



ELEVENTH INTERNATIONAL CONFERENCE ON
ANTIMICROBIAL AGENTS IN VETERINARY MEDICINE (AAVM)

September 11-14, 2022 Madrid, Spain

Joseph M. Blondeau, MSc, PhD, RSM(CCM), SM(AAM), SM(ASCP), FCCP is a Clinical Microbiologist and Head of Clinical Microbiology at Royal University Hospital (Saskatchewan Health Authority) and the University of Saskatchewan in Saskatoon, Saskatchewan, Canada. He also the Provincial Clinical Lead for Microbiology in Saskatchewan, Canada. He holds a Masters of Sciences in Microbiology from Dalhousie University (1985) and a Doctor of Philosophy in Medical Microbiology from the University of Manitoba (1989). Following completion of his PhD, he completed a 1½ year post-doctoral training in an infectious diseases research laboratory at Dalhousie University and following which he completed a 2 year post-doctoral residency training program in Clinical Microbiology, also at Dalhousie University. He holds appointments as a Clinical Associate Professor of Pathology, Adjunct Professor of Microbiology and Immunology and Clinical Associate Professor of Ophthalmology. He teaches to undergraduate and graduate students in the areas of microbiology, infectious diseases, antimicrobial agents and pharmacology. Dr. Blondeau's main research interests are in the area of antimicrobial agents and antimicrobial resistance, clinical microbiology and clinical outcomes associated with antimicrobial therapy in both human and veterinary medicine. One key area of research interest is based on the mutant prevention concentration (MPC) – a novel *in vitro* measurement that determines the likelihood for resistance selection/prevention when an antibiotic is exposed to high density bacterial populations – such as those seen during infection. He also has an interest and published on antimicrobial agents used in ophthalmology. In excess of 4 million dollars has been raised as part of his research program. Dr. Blondeau has had leadership roles related to COVID-19 in Saskatchewan, Canada

To date, he has published 190 peer reviewed manuscripts, 266 abstracts at international meetings and 5 books. STAT (Steps to Antimicrobial Therapy) is a reference guide summarizing numerous antimicrobial therapy guidelines as published from various expert working groups and is now in its 4th edition. STAT Bovine (2008), STAT Cattle and Swine (2011) and STAT Companion Animal 2nd edition (2014) are published for veterinarians. Dr. Blondeau has given more than 660 invited presentations in 48 countries. Dr. Blondeau is a reviewer for many prestigious journals. He is an associate editor for the journal Expert Reviews in Clinical Pharmacology and Senior Editor for Future Microbiology. He is currently Editor-in-Chief for Expert Reviews on Respiratory Medicine. Dr. Blondeau was the University of Saskatchewan's nominee for the Henry Friesen Award and Lecture, an award given by the Royal College of Physicians and Surgeons of Canada and the Canadian Society for Clinical Investigation. Dr. Blondeau was twice nominated for a University of Saskatchewan student union teacher of the year award.