

**Helmut K. Seitz, MD, AGAF****Curriculum Vitae**

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

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Date of birth              May 27th, 1950

Place of birth             Stuttgart, Baden-Württemberg

Status                      Married, one child

**School and University Education**

1969	Abitur (with distinction); Albert-Schweitzer-Gymnasium Leonberg, Baden Württemberg, Germany	
1969-70	University of Stuttgart, Germany	Chemistry
1970-75	University of Heidelberg, Germany	Medicine
09.12.1975	State Examination in Medicine	
16.12.1975	Doctoral Thesis (Magna cum laude) Title: Renal Excretion of Cyclic AMP in Secondary Hyperparathyroidism	
1976	University of Tübingen, Germany	Biochemistry

**Postdoc Training, Clinical appointments and Academic 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 Director: Charles S. Lieber, M.D.
12.06.1969	ECFMG

1979 - 85	Assistant Physician, Department of Medicine (Gastroenterology) University of Heidelberg, Germany. Director: Prof. Dr. B. Kommerell
21.12.1983	Specialist Internal Medicine
26.08.1985	Specialist Gastroenterology
1986 - 91	Senior Physician: Department of Medicine (Gastroenterology, Director: Prof. Dr. Kommerell) and Medical Policlinic (Director Prof. Dr. W. Hunstein), University of Heidelberg
1991 - 2000	Director: Department of Medicine (Gastroenterology), Salem Medical Centre Heidelberg, Germany
Since 2020	Director Center of Liver Disease and Alcohol Related Disorders Ethianum Clinic, Heidelberg
Since 2022	Chairman (CEO) of the board of directors, City Mission Heidelberg including Salem Medical Centre and St. Vincentius Hospital Heidelberg, Germany

#### **Academic Appointments**

1977 -79	Research Fellow (Deutsche Forschungsgesellschaft), 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)
19.07.1984	Postdoctoral Thesis (Habilitation) Internal Medicine (Experimental Studies on the carcinogenic effects of ethanol)
14.02.1985	Venia legend
19.04.1985	Inaugural Lecture (Pathogenesis of colorectal cancer). Associate Professor of Medicine
1986	Gerhard Katsch Fellowship of the German Society of Gastroenterology Northwick Park Hospital, MRC London, Great Britain
1986	Gerhard Katsch Fellowship of the German Society of Gastroenterology Human Nutrition Research Centre on Aging, Tufts University Boston, USA
1991	Asche Fellowship of the German Association of Gastroenterology, Human Nutrition Research Centre on Aging, Tufts University Boston, USA
27.09.1991	Full Professor of Medicine, University of Heidelberg
16.02.2004	Honorary Professor Tongji Medical College, Huazhong Universität Wuhan, People's Republic of Germany

17.07.2007	Distinguished Professor of Internal Medicine, Gastroenterology and Alcohol Research (analogue Chair), University of Heidelberg, Germany
2008	Fellow of the American Gastroenterological Association (AGAF)

### Grants

1977 - 1979	Postdoc Research Grant, Deutsche Forschungsgemeinschaft, Research Follow, Alcohol Research and Treatment Centre, Bronx, New York, USA
1981	DAAD Grant, St. Marks Hospital London, GB
1981 - 1983	Deutsche Forschungsgemeinschaft Grant (Se333/1-4) Alcohol and Gastrointestinal Tract
1984 - 1985	Deutsche Forschungsgemeinschaft Grant (Se333/6-1) Alcohol and rectal cancer: Bile Acids and colorectal cancer
1986 - 1988	Deutsche Forschungsgemeinschaft Grant (Se333/6-2) Colorectal carcinogenesis: Alcohol and cell regeneration
1986	Gerhard Katsch Studienstiftung (01.01. - 30.04.1986) <ol style="list-style-type: none"> <li>1. Div. of Cell Biology, Medical Research Ctr., Northwick Park Hospital, Harrow, U.K. (Director: T.J. Peters, M.D.)</li> <li>2. USDA, Human Nutrition Research Ctr. on Aging and New England Medical Ctr., Tufts University, Boston, USA</li> </ol>
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: <ol style="list-style-type: none"> <li>1. Department of Biochemistry and Molecular Biology, Autonomous University of Barcelona, Spain</li> <li>2. Department of Medical Biochemistry and Biophysics, Karolinska Institute, Stockholm, Sweden</li> <li>3. Department of Biochemistry and Molecular Biology, University of Bordeaux, Bordeaux, France</li> </ol>
1994 - 1999	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 coloboration with the Department of Surgery, University of Heidelberg
2007 - 2012	Research Grant Dietmar Hopp Foundation: Alcohol and cancer (€ 517.000)
2012 - 2015	Research Grant Dietmar Hopp Foundation: Alcohol and cancer (198.000)
2009 - 2014	Research Grant Manfred Lautenschläger Foundation: Pathophysiological mechanisms of alcoholic liver disease (€ 250.000)
2010 - 2013	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 - 2014	Research Grant Manfred Lautenschläger Foundation: Alcohol, hepatocellular damage and cancer (€ 237.000) Cooperation with Prof. Dr. S. Mueller
2011 - 2016	NIAAA Grant (GWAS on Alcohol and Liver Cirrhosis) Global Cooperative study (PI Timothy Morgan, USA) (\$ 2.600.000) Together with: <ol style="list-style-type: none"> <li>1. Drug Health Services, Prince Alfred Hospital, Univ. Sydney Australia (P.Haber, D.Seth)</li> <li>2. Department of Visceral Surgery and Medicine, Univ. Bern, Switzerland (F. Stickel)</li> <li>3. Inst. Cellular Medicine, Univ. Newcastle upon Trent, UK (C. Day)</li> <li>4. Gastroenterology Section, VA Long Beach Healthcare System, Long Beach, USA (T. Morgan)</li> <li>5. Department of Psychology, Purdue School of Science, Indiana University, Indianapolis, USA (L. Lumeng)</li> <li>6. Department of Hepato-Gastroenterology, Univ. Of Lille, France (P. Mathurin)</li> </ol>
2016 - 2018	Research Grant: Octapharma Heidelberg: The role of CYP2E1 in Alcoholic Liver Disease (€ 300.000)
2017	NIH Grant (Alcohol and Colorectal Cancer): Cooperative Study (PI: Vasilis Vasilou, New Haven, USA)

### **Clinical Studies**

1994 - 1996	Sensivity and Specifity of Ki-ras PCR in pancreatic cancer Cooperation with Dept. Hematology, University Homburg/Saar Germany
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1995	Effect of essential phospholipids and a-interferon on the progression of hepatitis C. In cooperation with Nattermann Company, Köln Germany
1994 -1998	Effect of Soliymarin on mortality in alcoholic liver cirrhosis, Placebo controlled double blind multicentre trial (PI Seitz HK, Fleig W)
2000 - 2004	Magnetspectroscopic studies in alcoholic hepatitis. In Cooperation with German Cancer Centre (DKFZ), Heidelberg, Germany
2006 - 2010	Conservative vs. surgical therapy in acute cholecystitis. Randomized Controlled Trial, in Cooperation with Department of Surgery, University of Heidelberg, Germany
2008 - 2023	International GWAS Study: Alcoholic cirrhosis of the liver: (PI T. Morgan, USA)
2010 - 2013	Epigenetics in colorectal cancer: Cooperation with NCS and DKFZ, Heidelberg, Germany
2008 - 2020	Transient Elastography in alcoholic liver disease
2015 - 2020	Effect of Chlormethiazole on alcoholic liver disease: randomized controlled trial (PI Seitz KH, Haefeli W)

#### **Awards and Honours**

1984	Walther and Christine Richtzenhain Preis (First recipient) German Cancer Research Centre (DKFZ) Heidelberg, Germany
1985	St. Gallen Research Award, St. Gallen , Schweiz Title: Experimental animal studies on the cocarcinogenic effect of alcohol on the rectum
1986	Homburg Preis Regensburger Kollegium für ärztliche Fortbildung, Regensburg Title: Alcohol and Cocarcinogenesis
1987	Hans – Adolf Krebs Preis German Society for Nutrition (Deutsche Gesellschaft f. Ernährung), München Title: Studies on the influence of age on the metabolism and the toxicity of alcohol taking into considerations 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 86 <sup>th</sup> Nobel Symposium “ “Towards a molecular base of alcohol and abuse” Karolina Institute, Stockholm, Sweden (19 <sup>th</sup> –23 <sup>rd</sup> September 1993)
1996	CHARLES – Medal, Karls University Prague, Czech Republic
1997	Recognition of the scientific contribution on the front page of the International Journal of Oncology (July issue 1997)
2007	Awarding of the Friendship Medal of the Chinese Medical Association
2007	Invitation of the Journal Nature for Review on Alcohol and Cancer
2008	Fellow of the American Gastroenterologic Association (AGA)
2010	Hiroshima Ishii Memorial Award of the International Society for Biomedical Research on Alcoholism (1 <sup>st</sup> recipient), Paris, Sept. 2010
2010	Extramural Advisor for the NIH (NIAAA), Rockville, Washington, USA on Alcohol and Cancer
2011	Invited Lecture by the Japanese Society for Gastroenterology: A tribute to the late Prof, Hiromasha Ishii, Fukuoka, Japan (6 <sup>th</sup> International Symposium on ALPD and Cirrhosis)
2012	Extramural Advisor for the NIH (NIAAA), Rockville, Washington, USA on Alcoholic Hepatitis (Febr. 8 <sup>th</sup> /9 <sup>th</sup> )
2013	European Alcohol Research Award of the European Society for Biomedical Research on Alcoholism (ESBRA), Warsaw, Sept. 2013
2017	University Medal in Silver of the Charles University Prague, CZ Rep.
2017	Panel Member Gordon Conference on Alcoholic Liver Disease, Ventura, CA, USA (march)
2018	Invitation by the Journal NATURE: PRIMER on Alcoholic Liver Disease
2019	The Charles Lieber Memorial Lecture 2019 (The role of CYP2E1 in alcohol mediated cancer and alcoholic liver disease), Lille, France Sept. 2019
2021	The European Alcohol Award of the European Society for Biomedical Research on Alcoholism topped with € 25.000,- and donated by the Lautenschläger Foundation has been renamed and is called now “The ESBRA Helmut Seitz Award on Alcohol Research”
2022	Günter und Ursula Rauscher Prize for Medical Prevention
2022	Tabakoff Award of the International Society for Biomedical Research on Alcoholism (ISBRA), Crakow, Polan, Sept. 2022
2023	Member of the Jellinek Award Finding Committee

### Visiting Professorships

1986 - 2005	Nutrition and Oncology Lab., Human Nutrition Research Centre on Aging, Tufts University, Boston USA (yearly)
1987	Dept. Medicine, University of Illinois of Chicago, USA
1988, 2004	Tongji Medical College, Huazhong University, Wuhan, PR China
1991 - 2015	Dept. Of Preventive Medicine, University of Zurich, Switzerland (yearly)
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, Finland
1995	Dept. Medicine, La Jolla University, Chicago USA
1995	Laboratoire de Biochemie – Nutrition, University de Brest, France
2000	Arab University Beirut/Lebanon (2 weeks course)
2006	Alcohol Research and Treatment Centre, VA Medical Centre, Bronx, New York, USA
2013	University of Tennessee Health Science Centre, Memphis USA

### State of the Art lectures

2003	Alcohol and Cancer. Plenary Lecture of the ESBRA Congress, Prague, Czech Republic, 11 <sup>th</sup> – 14 <sup>th</sup> September 2003
2004	Alcoholic Liver Disease: New Concepts in pathogenesis ESBRA Nordman Award Meeting, 2004 Alcohol and Cannabis from basic to clinical Research. Lisbon, Portugal 28 <sup>th</sup> /29 <sup>th</sup> May 2004
2004	Alcoholic Liver Disease: Alcohol or Genes? European Society of Parenteral and Enteral Nutrition (ESPEN) Lisbon, Portugal, 10 <sup>th</sup> Sept. 2004
2006	Alcohol and Carcinogenesis State of the Art Lecture. VA Medical Center, Bronx, New York, USA 25 <sup>th</sup> May, 2006
2007	Molecular mechanisms of alcohol mediated carcinogenesis (state-of-the-art lecture) European Society for Laboratory Medicine Prague, Czech Republic 16 <sup>th</sup> September 2007

2008	Molecular mechanisms of alcohol mediated carcinogenesis 14. ISBRA Congress, Washington DC 29 <sup>th</sup> June 2008
2013	Alcohol and Cancer, 14 <sup>th</sup> ESBRA Congress, Warsaw, Poland 8 <sup>th</sup> – 11 <sup>th</sup> September 2013
2014	Invitation Annual Congress of the Guatemala Society for Gastroenterology, Antigua, Guatemala 24 <sup>th</sup> – 27 <sup>th</sup> July 2014
2019	The role of Cytochrome P4502E1 in alcoholic liver disease and cancer, 12 <sup>th</sup> ESBRA congress, Lille, France 28 <sup>th</sup> , September 2019
2020	Alcohol and Cancer, Albatros 14 <sup>th</sup> International Congress on Addiction Paris, France, October 2020
2021	Postgraduate Course: How much alcohol can we drink, International Congress (EASL), Remote Event, April 2021
2021	RSA Lecture Series: Alcohol and Cancer, Youtube February 2021
2022	The role of Cytochrome P – 450 in alcoholic liver disease: from bench to bedside, 21 <sup>st</sup> ISBRA Congress, Crakow, Poland 17 <sup>th</sup> to 20 <sup>th</sup> Sep 2022
2024	Gustave Roussy Lecture 2024 Alcohol and Cancer: The role of Cytochrome P4502E1 in alcohol mediated cancer and alcoholic liver disease, 15 <sup>th</sup> Dec. 2024, Villejuive, Paris, France

### **Chairs and Faculty memberships**

1988	Alcohol and Cancer IV. Congress of the International Society for Biomedical Research on Alcoholism (ISBRA), Chairman and Organizer 11 <sup>th</sup> Workshop Kyoto, Japan, June 1988
2000	Alkohol und gastroenterologische Erkrankungen. Symposium Jahrestagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselerkrankungen (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), 8 <sup>th</sup> ESBRA Congress. Paris/Frankreich 15.-18. Sept. 2001
2002	Labor, Klinik und Verlauf von NASH and ASH. Symposium NASH and ASH. Gemeinsamkeiten und Unterschiede (Vorsitz: Plauth/Seitz) Deutscher Internistenkongress. Wiebaden, 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). 12<sup>th</sup> ISBRA Congress. San Francisco/USA, 28<sup>th</sup> June – 3<sup>rd</sup> July 2002
- 2002 Alkoholfolgekrankheiten in der Gastroenterologie. Arbeitssitzung Vorsitz P.Schuppan, H.K. Seitz). 57. Tagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselkrankheiten. Bonn, 20. Sept. 2002
- 2004 Alkohol und Krebs (Symposiumsvorsitz), Jahrestagung der Deutschen Krebsgesellschaft Berlin, 27<sup>th</sup> Feb 2004
- 2004 Alkohol und Retinoide. Workshop Alkohol (Vorsitz mit Prof. Singer) Jahrestagung Deutsche Gesellschaft für Verdauungs- und Stoffwechselkrankheiten. Leipzig 1<sup>st</sup> Sept. 2004
- 2004 Alcoholic Liver Disease: From Pathophysiology to Therapy (Vorsitz mit Charles Lieber). International Society for Biomedical Research on Alcoholism. 12<sup>th</sup> World congress on Biomedical Research Heidelberg/Mannheim 29<sup>th</sup> Sept – 02<sup>nd</sup> Oct. 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<sup>th</sup> 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<sup>nd</sup> October 2004
- 2004 Alkohol als Kocarcinogen im Gastrointestinaltrakt. Symposium Cofaktor Alkohol bei gastrointestinalen Erkrankungen (Vorsitz mit Prof. Schuppan), Jahrestagung der Deutschen Gesellschaft für Verdauungs- und Stoffwechselerkrankungen. Leipzig 2<sup>nd</sup> Oct.
- 2004 Cancer of the upper aerodigestive tract and the large intestine: possible mechanisms. NIH Conference, mechanisms of alcohol associated cancers Chair. 6<sup>th</sup>/7<sup>th</sup> October 2004 Bethesda, Maryland USA.
- 2007 Member of an International panel on Alcohol and Cancer, International Agency for Research and Cancer (IARC), Lyon France, 6<sup>th</sup>-13<sup>th</sup> Feb. 2007
- 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<sup>th</sup> .- 26<sup>th</sup> April 2008

2009	Member of a scientific delegation of Baden Württemberg to the sultanate Brunei 14 <sup>th</sup> to 18 <sup>th</sup> November 2009
2010	Invitation for the 1 <sup>st</sup> Charles Lieber Memorial Symposium during the RSA Congress in San Antonio, Texas USA
2010	ISBRA Congress, Paris 11 <sup>th</sup> to 15 <sup>th</sup> September 2010
2010	Deutsche Gesellschaft für Gastroenterologie, DVGS, Stuttgart 16 <sup>th</sup> September 2010
2010	Extramural Advisor for the NIAAA on Alcohol and Cancer, Rockville USA (8 <sup>th</sup> -9 <sup>th</sup> June 2010)
2010	Faculty Member of the United European Gastroenterology Week (UEGW) in Barcelona (Spain)
2010	Member of scientific delegation of Baden Württemberg to Saudi Arabia 23 <sup>rd</sup> to 28 <sup>th</sup> April 2010
2010	Faculty Member of the European Association for the Study of the Liver (EASL), Vienna
2011	Member of a European Panel of the European Association for the Study of the Liver (EASL) for the Guidelines of Alcoholic Liver Disease
2011	Faculty Member of the United European Gastroenterology Week (UEGW) in Stockholm, Sweden
2011	Faculty Member, Ann. Congress of the European Association for the study of the liver (EASL) Berlin, April 2011
2012	Faculty Member of the European Association for the study of the Liver (EASL) Barcelona, Spain, April 2012
2012	Invitation as a ad hoc extramural Advisor to the NIAAA for Alcoholic Hepatitis, Rockville, Maryland, USA 7 <sup>th</sup> to 8 <sup>th</sup> February 2012
2012	Invitation 2012 ISBRA Satellite Symposium Kyoto, Japan 14 <sup>th</sup> September 2012
2012	ISBRA Congress, Sapporo, Japan
2013	Faculty Member of the European Association for the Study of the Liver (EASL) Amsterdam, The Netherlands, 24 <sup>th</sup> - 28 <sup>th</sup> April 2013
2013	Faculty Member of the United European Gastroenterology Week (UEGW), Berlin, Germany, October 2013
2013	DGVS, Nürnberg

2014	Member of Dissertation Board, Maastrich, The Netherlands (23 <sup>rd</sup> January 2014)
2014	Faculty Member of the European Association for the Study of the Liver (EASL) London, UK, 9 <sup>th</sup> – 13 <sup>th</sup> April 2014
2014	Guidelines NAFLD, Deutsche Gesellschaft für Verdauungs- und Stoffwechselerkrankungen
2014	Faculty Member of the United European Gastroenterology Week (UEGW) Wien, Austria, October 2014
2015	ESBRA Valencia, Spain
2016	ISBRA, Berlin
2016	Representative of the United European Gastroenterology Week (UEWG), Souzou, VR China, September 2016
2016	Faculty Member of the United European Gastroenterology Week (UEWG) Barcelona Spain, October 2015
2017	The International Liver Meeting, Amsterdam, The Netherlands (EASL) April 2017
2017	Gordon Conference on Alcoholic Liver Disease, Ventura, CA, USA March 2017
2022	Charles Lieber Symposium, RSA, Crakow, Poland
2010 - 2023	Organizer and Speaker, Charles Lieber Memorial Symposium (RSA):San Antonio (2010), Atlanta (2011), San Francisco (2012), Orlando (2013), Seattle (2014), San Antonio (2015), New Orleans (2016), Denver (2017), San Diego (2018), Minneapolis (2019), Virtual (2021), Orlando (2022), Bellevue (2023), Minneapolis (2024)

