

Curriculum Vitae:
Univ.-Prof. Dr. med. Markus Kamler

General Information

Thoracic Transplantation Dept. Thoracic and Cardiovascular Surgery Faculty of Medicine University Duisburg-Essen Hufelandstrasse 55 45147 Essen Germany	Phone: +49 201 726 2266 markus.kamler@uk-essen.de
Date & Place of birth: 17.04.1964, Stuttgart (Germany)	
Current position: Professor for Thoracic Transplantation Medical Director Herzchirurgie-Huttrop, permanent position	

University training and advanced academic qualifications

- 1992 Dissertation (Dr. med.), University of Heidelberg, Heidelberg, Germany, with Prof. Dr. med. Dr. h.c. Konrad Meßmer, Abt. für Exp. Chirurgie, Chirurgische Klinik University of Heidelberg
- 1986 –1992 Medical School, University of Heidelberg, Germany

Postgraduate professional career

- since 2015 Medizinischer Geschäftsführer Herzchirurgie-Huttrop, Universitätsmedizin Duisburg-Essen, Germany
- 2012 Head and Professor for Thoracic Transplantation, Dept. Thorac. Cardiovasc. Surgery, Faculty of Medicine, University Duisburg-Essen, Germany
- 2010 Head of Dept., Heart-Surgery Essen-Huttrop, Univ.Med. Duisburg-Essen, Germany
- 2009 Thoracic Surgery Fellowship Ruhrlandklinik Essen, Germany (Prof. Dr. G. Stamatis)
- 2005 Habilitation / *Veni Legendi* in Cardiac Surgery, Abt. für Thorax und Kardiovaskuläre Chirurgie, Medical Faculty of the University of Duisburg-Essen, Germany
- 2002 Cardiac Surgery Specialist
- 1992-2002 Fellow Cardiac Surgery (S. Hagl, University of Heidelberg, Germany)

Awards & Honors

- 2004 POSTERPREIS „Mikrozirkulation“ Jahrestagung der Society of Clinical Microcirculation and Hemorheology
- 2002 POSTERPREIS „Mikrozirkulation“ Medizinische Fakultät Essen
- 1999 TERUMO FÖRDERPREIS
- 1996 YOUNG INVESTIGATOR’S AWARD European Association for Cardio-Thoracic Surgery/London
- 1993/94 FEODOR-LYNEN STIPENDIUM Alexander v. Humboldt Stiftung – Univ. of California San Diego

Others

- since 2021 Federführender BÄK Richtlinienkommission Lungentransplantation
- since 2020 Prüfungs- u. Überwachungskommission Bundesärztekammer
- since 2019 Bundesärztekammer Richtlinienkommission Lungentransplantation
- since 2014 Member Deutsche Transplantationsgesellschaft
- since 2012 Member Deutsche Gesellschaft für Kardiologie
- since 2005 Reviewing and Editorial Board activities: TX proceedings, EJCTS, IVCTS, J artific organs,...
- since 2004 Member Audit Board Eurotransplant

since 2004	Member of the International Society of Heart and Lung Transplantation
since 2001	Member Bund der Organtransplantierten
since 1998	Member of the European Association of Cardio-Thoracic Surgery
since 1998	Member of the Deutsche Gesellschaft für Herz und Thorax Chirurgie
since 1993	Member of the AvH Stiftung

Selected peer reviewed publications

a) Published articles

1. Pilarczyk K, Carstens H, Papathanasiou M, Luedike P, Koch A, Jakob H, Kamler M, Pizanis N. Prediction of acute kidney injury after left ventricular assist device implantation: Evaluation of clinical risk scores. *Artif Organs*. 2020;44(2):162-173.
2. Campbell HM, Quick AP, Abu-Taha I, Chiang DY, Kramm CF, Word TA, Brandenburg S, Hulsurkar M, Alsina KM, Liu HB, Martin B, Uhlenkamp D, Moore OM, Lahiri SK, Corradini E, Kamler M, Heck AJR, Lehnart SE, Dobrev D, Wehrens XHT. Loss of SPEG Inhibitory Phosphorylation of RyR2 Promotes Atrial Fibrillation. *Circulation*. 2020;142(12):1159-1172.
3. Carstens H, Schumacher F, Keitsch S, Kramer M, Kühn C, Sehl C, Soddemann M, Wilker B, Herrmann D, Swaidan A, Kleuser B, Verhaegh R, Hilken G, Edwards MJ, Dubicanac M, Carpinteiro A, Wissmann A, Becker KA, Kamler M, Gulbins E. Clinical Development of Sphingosine as Anti-Bacterial Drug: Inhalation of Sphingosine in Mini Pigs has no Adverse Side Effects. *Cell Physiol Biochem*. 2019;53(6):1015-1028.
4. Merz SF, Korste S, Bornemann L, Michel L, Stock P, Squire A, Soun C, Engel DR, Detzer J, Lörchner H, Hermann DM, Kamler M, Klode J, Hendgen-Cotta UB, Rassaf T, Gunzer M, Totzeck M. Contemporaneous 3D characterization of acute and chronic myocardial I/R injury and response. *Nat Commun*. 2019;10(1):2312.
5. Alsina KM, Hulsurkar M, Brandenburg S, Kownatzki-Danger D, Lenz C, Urlaub H, Abu-Taha I, Kamler M, Chiang DY, Lahiri SK, Reynolds JO, Quick AP, Scott L Jr, Word TA, Gelves MD, Heck AJR, Li N, Dobrev D, Lehnart SE, Wehrens XHT. Loss of Protein Phosphatase 1 Regulatory Subunit PPP1R3A Promotes Atrial Fibrillation. *Circulation*. 2019;140(8):681-693.
6. Papathanasiou M, Pizanis N, Tsourelis L, Koch A, Kamler M, Rassaf T, Luedike P. Dynamics and prognostic value of B-type natriuretic peptide in left ventricular assist device recipients. *J Thorac Dis*. 2019;11(1):138-144.
7. Koch, N. Pizanis, C. Olbertz, O. Abou-Issa, A. Slama, C. Taube, C. Aigner, Jakob H, Kamler M. Ex-vivo-Lungenperfusion – Werkzeug zur optimierten Nutzung von Spenderorganen? *Z Herz- Thorax- Gefäßchirurgie*. 2017;4.
8. Pilarczyk K, Carstens H, Heckmann J, Canbay A, Koch A, Pizanis N, Jakob H, Kamler M. The aspartate transaminase/alanine transaminase (DeRitis) ratio predicts mid term mortality and renal and respiratory dysfunction after left ventricular assist device implantation. *Eur J Cardiothorac Surg* 2017;52(4):781-788.
9. Pohl J, Hendgen-Cotta UB, Stock P, Luedike P, Baba HA, Kamler M, Rassaf T. Myocardial Expression of Macrophage Migration Inhibitory Factor in Patients with Heart Failure. *J Clin Med*. 2017;6(10):95.
10. Goedeke J, Apelt N, Kamler M. The cooling tube: A novel small animal model of systemic hypothermia in awake Syrian Golden Hamsters (*mesocricetus auratus*). *Clin Hemorheol Microcirc*. 2015;60(3):335-346.