

Current Publications on Avian Influenza and Vaccine Development

Avian Influenza Vaccines: Focusing on H5N1 High Pathogenicity

Avian Influenza (HPAI), with a Comprehensive Bibliography

CAST Special Publication 26, in conjunction with USAID, October 2007. 38 pp. \$18.00

Chair: Dr. Karen Burns Grogan; Authors: Dr. David Halvorson, Dr. Richard Slemmons; Reviewers: Dr. Ilaria Capua, Dr. Trevor Ellis, Dr. Peter Roeder, Dr. Les Sims, Dr. David Swayne

- Researched, written, and reviewed by a task force of international experts
- A comprehensive review (273 citations) of published literature and other sources of information on avian influenza (AI)
- Topics include the prevention, control, and eradication of AI through vaccination
- Includes analyses of previous AI vaccine campaigns
- A resource for decision makers in international technical organizations and governments

Avian Influenza Vaccination: A Commentary Focusing on H5N1 High Pathogenicity Avian Influenza

CAST Commentary QTA 2007-3, October 2007. 12 pp.

- Excerpted from the larger report, Special Publication 26
- Features sidebar text excerpts for ease of readability

Avian Influenza: Trade Issues

CAST Commentary QTA 2006-2, April 2006. 8 pp.

Chair: Dr. Toby Moore; Author: Dr. Nancy Morgan; Reviewers: Dr. Charles Beard, Dr. Bruce Gardner

- Examines the implications of AI for the international poultry trade
- Addresses trade responses to AI outbreaks
- Includes references and websites of interest

Avian Influenza: Human Pandemic Concerns

CAST Commentary QTA 2006-1, January 2006. 8 pp.

Co-authors: Dr. Donna Carver, Dr. Elizabeth Krushinskie; Reviewers: Dr. Michael Rybolt, Dr. Richard Slemmons, Dr. David Swayne

- Provides a brief review of historical pandemics
- Reviews human cases of AI
- Assesses realistically the risk of a human pandemic

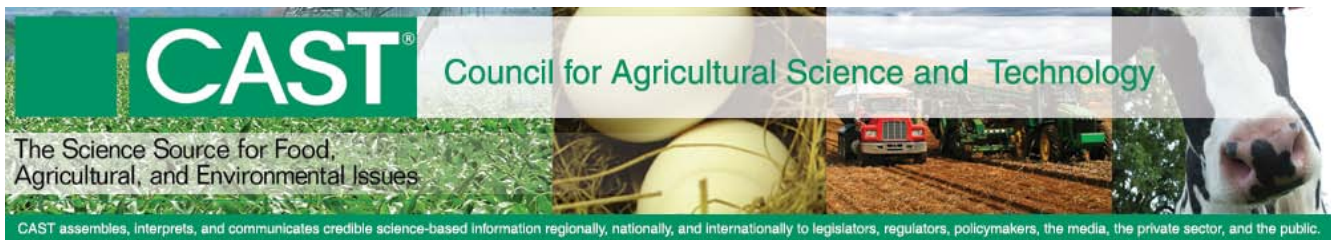
Vaccine Development Using Recombinant DNA Technology

CAST Issue Paper 38, May 2008. 12 pp. \$5.00 (includes shipping)

Chair: Dr. Mark Jackwood; Authors: Dr. Leslie Hickle, Dr. Sanjay Kapil, Dr. Robert Silva; Reviewers: Dr. Klaus Osterrieder, Dr. Christopher Prideaux, Dr. Ronald Schultz

- Describes three basic categories of newer, recombinant vaccines
- Evaluates the development of vaccines for poultry and other animals
- Provides information on commercially available vaccines and future developments

All CAST Issue Papers and Commentaries are available for download, free of charge, at: www.cast-science.org, click on Publications List.



What Is CAST?

The Council for Agricultural Science and Technology (CAST) is a 501(c)(3) tax-exempt nonprofit organization based in Ames, Iowa

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- CAST Membership is composed of
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 - Associate societies
 - Sustaining companies, nonprofits, and trade organizations
 - Subscribers
 - Individuals from the United States and 19 foreign countries
- CAST was founded in 1972 after the National Academy of Sciences' National Research Council identified the need for better communication of the science behind food and agricultural issues
- In 2010, CAST is celebrating 38 years of continuous service to its stakeholders

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- CAST publications are highly regarded as a source of science-based information written and reviewed by subject experts
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 - Special publications
 - Issue papers
 - Commentaries
 - Spanish language translations
- CAST "Friday Notes," a weekly e-newsletter providing links to current resource materials gleaned from more than 125 sources
- Symposia and conferences to promote communication among professionals in many disciplines of agricultural science
- Education and training workshops for hands-on learning
- International exchanges of scientific experts
- Support for student essay contests
- Facilitated communications among media personnel and scientific experts
- Invited presentations at professional society meetings
- Briefings to legislative and government personnel in Washington, D.C.