

XXVIII Congress of the International Society for Advancement of Cytometry

Klaus Ley La Jolla Institute for Allergy & Immunology

Professional Experience: Professional Experience: 1987-1989, Visiting Research Bioengineer at AMES-Bioengineering, UCSD; 1990-1994, Instructor; Assistant Professor (C1),Dept. Physiology, Freie Universität Berlin, Germany; 1994-1999, Associate Professor of Biomedical Engineering, University of Virginia School of Medicine; 1999-present, Professor of Biomedical Engineering, Molecular Physiology and Biological Physics, University of Virginia; 2002-2007, Director, Cardiovascular Research Center, University of Virginia; 2003-2007, David A. Harrison Medical Teaching Professor; *Professor and Head, Division of Inflammation Biology, La Jolla Institute for Allergy and Immunology* 2007-present.

Honors and Awards: 1980, Pre-doctoral research fellowship by Studienstiftung des Deutschen Volkes; 1983, M.D. Research Thesis, summa cum laude; 1986, Abbott Award: Scientific award of the European Society for Microcirculation; 1992, Basic Medical Research Award (Medizinische Grundlagenforschung), Smith-Kline-Beecham Foundation; 2000-2004, NIH Pathology A study section, charter member; 2000, Annual Gelber Lecturer, Baylor College of Medicine; 2001, American Institute for Medical and Biological Engineering (AIMBE), Elected Fellow; 2001, Curt A. Wiederhielm Award of the Microcirculatory Society; 2001, Kurt Anderson Memorial Lectureship, UTMB Galveston; 2003, Faculty of 1000, elected contributing member of Cell Biology section; 2005 Plenary Lecturer at the annual ATVB Conference; 2005 Track Chair for BMES, 2008 Bonazinga Award of the Society for Leukocyte Biology, 2010 Malpighi Award of the European Society for Microscirulation.

Editorial Boards: Arteriosclerosis, Thrombosis and Vascular Biology (2007- present), Circulation Research (2009-2011), American Journal of Physiology: Heart and Circulatory Physiology (1993-1999), Microcirculation (1999-2004), Regulatory and Interactive Physiology (2001-2007), Journal of Experimental Medicine (2003-present), Journal of Clinical Investigation (2005-present). Associate Editor: Microvascular Research (1996-2009). Section Editor: Journal of Leukocyte Biology (1998-2005), Journal of Immunology (2005-2009); Editor: Editor for Microcirculation volume special issue "Adhesion under Flow", 2009, Handbook