

# Curriculum Vitae

**Hugo A. Katus, M.D.**

Professor in Internal Medicine and Cardiology  
Departement of Internal Medicine  
University of Heidelberg  
Im Neuenheimer Feld 410  
69120 Heidelberg  
GERMANY

Born: November 30, 1951 in Steinfeld, Rheinland-Pfalz,  
Citizen of the Federal Republic of Germany

## Education and Professional Achievements

- 1958 - 62 Elementary School in Steinfeld, Rheinland-Pfalz
- 1962 - 70 High School and College at the Heimschule Lender in Sasbach, Baden-Wuerttemberg
- 1970 - 76 Medical School at the University of Heidelberg
- 1976 M.D.-Degree, University of Heidelberg
- 1976 - 78 Training in Internal Medicine at the University Hospital of Heidelberg
- 1978 - 80 Research Fellow at the Massachussetts General Hospital, Harvard Medical School, Boston (Mol. Cell. Cardiol. Research Laboratory, Edgar Haber M.D.)
- 1980 - 86 Training in Internal Medicine and Cardiology at the University Hospital of Heidelberg
- 1986 „Oberarzt“ (Senior Physician) at the University Hospital of Heidelberg
- 1988 Associate Professor in Internal Medicine at the University of Heidelberg
- 1992 Vice Director of the Departement of Internal Medicine III (Cardiology, Angiology, Pulmonology) and Director of the Cardiac Catheterization Unit at the University of Heidelberg
- 1995 Associate Professor at the University of Heidelberg, Medical School
- 1996 Professor in Internal Medicine and Head of Internal Medicine Cardiology at the University of Lübeck
- 2002 Professor in Internal Medicine and Head of Cardiovascular Medicine at the University of Heidelberg
- 2002 President of the Academy of the German Society of Cardiology

- 2002 Speaker of the Cardiovascular Disease Section of the National Genom Research Network
- 2004 Editor of Clinical Research in Cardiology (Official Scientific Journal of the German Cardiac Society)
- 2005 Head of Internal Medicine, University of Heidelberg
- 2008 Speaker of the National Genom Research Network

### **Research Interests in Cardiovascular Medicine**

- 1973 - 76 Experimental electrophysiology (voltage-clamp-techniques, excitation-contraction-coupling)
- 1976 - 78 Clinical hemodynamics (pressure volume measurements, assessment of contractility indices in the human heart)
- 1978 - Biochemistry, Immunology, Clinical Chemistry (new diagnostic methods for the detection of myocardial cell necrosis, cardiac markers of myocardial injury)
- 1985 - 91 Biochemistry, Physiology, Muscle Contraction (skinned fibres, isoform expression of myofibrillar proteins)
- 1991 - Molecular Biology, Molecular and clinical Genetics, (Causes of familial dilatative cardiomyopathy, somatic gene transfer, transgenic animals)

### **Publications**

- 487 original articles
- 25 book articles
- 6 patents

### **Honours and Awards**

- 1995 Innovation Award of the German Ministry of Economy
- 1997 Artur Weber Award of the German Society of Cardiology
- 1999 Franz Loogen Award of the Essen Cardiac Society
- 2006 Award to outstanding contribution to Clinical Chemistry from the American Society of Clinical Chemistry

### **Professional Memberships**

1988 - present Member, Deutsche Gesellschaft für Herz- und Kreislaufforschung

1988 - present Member, American Heart Association, Basic Science

1989 - present Member, International Society for Heart Research

1992 - present Member, Deutsche Gesellschaft für Innere Medizin

1998 - present Fellow of the European Society of Cardiology

### **Research Grants**

- \* Deutsche Forschungsgemeinschaft
- \* Bundesministerium fuer Forschung und Technologie
- \* Several private and public research foundations