

Prof. Dr. Khosrow Mottaghy
Dept. of Physiology
RWTH Aachen University
Pauwelsstr. 30
D-52074 Aachen, Germany

CURRICULUM VITAE

Name Khosrow Mottaghy
Date of birth April 30th 1944
Nationality German
Residence Aachen, Germany
Marital status Married, four children
Professional status Prof. of Physiology, RWTH Aachen University

Educational Career

School / College
1950 - 1962 Primary and High School Teheran
1964 Studienkolleg, University of Munich
University Study Engineering, Technical University of Munich
Biology, Ludwig-Maximilians-University, Munich (LMU)
Medicine (pre-clinical) Ruhr-Universität, Bochum

Degrees

1971 Diplom Ingenieur
1975 Doctorate, Dr. rer. nat. (PhD)
1985 Habilitation Applied Physiology, Priv. - Dozent,
Rheinisch Westfälische Technische Hochschule Aachen
(RWTH, Aachen University)
1991 Professor of „Applied Physiology“

Professional Career

1972 - 1974 Scientific fellowship in experimental heart surgery,
University of Munich and German-Heart-Center, Munich
1975 - 1991 Assistant, Priv. - Doz.,
Dept. of Physiology, University Hospital, RWTH Aachen
Since 1991 Professor for Physiology RWTH Aachen University Hospital,
Dept. of Physiology

Scientific Topics

Artificial Organs,
Gas Exchange and Artificial Lung
Hemorheology,
Extracorporeal Membrane Oxygenation and CO₂-Removal
Experimental Long-Term Lung Support
Biomaterials, Hemocompatibility
Surface Modifications
Medical Devices (Rheo-Oxymeter, Rheo-Coagulometer, Tensiometer)
Patents (Oxygenators, Blood Pump)

Teaching

Medicine and Dentistry students,
Biomedical Engineering Students – Master Program
(General Physiology and Artificial Organs),
Chairman of the Examination Board
Faculty Delegate for Student Exchange Programs

Scientific Commitment

Faculty: Board Member of Interdisciplinary Research (IZKF-
Biomaterials 1996-2001)
Delegated for International Student Mobility
Former Member of the “Boards of Governors” of “European Society for
Artificial Organs” (ESAO)
Section Editor of the International Journal of Artificial Organs

Memberships

German Physiologist Society
1) European Society for Artificial Organs (ESAO)
2) Founding Member of European Extracorporeal Life Support Organization (EESO)
3) German University Professor Association