

Helmut K. Seitz, MD, AGAF

Curriculum vitae

Distinguished Professor for Internal Medicine, Gastroenterology and Alcohol Research (Analogue Chair), University of Heidelberg, Germany

Medical Director Salem Medical Centre & St Vincentius Hospital, Heidelberg, Germany

Chief Department of Medicine (Gastroenterology, Infectious Disease and Metabolism), Salem Medical Centre and Department of Medicine (General Internal Medicine), St Vincentius Hospital, Heidelberg, Germany

Director Alcohol Research Centre, University of Heidelberg, Heidelberg, Germany

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Date of birth May 27th, 1950

Place of birth Stuttgart, Baden-Wuerttemberg

Status: married, one child

School and University Education

1969 Abitur (with distinction); Albert Schweitzer Gymnasium Leonberg, Baden
Wuerttemberg, Germany

1969-70 Stuttgart University, Chemistry

1970-75 Heidelberg University, Medicine

9.12.1975 Staatsexamen Medicine

16.12.1975 Dissertation (magna cum laude)
Titel: Renal Excretion of Cyclic AMP in Secondary Hyperparathyroidism

1976 Tübingen University, Biochemistry

Postdoc Training, Clinical Appointments and Professional Career

1976-77 Medical Assistant, Departments of Surgery, Internal Medicine, and Pathology,
University of Heidelberg, Germany

1977-79 Research Fellow (Deutsche Forschungsgemeinschaft)
Alcohol Research and Treatment Centre, V.A. Medical Centre and Mount
Sinai School of Medicine (City University of New York), New York, USA
Direktor: Charles S. Lieber, M.D.

12.06.1979 ECFMG

1979-85 Assistant Physician, Department of Medicine (Gastroenterology), University
of Heidelberg, Germany Director: Prof. Dr. B. Kommerell

21.12.1983 Consulting Physician for Internal Medicine

26.8.1985 Consulting Physician for Gastroenterology

1986-91 Assistant Medical Director Department of Medicine (Gastroenterology)
(Director: Prof. Dr. B. Kommerell) and

	Medical Policlinic (Director: Prof. Dr. W. Hunstein), University of Heidelberg
since 1991	Direktor: Department of Medicine (Gastroenterology), Salem Medical Centre, Heidelberg, Germany.
since 2000	Medical Director Salem Medical Centre, Heidelberg, Germany
since 2001	Director Laboratory für Alcohol Research, Liver Disease and Nutrition, Salem Medical Centre Heidelberg, Germany
since 2007	Distinguished Professor for Internal Medicine, Gastroenterology and Alcohol Research, University of Heidelberg (analogue Chair) and Director of the Centre of Alcohol Research (CAR), University of Heidelberg, Heidelberg, Germany
since 2010	Medical Director St Vincentius Hospital Heidelberg, and Chief Department of Internal Medicine, St Vincentius Hospital, Heidelberg, Germany

Academic Appointments

1970-79	Research Fellow (Deutsche Forschungsgemeinschaft), Alcohol Research and Treatment Centre, V.A. Medical Centre, Bronx, New York and Mount Sinai Medical Centre, New York, USA (Prof. Dr. Charles S. Lieber)
19.7.1984	Habilitation Internal Medicine (Experimental Studies on the cocarcinogenic effects of ethanol)
14.2.1985	Venia legend
19.4.1985	Inaugural (Pathogenesis of colorectal cancer)
1986	Northwick Park Hospital, MRC, London, Great Britain (Gerhard Katsch Fellowship of the German Society of Gastroenterology)
1986	USDA, Human Nutrition Research Centre. On Aging, Tufts University Boston, MA, USA (Gerhard Katsch Fellowship of the German Society of Gastroenterology)
1991	USDA, Human Nutrition Research Centre On Aging, Tufts University, Boston, MA, USA (Asche Fellowship of the German Association of Gastroenterology)
27.9.1991	Full Professor of Medicine, University of Heidelberg
16.2.2004	Honorary Professor Tongji Medical College, Huazhong Universität Wuhan, People's Republic of China
17.7.2007	Distinguished Professor of Internal Medicine, Gastroenterology and Alcohol Research (analogue Chair), University of Heidelberg, Germany
2008	Fellow of the American Gastroenterological Association

Grants

1977-79	Postdoc Research Grant, Deutsche Forschungsgemeinschaft. Research Fellow, Alcohol Research and Treatment Centre, Bronx, New York, USA
1981	DAAD Grant: St. Marks Hospital, London
1981-83	Deutsche Forschungsgemeinschaft. Grant (Se 333/1-4) Alcohol and Gastrointestinal Tract
1984-85	Deutsche Forschungsgemeinschaft Grant (Se 333/6-1) Alcohol and rectal cancer: Bile Acids and colorectal cancer

- 1986-88 Deutsche Forschungsgemeinschaft Grant (Se 333/6-2) Colorectal carcinogenesis: Alcohol and cell regeneration
- 1986 Gerhard Katsch Studienstiftung (1.1.-30.4.1986)
1. Div. Of Cell Biology, Medical Research Ctr., Northwick Park Hospital, Harrow, U.K. (Director: T.J. Peters, M.D.)
 2. USDA, Human Nutrition Research Ctr. on Aging and New England Medical Ctr., Tufts University, Boston, USA
- 1990 Asche Research Grant (Department of Gastroenterology and Nutrition, Nutrition Research Centre, Tufts University, Boston, USA)
Title: Alcoholdehydrogenase in the human stomach
- 1993, 1996 Biomed and Health Research (Biomed 1) Grant of the European Community: Genetics and Biochemical Determinants of Alcohol Toxicity and Addiction. Together with
1. Department of Biochemistry and Molecular Biology, Autonomous University of Barcelona, Spain
 2. Department of Medical Biochemistry and Biophysics, Karolinska Institute, Stockholm, Sweden
 3. Department of Biochemistry and Molecular Biology, University of Bordeaux, Bordeaux, France
- 1994-99 British-German Academic Research Collaboration (ARC). (Prof. Timothy Peters) Dept. of Clinical Biochemistry, Kings College, London/UK
- 1999-2000 Scientific Research Promotionprogram, Medical Faculty, University of Heidelberg (Alcohol induced pancreatic toxicity) Project 121/1999. In Colaboration with the Department of Surgery, University Heidelberg
- 2007-12 Research Grant Dietmar Hopp Foundation: Alcohol and Cancer (€ 517.000)
- 2012-15 Continuation of the Grant Dietmar Hopp Foundation: Alcohol and Cancer (€ 198.000)
- 2009-14 Research Grant Manfred Lautenschläger Foundation: Pathophysiological mechanisms of alcoholic liver disease (€ 250.000)
- 2010-13 Interdisciplinary Research Program (National Cancer Centre Heidelberg): DNA methylation as a biomarker for molecular diagnostic in human colon cancer (€ 100.000). Cooperation with PD Dr. H Linhart
- 2010-14 Research Grant Manfred Lautenschläger Foundation: Alcohol, hepatocellular damage and cancer (€ 237.000) Cooperation with Prof. Dr. S. Mueller
- 2011-16 NIAAA Grant (GWAS on Alcohol and Liver Cirrhosis). Global Cooperative study (PI : Timothy Morgan, USA) (\$ 2.600.000)
Together with
1. Drug Health Services, Prince Alfred Hospital, Univ. Sydney, Australia (P. Haber, D. Seth)
 2. Department of Visceral Surgery and Medicine, Univ. Bern, Switzerland (F. Stickel)
 3. Inst. Cellular Medicine, Univ. Newcastle upon Tyne, UK (C.Day)
 4. Gastroenterology Section, VA Long Beach Healthcare System, Long Beach, USA (t. Morgan)
 5. Department of Psychology, Purdue School of Science, Indiana Univ., Indianapolis, USA (L Lumeng)

6. Department of hepato-Gastroenterology, Univ. Of Lille, Lille, France (P Mathurin)

Clinical Studies

- 1994-96 Sensitivity and Specificity of Ki-ras PCR in pancreatic cancer
Cooperation with Dept. Hematology, University Homburg/Saar
- 1995 Effect of essential phospholipids and a-interferon on the progression of hepatitis C. In cooperation with Nattermann Company Köln
- 1994-98 Effect of Silymarin on mortality in alcoholic liver cirrhosis. Placebo controlled double blind multicentre trial (PI Seitz HK, Fleig W)
- 2000-04 Magnetspectroscopic studies in alcoholic hepatitis. Cooperationspartner German Cancer Centre (DKFZ) Heidelberg
- 2006-10 Conservative vs. surgical therapy in acute cholecystitis. Randomized Controlled Trial Cooperationspartner Department of Surgery University of Heidelberg
- seit 2008 International GWAS Study: Alcoholic cirrhosis oft the liver: (PI T. Morgan, USA)
- 2010-13 Epigenetics in colorectal cancer. Cooperationspartner: NCT und DKFZ Heidelberg
- since 2008 Transient Elastography in alcoholic liver disease
Since 2014 Effect of NALMEFENE on the improvement of alcoholic liver disease
- since 2015 Effect of Chlormethiazol on alcoholic liver disease: randomized controlled Trial. (PI Seitz HK, Haefeli W)

Awards and Honours

- 1984 Walther und Christine Richtzenhain Preis
German Cancer Researrch Centre (DKFZ), Heidelberg
Title: Enhancement of 1,2-dimethyl-hydrazine induced rectal carcinogenesis following chronic ethanol consumption in the rat
- 1985 St. Gallen Research Award
St. Gallen, Schweiz
Title: Experimental animal studies on the cocarcinogenic effect of alcohol on the rectum
- 1986 Homburg Prize
Regensburger Kollegium für ärztliche Fortbildung, Regensburg
Title: Alcohol and Cocarcinogenesis
- 1987 Hans-Adolf Krebs Prize
German Society for Nutrition (Deutsche Gesellschaft für Ernährung), München
Title: Studies on the influence of age on the metabolism and the toxicity of alcohol taking into consideration vitamins A and E
- 1990 Asche Research Grant of the German Gastroenterologic Association
Title: Studies on alcohol dehydrogenase in the human gut: influence of age and chronic-atrophic gastritis on the first pass metabolism of ethanol in man
- 1992 Recognition of the scientific contribution to ALCOHOL AND CANCER on the

cover page of the journal CANCER RESEARCH (52: 3831, 1992)

- 1993 Invitation and Participation 86th Nobel Symposium ,Towards a molecular base of alcohol use and abuse', Karolinska-Institute, Stockholm, Schweden (19.-23. September 1993)
- 1996 CHARLES-Medal, Karls Universität Prague, Tschech Republic
- 1997 Recognition of the scientific contribution on the front page of the International Journal of Oncology (July issue 1997)
- 2008 Fellow of the American Gastroenterologic Association (AGA)
- 2010 Hiromasha Ishii Memorial Award of the International Society for Biomedical Research on Alcoholism, Paris, September 2010
- 2011 Invited Lecture by the Japanes Society for Gastroenterology: A tribute to the late Professor Hiromasha Ishii, Fukuoka, Japan (6th International Symposium on ALPD and Cirrhosis
- 2013 European Alcohol Research Award oft the European Society for Biomedical Research on Alcoholism (ESBRA)
Warsaw/Poland, September 2013

State-of-the-Art Lectures

- 2003 Plenary Lecture at the ESBRA Congress, Prague, Czech Republic on Alcohol and Cancer. 11.-14. September 2003
- 2004 Alcoholic Liver Disease: New concepts in pathogenesis
ESBRA Nordman Award Meeting, 2004 Alcohol and Cannabis from basic to clinical Research. Lisabon, Portugal 28./29. Mai 2004
- 2004 Alcoholic Liver Disease: Alcohol or Genes?
European Society of Parenteral and Enteral Nutrition (ESPEN) Lisabon, Portugal 10. September 2004
- 2006 Alcohol and carcinogenesis
State of the Art Lecture. VA Medical Center, Bronx, New York, USA, 25.Mai 2006
- 2007 Molecular mechanisms of alcohol mediated carcinogenesis (state-of-the art lecture) European Society for Laboratory Medicine Prag, Czech Republic 16. September 2007
- 2008 Molecular mechanisms of alcohol mediated carcinogenesis
14. ISBRA Congress, Washington DC 29.Juni 2008
- 2013 Alcohol and Cancer, 14th ESBRA Congress, Warsaw, Poland 8.-11. September 2013
- 2014 Invitation Annual Congress of the Guatemala Society for Gastroenterology, Antigua, Guatemala 24.-27. Juli 2014

Visiting Professorships

- 1986-2005 Nutrition and Oncology Lab., Human Nutrition Research Centre on Aging, Tufts University, Boston, USA (jährlich)
- 1987 Dept. Med. University of Illinois at Chicago, USA
- 1988, 2004 Tongji Medical College, Huazhong University, Wuhan, PR China

seit 1991	Dept. of Preventive Medicine, University of Zurich, Switzerland (jährlich)
1993	Department of Biochemistry and Molecular Biology, Autonomous University of Barcelona, Spain
1994, 2002	Research Unit of Substance Abuse Medicine, Biomedicum Helsinki, University of Helsinki, Helsinki, Finland
1995	Dept. Med. La Jolla University, Chicago, USA
1995	Laboratoire de Biochimie-Nutrition, Université de Brest, France
2000	Arab University Beirut/Lebanon (2 Wochen Kurs)
2006	Alcohol Research and Treatment Centre, VA Medical Centre, Bronx, New York, USA
2013	University of Tennessee Health Science Centre, Memphis, USA

Panel and Faculty Memberships

1999	Member of an international panel of the EC for the evaluation of Portuguese science
2007	Member of an International panel on Alcohol & Cancer, International Agency for Research and Cancer (IARC), Lyon, France (6.-13 February 2007)
2009	Mitglied einer Wissenschaftsdelegation des Landes Baden Württemberg in das Sultanat Brunei 14.-18. November 2009
2010	Wien EASL
2010	Extramural Advisor for the NIAAA on Alcohol and Cancer (8/9 June 2010, Rockville, USA)
2010	Faculty Member of the United European Gastroenterology Week (UEGW) in Barcelona, Spain
2010	Mitglied einer Wissenschaftsdelegation des Landes Baden Württemberg nach Saudi Arabien 23.-28. April 2010
2010	Charles Lieber Memorial Symposium, RSA San Antonio, Texas, USA, Juni 2010
2011	Member of a European Panel of the European Association for the Study of the Liver (EASL) for the Guidelines of Alcoholic Live Disease
2011	Charles Lieber Memorial Symposioium, RSA, Atlanta, Georgia, USA, Juni 2011
2011	Faculty Member of the United European Gastroenterology Week (UEGW) in Stockholm, Sweden
2011	EASL Berlin
2012	Faculty Member of the European Association for the Study of the Liver (Barcelona, Spain)
2012	Invitation as ad hoc extramural Advisor to the NIAAA for Alcoholic Hepatitis, Rockville, Maryland, USA (7/8. February 2012)
2013	Faculty Member of the European Association for the Study of the Liver (Amsterdam, The Netherlands, 24.-28. April 2013)
2013	Charles Lieber Memorial Symposium, RSA, Orlando, Florida, June 2013
2013	Faculty Member of the United European Gastroenterology Week (UEGW) in Berlin, Germany, Oktober 2013

- 2014 Member of the Dissertation Board, Maastrich, The Netherland (23. January 2014)
- 2014 Faculty Member of the European Association for the Study of the Liver (London, UK 9.-13. April 2014)
- 2014 Charles Lieber Memorial Symposium, RSA, Seattle, Washington, USA, June 2014
- 2014 Leitlinien NAFLD, Deutsche Gesellschaft für Verdauungs und Stoffwechselerkrankungen
- 2014 Faculty Member of the United European Gastroenterology Week (UEGW), Wien Austria, October 2014
- Faculty Member of the United European Gastroenterology Week (UEWG), Barcelona, Spain, October 2015

Chairs

- 1988 Alcohol and Cancer.
IV. Congress of the International Society for Biomedical Research on Alcoholism (ISBRA).
Chairman and Organizer of the Workshop.
Kyoto, Japan, Juni 1988
- 2000 Alkohol und gastroenterologische Erkrankungen.
Symposium Jahrestagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten (Vorsitz H. K. Seitz, M. Singer).
Hamburg, 15. September 2000
- 2001 The role of Gastric Emptying in First Pass Metabolism of Ethanol.
Symposium First Pass Metabolism of Ethanol (Vorsitz: Yin Taipeh, H.K. Seitz),
8th ESBRA Congress. Paris/Frankreich, 15.-18. September 2001.
- 2002 Labor, Klinik und Verlauf von NASH und ASH.
Symposium NASH und ASH: Gemeinsamkeiten und Unterschiede (Vorsitz: Plauth/Seitz). Deutscher Internistenkongress.
Wiesbaden, 9. April 2002
- 2002 Gastrointestinal metabolism of ethanol and its possible role in carcinogenesis. Symposium on alcohol metabolism - role in toxicity and carcinogenesis (Vorsitz: T. Badger, H.K. Seitz, P. Yin). 12th ISBRA Congress.
San Francisco/USA, 28. Juni-3. Juli 2002
- 2002 Alkoholfolgekrankheiten in der Gastroenterologie. Arbeitssitzung (Vorsitz: P. Schuppan, H.K. Seitz). 57. Tagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten. Bonn, 20. September 2002
- 2004 Alkohol und Krebs (Symposiumsvorsitz) Jahrestagung der deutschen Krebsgesellschaft Berlin, 27. Februar 2004
- 2004 Alkohol und Retinoide.
Workshop Alkohol (Vorsitz mit Prof. Singer). Jahrestagung Deutsche Gesellschaft für Verdauungs- und Stoffwechselkrankheiten. Leipzig 1. September 2004
- 2004 Alcoholic Liver Disease: From Pathophysiology to Therapy (Vorsitz mit Charles Lieber). International Society for Biomedical Research on Alcoholism. 12th World Congress on Biomedical Research. Heidelberg/ Mannheim 29.

- September - 2. Oktober 2004
- 2004 Alcohol and the gastrointestinal tract. In: Alcohol related pathology from head to toe, a synopsis of alcohol-related pathology which also celebrates the work and retirement of Prof. Timothy J. Peters (Chair and organizer). ISBRA Satellite meeting 2004, Heidelberg 29. September 2004
- 2004 ADH1C polymorphism and risk of cancer. In: From alcohol toxicity to treatment. Charles Lieber Alumni Meeting 2004 ISBRA Satellite Meeting 2004 (Chair and Organizer). Mannheim 2. Oktober 2004
- 2004 Alkohol als Kokarzinogen im Gastrointestinaltrakt. Symposium Cofaktor Alkohol bei gastrointestinalen Erkrankungen (Vorsitz mit Prof. Schuppan) Jahrestagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselerkrankungen. Leipzig 2. Oktober 2004
- 2004 Cancer of the upper aerodigestive tract and the large intestine: possible mechanisms. NIH Conference, mechanisms of alcohol associated cancers Chair. 6/7 October 2004 Bethesda, Maryland, USA)
- 2008 Alcoholic Steatohepatitis: established and experimental therapy Chair together with C.P.Day Workshop, European Association for the Study of the Liver (EASL) Milano, Italy 24.-26. April 2008.
- 2010 Invitation for the 1st Charles Lieber Memorial Symposium during the RSA Congress in San Antonio, Texas, USA
- 2010 Paris ISBRA 11.-15. September 2010
- 2010 Stuttgart DGVS 16. September 2010
- 2011 Invitation for the 2nd Charles Lieber Memorial Symposium during the RSA Congress in Atlanta, Georgia, USA
- 2011 Wien ESBRA 3.-7. September 2011
- 2012 Invitation 2012 ISBRA Satellite Symposium, Kyoto, Japan, 14. September 2012
- 2012 Sapporo ISBRA
- 2013 Invitation for the 4th Charles Lieber Memorial Symposium during the RSA Congress in Orlando, Florida, USA, 22.-25. Juni 2013
- 2013 Nürnberg DGVS
- 2014 Invitation for the 5th Charles Lieber Memorial Symposium during the RSA/ISBRA Congress, Seattle, USA 21.-25. Juni 2014

Congress Organization

- 1999 Treatment of alcoholic liver Disease: New Strategies. International Titisee Meeting – Alcohol in Health and Disease. (Oranisator) Titisee/Deutschland, 9.-12. Dezember 1999
- 1999 Jahrestagung der Deutsch Chinesischen Gesellschaft für Medizin, Heidelberg, September 1999
- 2010 Organizer, 1st Congress on Alcohol and Cancer (Nordman Award Congress), Heidelberg, Germany, September 2010
- 2013 Co-Organizer, 2nd Congress on Alcohol and Cancer, Breckenridge, Colorado,

USA, 12.-15. May 2013

2015 Co-Organizer, 3rd Congress on Alcohol and Cancer, Crete, Greece 29. May-3. June 2015

Board Memberships and Presidencies

1995-99 Secretary General German Chinese Medical Association
1999-2004 President German Chinese Medical Association
1996-2012 German Society for Traffic Medicine
since 1996 Member of the Scientific Board Deutschen Hauptstelle für Suchtfragen
since 2009 Speaker of the Scientific Board Deutschen Hauptstelle für Suchtfragen
2001-05 Vice President of ESBRA (European Society for Biomedical Research on Alcoholism)
2005-13 President of ESBRA (European Society for Biomedical Research on Alcoholism)
since 2010 Member of the Board of the International Society for Biomedical Research on Alcoholism (ISBRA)

Memberships

since 1978 New York Academy of Sciences
since 1980 Deutsche Gesellschaft für Verdauungs- und Stoffwechselerkrankungen
since 1980 European Association for the Study of the Liver (EASL)
since 1981 Société Française de Recherches Biomédicales en Alcoologie
1985-2004 German-Chinese Society of Medicine
since 1985 German Association for the Study of the Liver (GASL)
since 1989 European Society for Biomedical Research on Alcoholism (ESBRA)
since 1989 International Society for Biomedical Research on Alcoholism (ISBRA)
since 1989 International Gastro-Surgical Club
since 1990 American Gastroenterological Association (AGA)
since 1992 American Association for Cancer Research

Journals

Associate Editor Alcohol and Alcoholism
Sucht
Editorial Board Journal of Hepatology (1998-2006)
Addiction Biology (1994-2000)
Reviewer Journal of Clinical Oncology
Life Science
Gastroenterology
Hepatology
Digestion
Digestion Disease & Sciences
Zeitschrift Gastroenterologie
Toxicology

Alcoholism: Clinical Experimental Research
Gut
Journal of Gastroenterology and Hepatology
American Journal of Clinical Nutrition

Ad Hoc Reviewer Nutrition Requirement Program of the United States, Department of
Agriculture (USDA), Washington DC, USA

NATO Research Grant Reviewer

Author and Co-author of more than 400 papers and 8 books