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
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**Dr. R.G. E. Murray**  
*Inaugural Lecture:*  
"The New Microbiology"  
*Dr. Julian Davies*, Professor Emeritus, The University of British Columbia, Chief Scientific Officer of TerraGen Diversity, Inc. Vancouver, BC

**Emerging Microbial Diseases**  
"*Burkholderia cepacia*: The Changing Face of an Emerging Pathogen"  
**Dr. David P. Speert** - Director, Pediatric Infectious Diseases, The University of British Columbia, Vancouver, BC

"*Multiresistant Enterococci*: Molecular Mechanisms and Clinical Implications"  
**Dr. Louis Rice**, Division of Antimicrobial Chemotherapy, VA Medical Center, Cleveland, OH

**How Viruses Teach Immunology**  
"Select Aspects of HIV Pathogenesis with Implications for Therapy and Prevention"  
**Dr. Robert Gallo**, Director, Center of Medical Biotechnology, The University of Maryland, Baltimore, MD

"*CCR5 and HIV Pathogenesis*"  
**Dr. Phil Murphy**, The National Institutes of Health, Bethesda, MD

"*Adenoviruses Teach Apoptosis*"  
**Dr. Phil Branton**, Chair of Biochemistry, McGill University, Montreal, QC

"*How Poxviruses Teach Immunology*"  
**Dr. Grant McFadden**, Director, Viral Immunology and Pathogenesis Group, Robarts Research Institute, London, ON

**Dr. Louis Rice**  
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**Regulation and Prevention of Immune Diseases**  
"The Interleukin-4 Receptor: Signaling Mechanisms and Biologic Functions"  
*Dr. William Paul*, Chief, Laboratory of Immunology, National Institutes of Health, Bethesda, MD

"T Cell Activation and Cell Death"  
*Dr. Tak Mak*, Professor, Depts. of Medical Biophysics and Immunology, University of Toronto, Toronto, ON

"Privilege and Peril: Apoptosis and FasL in Immune Control"  
*Dr. Doug Green*, Head, Dept. of Cell Immunology, La Jolla Institute of Allergy and Immunology, La Jolla, CA

"The Yin and Yang of CD28/CTLA-4 in Immune Control"  
*Dr. Jeff Bluestone*, Director, The Ben May Institute for Cancer Research, The University of Chicago, Chicago, IL

"Transplantation: Past, Present and Future"  
*Dr. Jean Borel*, Novartis, Basel, Switzerland
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

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