



Prof. Hans-Joachim Freisleben, DMedSc, MPharm, PhD

Professor of Biomedical Pharmacology

- Mitochondrial energy turnover, reactive oxygen species and antioxidants
- Cardiac ischemia, hypoxia and reperfusion
- Iron overload and oxidative stress in thalassemia
- Archaeal tetraether lipids and liposomal therapeutic systems

Prof. Freisleben has a pharmaceutical and medical background from Johann-Wolfgang-Goethe-University in Frankfurt am Main (Germany) holding a Master of Pharmacy (MPharm) and a Doctor of Medical Science (DMedSc) majoring Biochemical Pharmacology, Medical Microbiology and Laboratory Medicine. After his Postdoc at the University of Berkeley (CA, USA) and his German Habilitation with a PhD in Physiological Chemistry he was appointed Assistant Professor (Priv.-Doz.) as Head of the Laboratory of Microbiological Chemistry at Frankfurt University (1988-1993). In 1993, he took over a Human Capital and Mobility Project of the European Community on “iron overload and oxidative stress in thalassemia” at the University Hospital of Patras (Greece) and the University of Palermo (Italy) followed by a Guest Professorship at the University of Graz (Austria). Then, Prof. Freisleben assigned as Subject Medicine Consultant to the Six Universities Development and Rehabilitation (SUDR) Project in Indonesia and was appointed Professor of Biomedical Pharmacology at the Medical Faculty of Universitas Indonesia in 1998. From 1999 until 2001, he was a visiting Professor to the University of Sydney (Australia) with a cooperation project on thalassemia patients from Jakarta (Indonesia). He returned to Germany and was elected President of the German-Indonesian Medical Association, German Section (DIGM e.V.). In 2009, Prof. Freisleben returned to the Faculty of Medicine Universitas Indonesia as Head of the Medical Research Unit. From 2015, he has been Professor emeritus, still supervising doctoral students. Prof. Freisleben authored and co-authored more than 130 scientific articles in peer-reviewed journals and books and contributed to about 200 scientific congresses around the globe. He is a co-founder of the Indonesian Societies of Toxicology and of Free Radical Research, a member of several international professional associations and an often awarded reviewer and a member of the Editorial Board of several scientific journals. He was also awarded by various universities and frequently as an invited speaker in international congresses.