



1993.1995 Vicedirector Institute of Pharmaceutical Sciences, University of Tübingen  
1995.1998 Managing Director Institute of Pharmaceutical Sciences, University of Tübingen  
2001 Emeritus

## HONOURS

1970-1971 Stipend from the Paul-Martini-Foundation to support the clinical pharmacology for a stay at Harvard University, Cambridge, Boston, Research Institute for Diabetology  
1992 Gold Medal Chamber of Pharmacists Baden-Württemberg  
1997 Phönix-Pharmazie Wissenschaftspreis 1997  
1999 Verdienstkreuz am Bande des Verdienstordens der Bundesrepublik Deutschland  
2000 Max-Lesmüller-Medal of the German Chamber of Pharmacists  
several scientific awards  
2011 Research Prize of the Heinz Bürger-Büsing Foundation for the Research and Treatment of diabetes mellitus e.V.

## SCIENTIFIC FIELDS OF INTERESTS

- 1.) Energy metabolism of the brain under the influence of sedatives and narcotics
- 2.) Metabolic effects of alcohol
- 3.) Alcohol and Coenzyme A
- 4.) Metabolic and pharmacological effects of caffeine
- 5.) Metabolic effects of  $\beta$ -antagonists
- 6.) Metabolic effects of antilipolytic drugs
- 7.) Biochemical mechanism of the secretion of insulin from islets of Langerhans:  
significance of
  - redox systems
  - neuropeptides
  - feedback regulation
  - role of phosphatases
  - regulation of calcium and potassiumchannels
- 8.) Antidiabetic drugs
- 9.) Bioartificial pancreas
- 10.) Glucose sensor
- 11.) Pharmacological actions of medicinal plants
- 12.) Boswellic acids as specific non-redox inhibitors of 5-lipoxygenase > Link
- 13.) Clinical studies with extracts from gum resin of boswellia serrata
- 14.) Traditional Indian Medicine (Ayurveda)

## SCIENTIFIC WORK

220 Original scientific papers and Reviews  
380 Original scientific presentations

## GENERAL PUBLICATIONS ON PHARMACOLOGICAL TOPICS

### EDITORSHIPS

Coeditor of: F. Heim and H.P.T. Ammon:  
"Coffein und andere Methylxanthine"  
Schattauer-Verlag, Stuttgart / New York, 1969

Editor and author of: H.P.T. Ammon:  
Handbook "Arzneimittelneben- und -wechselwirkungen" (Side effects of drugs and drug interactions).  
Wiss. Verlagsgesellschaft, Stuttgart,

1981	1st edition
1986	2nd edition
1991	3rd edition
2000	4th edition

H.P.T. Ammon und C. Werning (Eds.):  
"Medizinisch-Pharmakologisches Kompendium"  
(now 20 volumes with different topics), Wissenschaftliche Verlagsgesellschaft, Stuttgart

Editor of: „Hunnius, Wörterbuch der Pharmazie“ Walter de Gruyter Verlag Berlin 2004 9<sup>th</sup> edition

1978-1994	Co-Editor Planta Medica (J. of Med. Plant Res.)
1984-	Scientific Board Pakistan Journal of Pharmacology
1984-	Scientific Board Med. Mo. Pharm.
1986-	Scientific Board Scientia Pharmaceutica
1987-	Scientific Board Archiv der Pharmazie
1994-	Editorial Board Phytomedicine
1995-	Associate Editor Exp. Clin. Endocrinol. Diab.

### FORMER AND PRESENT MEMBERSHIP IN SCIENTIFIC SOCIETIES

American Association for the Advancement of Science  
American Diabetes Association (ADA)  
American Endocrine Society  
Deutsche Diabetes-Gesellschaft (DDG) – German Diabetes Association  
    1989-1995      Member of board  
    1994.1995      President  
Deutsche Gesellschaft für Biologische Chemie – German Society of Biological Chemistry  
Deutsche Gesellschaft für exp. und klinische Pharmakologie und Toxikologie –  
German Society for Exp. and Clinical Pharmacology and Toxicology  
    1989-            Committee for education  
Deutsche Pharmazeutische Gesellschaft (DPhG)/German Pharmaceutical Society (DPhG)  
    1984.1987      Chairman of Deutsche Pharmazeutische Gesellschaft e.V. –  
    1984.1988      Section Südwürttemberg-Hohenzollern  
    1985-2003      Member of Council  
    1985-1997      Chairman "Division of Pharmacology"  
    1996-1999      President  
European Society for the Study of Diabetes (EASD)  
International Diabetes Federation (IDF)  
New York Academy of Sciences

Society of Medicinal Plant Research

1975-1993 Member Scientific Board

1989-1994 Speaker Committee Pharmacology, biological activity of natural products

European Ayurvedic Medical Association (EURAMA)

2008 Member of board