

PROF. DR. DIETER BROERING, MD, PhD, FEBS, FACS

CV SUMMARY

Name	Prof. Dr. Dieter Broering, MD, PhD, FEBS, FACS
Designation	Executive Director, Organ Transplant Centre of Excellence Professor of Surgery, Alfaisal University
Hospital / Institution	King Faisal Specialist Hospital & Research Centre
Location	Riyadh, Saudi Arabia
Work Area / Expertise / Significant Achievements	<p>Major field: Transplant and Hepatobiliary Surgery; General & Minimally Invasive Surgery / Robotic Surgery</p> <p>Specialization field: Abdominal Organ Transplantation</p> <p>Special Interest & Researches Done: Split-Liver Transplantation, Living Donor Liver Transplantation, Minimally Invasive and Robotic Surgery</p> <p>Current research interests:</p> <ul style="list-style-type: none">• Transplantation• Surgical Innovations, Robotics and Minimally Invasive Techniques• Stem Cell Therapy• Organ Conditioning• Tolerance Induction• Tissue Engineering for Transplantation <p>Significant Achievements:</p> <p>World-Renowned Multi-Organ Transplant Surgeon; International Expert in Living Donor Liver Transplantation. Established various programs on living and deceased liver donation for pediatric and adult, split liver transplantation, and minimally invasive and robotic donor hepatectomy and nephrectomy through international collaboration. Significant achievements of transplantation programs of Organ Transplant Centre of Excellence, KFSH&RC under his leadership placed Institution and Saudi Arabia at par with world-leading centers in organ transplantation.</p> <p>The Centre is now leading internationally in Robotic Donor Hepatectomy, having performed to date 737 robotic donor hepatectomies (731 full robotic with 2 converted cases and 6 donors robotic-assisted) since November 2018 (the largest series in the world); and 111 robotic nephrectomies since January 2020. It is the only Centre now wherein 100% of all liver donors are benefiting from minimal invasive robotic transplant surgery procedure. (As of 17 November 2022, ongoing transplants are not included in this report).</p>

EDUCATION / HIGHER EDUCATION

Medical School	1984 –1990 Medical School of the Heinrich-Heine-University Dusseldorf, Germany
Business School	2006 - 2008: Master of Business Administration, Economics and Social Sciences, University of Hamburg, Germany

DEGREES / CERTIFICATES

1992	Doctor of Medicine, University of Dusseldorf, Germany
1997	Board Certification in Surgery, Medical Council of Hamburg, Germany
2004	Habilitation (PhD in Surgery), University of Hamburg, Germany
2006	2 nd PhD Degree (in Clinical Hepatology), Semmelweis University Budapest, Hungary
2008	Master of Business Administration, University of Hamburg, Germany
2009	Fellow of the European Board of Surgeons
2018	Fellow of the American College of Surgeons

CLINICAL AND ACADEMIC EXPERIENCE

1990 – 1992	Residency, Department of General Surgery, Prosper-Hospital Recklinghausen, Teaching Hospital, University of Bochum, Germany
1992 –1995	Residency, Department of General, Thoracic, Trauma and Vascular Surgery, Hospital Maria Hilf, Mönchengladbach, (Director: Prof. Dr. Gregor Esser) teaching hospital of the University of Aachen, Germany
1995 –1998	Residency & Fellowship, Department of General Surgery and Transplantation, University Hospital Hamburg Eppendorf, Germany (Director: Prof. Dr. Dr. H.C. (mult) C. E. Broelsch)
1997 –1999	Fellowship in Oncology and Transplant Surgery, University Hospital Hamburg Eppendorf, Germany (Prof. Dr. JR Izicki and Prof. X. Rogiers)
1998 -2000	Assistant Professor of Surgery and Attending Surgeon, Department of General, Thoracic, and Visceral Surgery, University of Hamburg, Germany (Chairman: Prof. Dr. Jacob Izicki)
2006 – 2009	Professor of Transplantation Surgery and Oncology Surgery University of Kiel, Germany
2010 - present	Professor of Surgery, Alfaisal University, Riyadh, Saudi Arabia

OPERATIONS CATALOG – Total to date = > 30,000

(as First Surgeon since residency training in October 1990; excluding assistance operations)

ADMINISTRATIVE EXPERIENCE

2000 – 2006	Senior Attending Physician and Deputy Director of the Department of Hepatobiliary Surgery and Transplantation at University of Hamburg, Germany (Chairman: Prof. Dr. Xavier Rogiers)
2006 – 2009	Deputy Chairman of the Dept. of General, Thoracic and Transplantation Surgery and Leader of the largest European Living Donor Liver Transplantation Program in Kiel, Germany
2009 - 2010	Chairman Dept. of General, Thoracic and Transplantation Surgery and Leader of the largest European Living Donor Liver Transplantation Program for Pediatric and Adult recipients in Kiel, Germany
Oct 2010 – 23 August 2020	Director of Organ Transplant Center and Chairman, Department of Surgery King Faisal Specialist Hospital and Research Center, Riyadh

27 Aug 2020 - present	Executive Director, Organ Transplant Centre of Excellence King Faisal Specialist Hospital and Research Center, Riyadh
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RESEARCH EXPERIENCE

Total: 832.871 Impact-Factor		
Original Articles	696.864 Impact-Factor	
Original Articles First-/Senior author	(354.268 Impact-Factors) (Average: 3.44)	103
Original Articles Co-Author	Co-Author (Impact-Factors 342.596), (Average: 3.3)	103
Case Reports	(60.5 Impact-Factors)	
Case Reports First-/Senior Author	(7.6 Impact-Factors)	5
Case Reports Co-Author	(52.9 Impact-Factors)	13
Review Articles	(75.507 Impact-Factors)	
Review Articles First-/Senior Author	(65.951 Impact-Factors)	18
Review Articles Co-Author	(9.556 Impact-Factors)	9
Book Editor		2
Book Chapters		38
Published Abstracts: First-/Senior author		38
Published Abstracts: Co-Author		25
Invited National and International Presentations	(Unpublished Lectures)	183
Scientific National and International Presentations – Oral/Posters (Accepted Abstracts)		191
Published Books	Split Liver Transplantation. Publishers: Rogiers X, Bismuth H, Busuttil RW, Broering DC , Azoulay D. Steinkopff Darmstadt. Springer. 2002. 3-7985-1256- 6 Surgery of the esophagus - A surgical atlas. Publisher: Chernousov AF, Izbicki JR, Bogopolski PM, Broering DC , Schreiber HW. Steinkopff Darmstadt. Springer. 2003. 3-7985-1173-X	2

FUNDED PROJECTS (in the past 5 years)

Studies to compare the quality of life after liver transplantation in on the basis of immunosuppressive medications	50,000 SAR
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Organ Transplant Registry	2 Million SAR
Organ Transplantation Manpower and Research Section	18 Million SAR

INTERNATIONAL COOPERATIONS

1. Implemented the living liver donation program for adult recipients at the Erasmus University Rotterdam and performed the first successful living donor liver in The Netherlands in May 2004.
2. Developed the pediatric living liver donation program at Semmelweis University in Budapest, and performed the first successful living donor liver transplantation in Hungary in January 2006.
3. Monitored academically and clinically the children's liver transplant program at the Military Hospital Riyadh, Saudi Arabia (1999-2006). In this program, more than 100 liver transplants have been performed in children with a patient survival of more than 90%.
4. International Expert in the North of England Living Donor Liver Transplantation Group for the establishment of a living liver donation program in England.
5. Established a program for minimally invasive donor nephrectomy in Hamburg, in collaboration with the Erasmus University Rotterdam, The Netherlands.
6. Built a scientific working group to study the anatomical basis of the split liver transplantation with the Transplant Clinic and the Institute of Anatomy, Semmelweis University in Budapest and the Institute of Legal Medicine of the University of Hamburg, Germany.
7. Established a Fellowship for hepatobiliary surgery and transplantation in Hamburg in cooperation with the Military Hospital Riyadh, Saudi Arabia.
8. Conducted a master class for transplantation medicine in Kiel (2008 and 2009) for transplant physicians from Russia.
9. Consultant for transplant surgery at the Transplant Institute, New Castle, UK

MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS AND REVIEWER ACTIVITIES

Memberships

American College of Surgeons
 Deutsche Gesellschaft für Chirurgie
 Deutsche Gesellschaft für Viszeralchirurgie
 Berufsverband Deutscher Chirurgen
 Vereinigung Nordwestdeutscher Chirurgen
 Deutsche Transplantationsgesellschaft
 European Digestive Surgery, The European Society for the GI Surgeon
 European Society for Organ Transplantation (ESOT)
 European Liver Transplantation Association (ELTA)
 European Society for Surgical Research
 International Pediatric Transplant Association
 International Hepato-Pancreato-Biliary Association
 European Hepato-Pancreato-Biliary Association
 International Association of Surgeons, Gastroenterologists, and Oncologists (IASGO)

Reviewer Activities

Lancet
 British Journal of Surgery
 Liver Transplantation

Transplant International
Digestive Surgery
Pediatric Transplantation
Transplantation
American Journal of Surgery

Editorial Boards

International Journal of Organ Transplant Medicine
World Journal of Gastrointestinal Surgery

Guest Editor

Annals of Saudi Medicine. Mar – Apr 2013; Supplement: 33(2)

External Reviewer

Department of Hepatobiliary Sciences, Ministry of National Guard Health Affairs, 04 March 2012.

Liver Advisory Board Member

Everolimus AMAC. 01 December 2012