

THE 2017 ANNUAL T.K. CHEUNG
LECTURE IN ANIMAL SCIENCE

EFFECT OF RESTRICTION IN THE USE OF ANTIBIOTICS IN FOOD ANIMALS ON ANTIBIOTIC RESISTANCE IN PRODUCTION ANIMALS AND HUMANS

PRESENTED BY
DR. HERMAN W. BARKEMA

PROFESSOR OF EPIDEMIOLOGY OF INFECTIOUS
DISEASES, AND NSERC INDUSTRIAL RESEARCH IN
INFECTIOUS DISEASES OF DAIRY CATTLE



TUESDAY, FEBRUARY 7, 2017

11:30 AM - 12:45 PM

219 Animal Science Building - 12 Dafoe Road

Dr. Herman Barkema completed his DVM degree at Utrecht University, The Netherlands, in 1988. He spent 2½ years as manager of a large dairy and beef herd in Costa Rica, then taught bovine herd health at Utrecht University and worked as an epidemiologist for the Dutch Animal Health Service while completing his PhD. In 2001, Dr. Barkema moved to the University of PEI. He subsequently moved to the University of Calgary, where he founded the Department of Production Animal Health of the Faculty of Veterinary Medicine. He currently is Professor in Epidemiology of Infectious Diseases at UCMV, with a joint appointment in the Department of Community Health Sciences of the Faculty of Medicine. Dr. Barkema three years ago became an NSERC Industrial Research in Infectious Diseases of Dairy Cattle. He is also a Guest Professor at Ghent University (Belgium). Dr. Barkema's research program focuses on prevention and control of diseases in cattle herds. He has published more than 240 scientific manuscripts and book chapters, and has lectured all over the world. He was the leader of the Alberta Inflammatory Bowel Disease Consortium, and currently leads the University of Calgary Biostatistics Centre, the Clinical Research Unit in the Cumming School of Medicine, the Environment research theme in the Canadian Bovine Mastitis and Milk Quality Research Network, the Technical Committee of the Canadian Johne's Disease Initiative, and the Alberta Johne's Disease Initiative.

This annual lecture recognizes and honours **Dr. Tsang Kay (Stan) Cheung's** enduring support for the Department of Animal Science and agricultural research at the University of Manitoba. Dr. Cheung obtained his B.Sc., M.Sc., and Ph.D. in Animal Science from the U of M. His graduate training was in Animal Breeding/Genetics under the supervision of the late Dr. Bob Parker. He was also awarded a Doctor of Laws from the U of M in 1991. Dr. Cheung returned to his family business in Hong Kong in 1975 and is currently the Executive Chairman/Director of Herald Holdings Ltd. Dr. Cheung's many contributions include support of the TK Cheung Center for Animal Science Research, the National Center for Livestock and the Environment, the TK Cheung Reading Room and a recent contribution to education and research in Animal Science. In recognition of his generosity and commitment to education and research, at the time of his 65th birthday, the Department established this annual seminar in his honour.

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