



**The University of Western Ontario**

**Department of Microbiology and Immunology**

**60th Anniversary Symposium**

**"Challenges of Microbial and Immune Diseases in the  
Next Millennium"**

### **About the Symposium**

To mark the 60th anniversary of The Department of Microbiology & Immunology at the University of Western Ontario, we hosted an international symposium entitled, "Challenges of Microbial and Immune Diseases in the Next Millennium." The symposium included the inaugural Dr. R.G.E. Murray Annual Lecture given by Dr. Julian Davies.

Internationally renowned speakers addressed current controversies and challenges facing clinicians and scientists in infectious and immune diseases, ranging from how viruses have evolved to subvert the immune system of the host, to how autoimmunity may be regulated. State-of-the-art developments were discussed and reviewed by opinion leaders.

### **Location and Dates**

The Symposium was held at the London Convention Centre, 300 York Street, London, Ontario, on May 14 & 15, 1999.

### **Public Lecture**

Preceding the symposium the Department hosted a free public lecture by award winning author and science journalist, Jay Ingram, Co-Host and Producer of @discovery.ca. The "Microbes Rule The Earth" public lecture, was held on Thursday, May 13, 1999 at 7:00 p.m. at Althouse College, The University of Western Ontario, London, Ontario.

### **Program**

Friday May 14, 1999 Morning Session	Friday May 14, 1999 Afternoon Session	Saturday May 15, 1999 Morning Session
<p><b>Dr. R.G. E. Murray</b> Inaugural Lecture:</p> <p><b>"The New Microbiology"</b> <b>Dr. Julian Davies</b>, Professor Emeritus, The University of British Columbia, Chief Scientific Officer of TerraGen Diversity, Inc. Vancouver, BC</p> <p><b>Emerging Microbial Diseases</b></p> <p><b>"Burkholderia cepacia: The Changing Face of an Emerging Pathogen"</b> <b>Dr. David P. Speert</b> - Director, Pediatric Infectious Diseases, The University of British Columbia, Vancouver, BC</p> <p><b>"Multi-Resistant Enterococci: Molecular Mechanisms and Clinical Implications"</b> <b>Dr. Louis Rice</b>, Division of Antimicrobial Chemotherapy, VA Medical Center, Cleveland, OH</p>	<p><b>How Viruses Teach Immunology</b></p> <p><b>"Select Aspects of HIV Pathogenesis with Implications for Therapy and Prevention"</b> <b>Dr. Robert Gallo</b>, Director, Center of Medical Biotechnology, The University of Maryland, Baltimore, MD</p> <p><b>"CCR5 and HIV Pathogenesis"</b> <b>Dr. Phil Murphy</b>, The National Institutes of Health, Bethesda, MD</p> <p><b>"Adenoviruses Teach Apoptosis"</b> <b>Dr. Phil Branton</b>, Chair of Biochemistry, McGill University, Montreal, QC</p> <p><b>"How Poxviruses Teach Immunology"</b> <b>Dr. Grant McFadden</b>, Director, Viral Immunology and Pathogenesis Group, Robarts Research Institute, London, ON</p>	<p><b>Regulation and Prevention of Immune Diseases</b></p> <p><b>"The Interleukin-4 Receptor: Signaling Mechanisms and Biologic Functions"</b> <b>Dr. William Paul</b>, Chief, Laboratory of Immunology, National Institutes of Health, Bethesda, MD</p> <p><b>"T Cell Activation and Cell Death"</b> <b>Dr. Tak Mak</b>, Professor, Depts. of Medical Biophysics and Immunology, University of Toronto, Toronto, ON</p> <p><b>"Privilege and Peril: Apoptosis and FasL in Immune Control"</b> <b>Dr. Doug Green</b>, Head, Dept. of Cell Immunology, La Jolla Institute of Allergy and Immunology, La Jolla, CA</p> <p><b>"The Yin and Yang of CD28/CTLA-4 in Immune Control"</b> <b>Dr. Jeff Bluestone</b>, Director, The Ben May Institute for Cancer Research, The University of Chicago, Chicago, IL</p> <p><b>"Transplantation: Past, Present and Future"</b> <b>Dr. Jean Borel</b>, Novartis, Basel, Switzerland</p>

## **Dr. R.G.E. Murray Annual Lectureship**

Julian Davies is Emeritus Professor of Microbiology and Immunology at the University of British Columbia, Chief Scientific Officer of TerraGen Discovery Inc. and president-elect of the American Society of Microbiology. He is a Fellow of the Royal Society (U.K.) And the Royal Society of Canada. Davies' research interests are focused upon aspects of microbial ecology as they relate to disease. He has studied the origins and mechanisms of antibiotic resistance in bacteria. The aim of his research is to isolate novel enzymes and secondary metabolites for pharmaceutical application. Dr. Davies was the inaugural speaker of the Dr. R.G.E. Murray Annual Lectureship.

### **Organizing Committee**

Dr. K. Singhal (Chair)  
Dr. B. Singh  
Dr. D. Colby, MD  
Dr. R.G.E. Murray, MD  
Dr. S. Koval  
Dr. T. Delovitch  
Mr. M. Krawetz

### **For more information please contact us.**

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Send comments or questions to [FMR Williams](mailto:FMRWilliams@uwo.ca)

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