

Harald zur Hausen, M.D.
2005 PASCV Clinical Virology Award
Compliments of Bion Enterprises

Dr. zur Hausen received his M.D. in 1960 in Germany and worked subsequently in the Institutes of Virology in Duesseldorf, Germany, Philadelphia, PA, USA, and Wuerzburg, Germany. In 1972 he was named Chairman of the Department of Virology, University Erlangen-Nuernberg, and was subsequently named to the same position at the University of Freiburg.



From 1983 to 2003 he served as Scientific Director of the German Cancer Research Center (DKFZ) in Heidelberg. Dr. zur Hausen received a number of national and international awards, including the Robert-Koch-Price, Paul-Ehrlich-Price, Charles S. Mott Price of the General Motors Cancer Research Foundation, Charles R. Brupbacher Price Zuerich. Several honorary doctorates were awarded to him: from the Universities of Chicago, USA; Umea, Sweden; Prague, Czech Republic; Salford, UK; and Helsinki, Finland.

Dr. zur Hausen is an elected member of various academies and research organizations, including the Institute of Medicine of the US National Academy of Sciences, American Philosophical Society, German Academy LEOPOLDINA, European Molecular Biology Organization (EMBO). Dr. zur Hausen is author or co-author of 270 papers in international journals.

Marie Louise Landry, M.D.
2005 PASCV Diagnostic Virology Award
Compliments of Becton Dickinson

Dr. Landry received her M.D. from Georgetown University School of Medicine, and completed a residency in Internal Medicine and a fellowship in Infectious Diseases at Yale University. She was a fellow in Clinical Virology with Dr. G.D. Hsiung and a fellow in molecular biology with Dr. William Summers at Yale. In 1984, Dr. Landry assisted Dr. Hsiung in establishing the Veterans Administration's Virology Reference Laboratory and was the Director of the Laboratory from 1988 to 1999. In 1991, together with David Ferguson, she established the Clinical Virology Laboratory in the Department of Laboratory Medicine at Yale-New Haven Hospital. She is currently Director of the Clinical Virology Laboratory and Professor of Laboratory Medicine at Yale.

Dr. Landry received the Bohmfalk Teaching Prize for outstanding teacher of the basic sciences at Yale School of Medicine in 1995. She has served as Councilor, Secretary-Treasurer, and President of the Pan American Society for Clinical Virology. She was Virology Section Editor for the 8th edition of the *Manual of Clinical Microbiology*, and is currently Virology Volume Editor for the 9th edition.

Her research interests over the years have included pathogenesis of genital herpes in the guinea pig model, immune responses to respiratory viruses, and optimization of culture, immunologic and molecular methods for the rapid and accurate diagnosis of viral infections. Dr. Landry has authored over 120 scientific publications, reviews and chapters, and is co-author of *Hsiung's Diagnostic Virology*.

She has two adult sons and lives in Guilford, Connecticut with her husband Peter Aronson, a Professor of Internal Medicine and Molecular and Cellular Physiology at Yale.



**Marcela Echavarria, Ph.D.
Young Investigator Award
Compliments of REMEL, Inc.**

Dr. Echavarria received her degree as Clinical Biochemist from the University of Buenos Aires in 1992, took her residency in Clinical Pathology at CEMIC University Hospital in Buenos Aires and her advanced specialty work in Virology with Dr. Guadalupe Carballal. In 1997- 99, she was a post-doctoral fellow in Microbiology at Johns Hopkins Medical University, Baltimore, USA, where she initiated her research on adenoviruses. In 2003, she received her Ph. D. degree from the School of Medicine, University of Buenos Aires.



At Johns Hopkins, Dr. Echavarria with her mentors and colleagues (Dr. Patricia Charache, Dr. John Ticehurst, Dr. Steve Dumler, Mr. Michael Forman and Ms. Julie Knepp) developed and validated a PCR method for adenoviruses detection that permitted detection of the virus in cases and body sites for which culture was absent, or only occurred late in the disease course. It documented the presence of adenovirus viremia for the first time in bone marrow recipient patients who were shown to have disseminated disease (*Lancet 2001*). The work allowed a deeper understanding of the pathogenic properties of the virus, and its range of clinical presentations, especially in patients immunocompromised by cancer chemotherapy, HIV, and transplantation.

Dr. Echavarria was Research Associate at Walter Reed Army Institute of Research, Washington, DC, USA, where she established the molecular laboratory for adenoviruses detection and collaborated with investigations on respiratory outbreaks of adenoviruses among military recruits. In 1999, she developed a real time PCR approach for adenoviruses diagnosis and quantification. She extended these tools to epidemiologic studies designed to show the presence and persistence of adenovirus on environmental surfaces, in settings capable of disease transmission.

In 2000, she returned to CEMIC University Hospital, Buenos Aires and received a grant to start the first prospective study on adenoviruses in bone marrow transplant recipients. In 2002, she joined the faculty at the Virology Laboratory, CEMIC University. She is currently an Assistant Professor of Microbiology and Immunology and Principal Investigator at CEMIC, and Research Assistant at the National Council of Scientific and Technological Research, CONICET, Argentina. She is actively involved in research projects involving adenoviruses and BK virus and continues scientific collaborations worldwide. She has authored 13 scientific publications and two book chapters.

In 2003, Dr. Echavarria as Academic Secretary and Dr. Carballal as Chairman, organized the First Clinical Virology Symposium in Argentina, a conference that contributed to active communication and interaction among virologists worldwide.

Travel Awards for Outstanding Abstract Submissions

The Edwin Lennette and G.D. "Edith" Hsiung Awards for Outstanding Abstracts are established and funded by Diagnostic Hybrids, Inc. The Mario Escobar Award for Outstanding Latin/South American Abstract submission is funded by the Clinical Virology Symposium.

Award recipients for 2005:

Edwin Lennette Award – Janie Trepanier
G.D. "Edith" Hsiung Award – Charlotte Romain
Mario Escobar Award – Juan Pancuale