

SYMPOSIUM

# Chronic Wasting Disease

*Lessons learnt  
from the BSE crisis*



FRIDAY 22 JUNE 2018  
SASKATOON CANADA

12:00h - 14:30h

HOSTED BY THE 5TH INTERNATIONAL

**one health** CONGRESS

You are kindly invited to join other academics, public health professionals and regulatory agency officials in a free satellite symposium on Chronic Wasting Disease. In this symposium, the One Health Platform and the Alberta Prion Research Institute will bring together prion diseases experts to present the latest scientific advances, share lessons learned from the BSE crisis and discuss prevention strategies.

## Preliminary programme and speakers

*The symposium will be chaired by*

**PROF. ADRIANO AGUZZI**, Director Institute of Neuropathology, University Zürich, Switzerland

**PROF. AB OSTERHAUS**, Director Research Center for Emerging Infections and Zoonoses, Hannover, Germany and chair One Health Platform)

### CONFIRMED SPEAKERS

**DR. DAVID WESTAWAY**, University of Alberta, Edmonton, Centre for Prions and Protein Folding Diseases, Canada

**DR. GLENN TELLING**, Prion Research Center, Colorado State University, US

**PROF. CLAUDIO SOTO**, Director The George and Cynthia Mitchell Center, University of Texas / USDA, US

**DR. STEPHANIE CZUB**, CFIA, Lethbridge, Alberta, Canada

**PROF. CARLOS GONÇALO DAS NEVES**, Head of Food Safety & Emerging Health Threats, Norwegian Veterinary Institute

*Individual lectures will be followed by a panel discussion. Symposium attendees will be given the chance to raise additional questions to the speakers' panel.*

REGULARLY CHECK THE CONGRESS WEBPAGES FOR PROGRAMME UPDATES.

## Registration

The symposium is open to non-congress participants and participation is free of charge. On-line registration, however, is required.

For more information and free registration, visit the registration pages of the congress website:

[www.onehealthcongress.com](http://www.onehealthcongress.com)

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## About Chronic Wasting Disease

Chronic Wasting Disease (CWD) is a contagious neurological disease affecting deer, elk and moose. It causes a characteristic spongy degeneration of the brains of infected animals resulting in emaciation, abnormal behavior, loss of bodily functions and death. CWD belongs to a group of diseases known as transmissible spongiform encephalopathies (TSEs). TSE that affect domestic animals include scrapie, which has been identified in domestic sheep and goats for more than 200 years, bovine spongiform encephalopathy (BSE) in cattle (also known as “mad cow disease”), and transmissible mink encephalopathy in farmed mink. TSE also include several rare human diseases such as Creutzfeldt-Jakob disease (CJD), which occurs naturally in about one out of every one million people worldwide. Variant Creutzfeldt-Jakob disease (v-CJD) has been associated with the large-scale outbreak of BSE in cattle herds in Great Britain.

The foodborne transmission of bovine spongiform encephalopathy to humans indicates that the species barrier may not completely protect humans from animal prion diseases. Preliminary results of a recent experimental study show that macaque monkeys developed Chronic Wasting Disease over time when fed muscle meat from CWD-infected deer that appeared healthy. As a precaution, Health Canada and the World Health Organization recommend that people not eat meat or other parts of a CWD-infected animal. The Government of Canada conducts national surveillance for all human prion diseases, and reviews and monitors CWD-related scientific literature. It provides updated recommendations and positions as new scientific evidence indicates.

## About the 5th International One Health Congress

In June 2018, the 5th International One Health Congress will bring together some 1,500 researchers, policy makers and practitioners from universities, governments and industry who are working towards integrated approaches and effective responses to complex global health challenges.

To capture the multifaceted One Health concept, the congress will have three separate programme tracks. The **One Health Science (OHS)** track focuses on zoonoses and emerging and re-emerging infectious diseases. The **Antimicrobial Resistance (AMR)** track is dedicated to investigating, preventing and controlling antibiotic resistance. The **Science Policy Interface (SPI)** track is a tailor-made programme for public health officials and government representatives, offering information and practical application based on the most recent scientific insights.

A series of plenary sessions and satellite symposia will provide a platform for trans-disciplinary interaction and exchange of ideas in a true One Health spirit.

All information:  
[www.onehealthcongress.com](http://www.onehealthcongress.com)



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