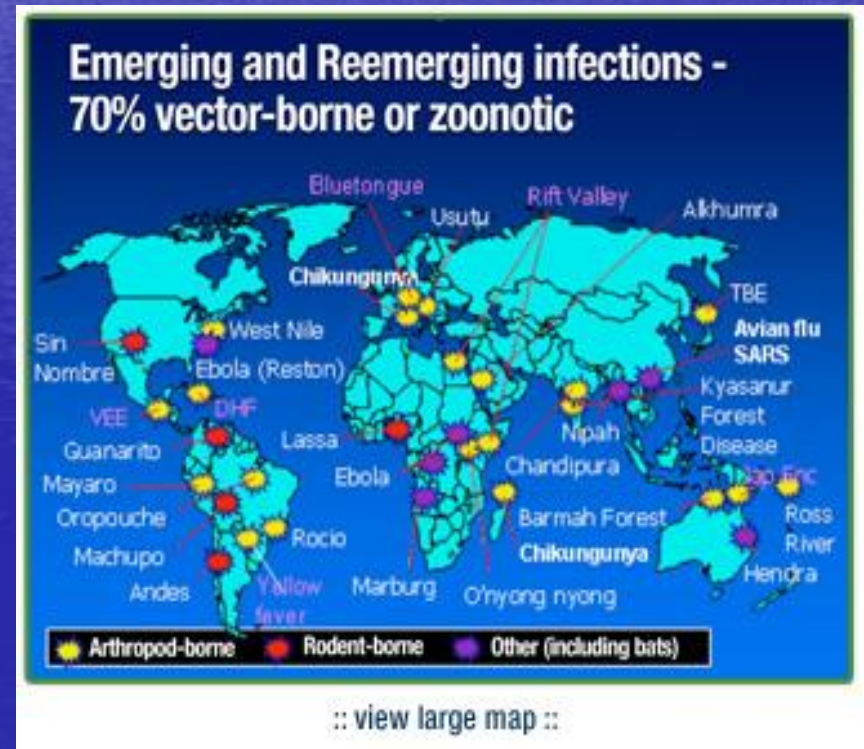
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- One Health is a growing international movement of physicians, veterinarians, public health professionals, and scientists who recognize the need to join forces to meet the global health challenges of the 21st century.



- Many of the agents of bioterrorism and nearly 75% of the newly emerging infectious disease agents are zoonotic diseases. Examples of such diseases include HIV/AIDS, Ebola, SARS, and Nipah and Hendra viruses, and avian influenza.



- <http://www.cdc.gov/nczved/>



- Almost 20 professional organizations including the American Medical Association (AMA), the American Veterinary Medical Association (AVMA), the American Society for Microbiology (ASM), the American Society of Tropical Medicine and Hygiene (ASTMH), and the National Environmental Health Association have endorsed One Health and the importance of understanding cross species disease transmission.



- Cross-cutting educational programs and funding to support a multi-disciplinary approach to diagnostics, vaccine and antibiotic resistance research are needed.



- A new One Health Initiative website has been established to serve as a repository of information for all One Health efforts. This website is available at:
- <http://www.onehealthinitiative.com>
- The goal of this website is to facilitate communication and collaboration between professionals of different disciplines.



- Two additional valuable sources of One Health information are:
- ProMed (<http://www.promedmail.org>)
- One Health Newsletter
([http://www.doh.state.fl.us/Environment/
community/One_Health/OneHealth.html](http://www.doh.state.fl.us/Environment/community/One_Health/OneHealth.html))