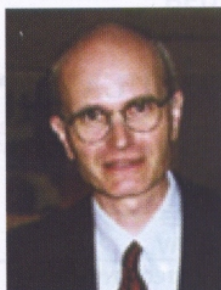


APRESENTAÇÃO DE CURRÍCULUM DO PROFESSOR DOUTOR AXEL R. PRIES



NAME: Axel R. Pries
 DEGREE: Professor of Physiology
 BIRTHDATE: February 20, 1954 in Cologne
 OFFICE: Freie Universität Berlin, Dept. of Physiology, Arnimallee 22, 14195 Berlin, Germany
 tel: +49-30-8445 1631; fax: +49-30-8445 16 34; e-mail: pries@zedat.fu-berlin.de

EDUCATION:

09/1997 Specialist in Physiology (Facharzt für Physiologie), Ärztekammer Berlin

PROFESSIONAL EMPLOYMENT:

1995 Associate Professor, Department of Physiology, Freie Universität Berlin
 10/1999-present Acting Head, Vegetative Physiology Section, Department of Physiology, Freie Universität Berlin
 02/2001-present Head, Department of Physiology, Freie Universität Berlin

RESEARCH INTERESTS:

Microcirculation
 Blood rheology*
 Vascular adaptation*
 Angiogenesis*
 Ischemia/Reperfusion
 Endothelial surfaces*
 *(experiments and mathematical model simulations)

HONORS AND AWARDS:

1980 *Thesis Award, Hochhausstiftung*, Medical Faculty, University of Cologne
 1986 *Abbott Microcirculation Award*, European Society for Microcirculation:
 K. Ley, A.R. Pries, P. Gaehtgens:
 "Topological structure of rat mesenteric microvessel networks".
 Microvasc. Res. 32: 315-332 (1986)
 1992 *Best Poster Award*, European Association of Cardiothoracic Anaesthesiologists:
 B. Lamparter, A. Pries, J.-H. Baumert, M. Adt, P. Gaehtgens:
 "Potentiation of microvascular contraction after norepinephrine application caused by impaired endothelial function in rat mesenteric arteries"
 7th Annual Meeting der EACTA '92 in Maastricht, Holland
 1995 International Society for Clinical Haemorheology and Laboratoire L. Lafon Hemorheology-*Microcirculation Award*:
 A.R. Pries, T.W. Secomb, T. Gessner, M.B. Sperandio, J.F. Gross, P. Gaehtgens: "Resistance to blood flow in microvessels *in vivo*".
 Circ. Res. 75: 904-915 (1994)
 2000 *Fellow of the European Society of Cardiology*

EDITORIAL BOARDS:

Pflügers Archiv European Journal of Physiology
 Journal of Vascular Research
 Microcirculation
 Bulletin of the Portuguese Society of Hemorheology and Microcirculation

REFEREE for JOURNALS:

American Journal of Physiology, Annals of Biomedical Engineering, Basic Research in Cardiology, Biophysical Journal, Biorheology,
 Cardiovascular Research, Circulation Research, Clinical and Experimental Hypertension, European Surgical Research,
 Infusionstherapie and Transfusionsmedizin, International Journal of Microcirculation: Clinical and Experimental,
 International Journal of Sports Medicine, Journal of Anatomy, Journal of Applied Physiology and Occupational Physiology,
 Journal of Biomedical Engineering, Journal of Fluid Mechanics, Journal of Physiology (London)
 Journal of Vascular Research, Microcirculation, Pflügers Archiv European Journal of Physiology, Phlebologie, Science