



**The Chemical Institute of Canada**

**Ottawa Section**



Cordially invites you to a special presentation

**Wednesday February 26<sup>th</sup> 2003, 7:00-9:00 PM**

National Research Council, 100 Sussex Drive, Ottawa

**G. W. Riedel, Ph.D.**  
(formerly from Health Canada)

**“Phage therapy - on the threshold of life where  
chemistry and biology meet to conquer superbugs”**

About 40,000 North Americans die each year because of antibiotic-resistant infections. One innovative way to alleviate this situation is through phage therapy. Phages, like all viruses, are complex chemical entities consisting of a nucleic acid core covered by a protein coat and they may have contractile tail structures. Established organizations in Georgia, Russia and Poland are reportedly marketing therapeutic and prophylactic phage products against bacteria including Staphylococci, Streptococci, *E. coli*, Pseudomonas, Proteus, Salmonella, Shigella, Serratia, Klebsiella, Enterobacter, Campylobacter, Yersinia and Brucella. Dr. Riedel will explain what phage therapy is and how to bring phage therapy products for a range of medical, animal husbandry, food processing and environmental applications to market.

**W. Kournikakis, Ph.D.**  
(Defence Research and Development Canada – Suffield)

**“Anthrax demystified once and for all”**

Since Sept 11<sup>th</sup>, anthrax has been widely mentioned in the media. What exactly is it? Where does it come from? How contagious is it? What measures can be taken to protect oneself against it? Should we be concerned? Well, let us demystify anthrax once and for all. Dr. Kournikakis has been working on anthrax since 15 years. As such, his expertise and breadth of experience in this field has contributed to many aspects of defence against this substance.

*Admission and parking are free.*

For more information, please contact Jean-François Legault, (613) 996-7496, legault.jjf@forces.gc.ca or visit our web site at <http://www.cheminst.ca/sections/ottawa/index.html> (click on “Events”)