

## **BIBLIOGRAPHICAL SKETCH - Beat H. Walpoth, MD, PD, FAHA**

Beat H. Walpoth, MD, PD, FAHA, is a trained cardiovascular surgeon, past Director of Cardiovascular Research in the Department of Surgery at Geneva University Hospital, Switzerland. He obtained his medical degree in 1972 at the University of Zurich, followed by Board of Surgery (including thoracic and cardiovascular) in 1982. Postgraduate training included two years at the Peter Bent Brigham, a Harvard university hospital, Boston (1973-75) and cardiac transplantation at Stanford University (1982-84). Teaching appointments were held at Harvard Medical School, Universities of Bern and Geneva and still ongoing in Verona University (Visiting Professor). Dr. Walpoth is a recipient of several national and international awards, including the ESAO Wichtig, the ESAO Buecherl, ISAO, and the ESSR Lifetime Achievement Awards for his research on vascular tissue engineering. He has over 150 publications, of which more than 50 are first-author papers, in peer reviewed journals. Past-president of the European Society for Artificial Organs (ESAO); organizer of the Annual Congresses of the ESAO in 2000 in Lausanne, and 2008 in Geneva, as well as co-organiser of ESAO Winter Schools in 2007, 2008 and 2012. He has also been responsible for the bi-annual Swiss Experimental Surgery Symposium (2006, 2008, 2010, 2012 and 2016). As from 2004 he is a member of the International Faculty for Artificial Organs and the Director of the Internationally Co-tutored PhD Course in biotechnology and bioengineering (Universities of Geneva and Verona) since 2005. Up to 2019 he held the presidency of the International Symposium on Vascular Tissue Engineering (ISVTE) and created the TERMIS Thematic Group on Vascular Tissue Engineering. Editor of the Springer Reference Series book on 'Tissue Engineered Vascular Grafts' 2020. His main areas of interest include vascular tissue engineering, cell therapy, angiogenesis as well as bio-artificial cardiovascular support. Other areas of interest are cardiovascular physiology, coronary blood flow measurements, rejection and transplantation immunology as well as hypothermia for which he has initiated the International Hypothermia Registry. His future projects are to support the initiated changes from artificial to bio-artificial, i.e. tissue engineered organs, as well as continuing international teaching, networking and consulting in the field of cardiovascular bio-engineering.

