

*Canadian College of  
Microbiologists*



*Collège Canadien des  
Microbiologistes*



## **Workshop –Atelier 2009**

**CSM-SCM Pre-Conference Workshop**

# **LISTERIOSIS**

## **Recent Perspectives and Concerns**

**Concordia University  
Montréal**

**Monday June 15th, 2009**

**Room:** *J.A. de Sève Cinema*, (University Campus)

7:30 AM (registration) 8:00 AM to 12:00 Noon

**Fee:** \$50:00. Write cheque to the Canadian College of Microbiologists

(Payment by cheque only) and mail to

the Registrar of the CCM

5183-1547 Merivale Road

Ottawa, Ontario, K2C 3H4

Participants will receive a statement for four CEU in Continuing Professional Development (Category 1, Group Interactive Learning Activity).

**Moderator: Dr. France Daigle Ph.D.**  
Université de Montréal

**List of Speakers:**

**Dr. Steven Theriault E.M.C.A, Ph.D.**  
**Dr. Khalid Ijaz Ph.D.,SCCM**  
**Dr. Franco Pagotto Ph.D**

The Participants will be invited to attend in the afternoon, as special guests of the CSM-SCM to the Conference Key Note Speaker presentation:

**Dr. Pascale Cossart** of the Pasteur Institute (Paris) on:  
***Listeria monocytogenes*: a bacterial pathogen responsible for severe infections and a multifaceted model in biology**

Invited Speakers' Biographies and Titles of their respective Topics

**Dr. Steven Theriault** E.M.C.A, B.Sc.(hons), M.Sc, Ph.D.  
Head Applied Biosafety Programs  
Public Health Agency of Canada  
National Microbiology Laboratory  
Winnipeg, Manitoba

***Old and new technologies in the control of infectious diseases***

A graduate from the University of Manitoba, Dr. Theriault has completed a Bachelors of Science (Honours) in Microbiology/Genetics, a Masters of Science in Molecular Biology, and a Doctorate in Virology/Genetics. Dr. Theriault is also trained as an Emergency Medical Care Assistant (E.M.C.A.) and has worked many years as a Paramedic.

Dr. Theriault's main field of study during his graduate work was to assess the pathogenic features of the Zaire Ebola virus utilizing the (ZEBOV) reverse genetic system. He also developed the 'guinea pig adapted' Ebola virus reverse genetic system. As an instructor at the University of Manitoba, he has taught numerous courses including Essentials of Microbiology, Cellular Biology, Immunology, and Virology.

Dr. Theriault has recently joined the Canadian Science Centre for Human and Animal Health as the Head of the Applied Biosafety Research Program. His current research goals include studies on the efficacy of microbiocides used in containment laboratories, the development of fluorescent standards which are used as detection tools in applied research, and the evaluation of liquid and gaseous disinfectants against viral and bacterial agents.

**Dr. Khalid Ijaz Ph.D.,SCCM**  
Research Fellow ,  
Reckitt Benckiser Inc.,  
New Jersey USA.

***Role of liquid microbicides in the inactivation of microorganisms on environmental surfaces and in general hygiene***

**Dr.Khalid Ijaz** received his DVM, and his MSc(Honors) - Microbiology from the University of Agriculture, Pakistan and his Ph.D. in Microbiology and Immunology from the University of Ottawa, Canada. He did his post-doctoral work at the Vaccines and Infectious Disease Organization (VIDO) – University of Saskatchewan, Canada. He is a member of the Canadian College of Microbiologists. In addition to being on the faculty in different international medical, pharmacy and veterinary schools, he has been Vice- President of MICROBIOTEST, Inc., Sterling, VA, and Research Manager at Clorox.

He has been affiliated with the University of Ottawa's CREM and BIOME Canada, George Mason University and currently with City University of New York. He is an active member of several international scientific societies and antimicrobial standards-setting organizations including ASTM International. He has developed a number of virucidal protocols for the evaluation of microbicides which have been approved by US EPA. He has published several research papers and given presentations at scientific meetings.

Dr. Ijaz is currently Research Fellow at Reckitt Benckiser, a global manufacturer of Lysol and Dettol and other household, health and personal care products. His research is focused on the use of microbicides in environmental control of infectious agents.

=====

**Dr. Franco Pagotto Ph.D**  
Research Division  
Bureau of Microbial Hazards  
Health Canada, Ottawa

***Control of Listeria in the environment and some lessons that we have learned from past and recent outbreaks in Canada .***

Dr. Pagotto graduated from the University of Ottawa's medical school in the Department of Biochemistry, Microbiology and Immunology. He oversees the research activities of the *Listeria* and *Sakazakii* laboratory, and is a co-director of the Listeriosis Reference Centre for Canada. Dr. Pagotto's work as the co-director of the Listeriosis Reference Centre for Canada has led to an increased responsiveness to foodborne listeriosis. He has also set up the *Listeriosis* portion of PulsNet Canada, which allows for Health Canada and the Public Health Agency of Canada to track foodborne disease outbreaks in real-time. Dr. Pagotto was nominated in the category of *Most Promising Scientist* for his work on *Listeria monocytogenes*, *Enterobacter sakazakii* and foodborne viruses, which has led to a reduction in the incidence of these pathogens in foods and thus to reduced health risks.

=====