



Felix JF Herth, MD, PhD, Dsc, FCCP

Research Interests

Interventional pneumology
End-satge COPD
Phenotyping of COPD

Short CV

Affiliation

Professor of Medicine

Head, Department of Internal Medicine, Pulmonology and Critical Care Medicine

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Curriculum Vitae

1984 – 1990	Medical School, University of Freiburg, Germany
1990 – 1996	Resident, Internal Medicine, Städt. Klinikum Karlsruhe
1996 – 1997	Resident, Dept. of Pulmonology, Thoraxklinik Heidelberg
1997 – 1999	Fellow, Dept. of interdisciplinary Endoscopy and Oncology, Thoraxklinik Heidelberg
1999-2003	Ass. Med. Director, Dept. of interdisciplinary Endoscopy and Oncology, Thoraxklinik Heidelberg
2003	Medical Director, Experimental Endoscopy, Beth Israel Deaconess Hospital, Harvard Medical, School, Boston, USA
Since 2004	Head, Department of Internal Medicine, Pulmonology and Critical Care Medicine, Thoraxklinik Heidelberg

Speciality certification:

04 / 1997	German Board of Internal Medicine certified
06 / 1998	Pulmonary Medicine certified
11/2002	Professor of Medicine, University of Heidelberg, Germany
01/2006	Full Professor, University of Heidelberg, Germany

Major Committee Assignments:

2001	Fellow of the College of Chest Physicians (FCCP) of the American College of Chest Physicians (ACCP)
2001-2002	Secretary of the European Association for Bronchology and Interventional Pulmonology (EAB)
2003	Board member of the German Society of Pulmonology
2005	Board member of the South Germany Society of Internal Medicine
2006	Board of regents of the World Association of Bronchology
2006-2009	Secretary of the scientific group "Interventional pneumology" of the European Respiratory Society
2006 - 2012	Vice-President of the European Association for Bronchology and Interventional Pulmonology (EAB)
2008	Co-Chair, Database Working Group, American College of Chest Physicians
2009	President, Annual congress of the German Society of Pulmonary medicine
2009 - 2012	Chair of the scientific group "Interventional pneumology" of the European Respiratory Society
2009- 2012	President, South Germany Society of Pneumology
2009	European Health Leader
2009	Governor of Germany, American College of Chest Physicians
2009	Steering committee, Quality control network, American College of Chest Physicians
2009	Visting Professor, RAINE University, Perth, Australia
2012	General secretary, German Society of Pneumology (DGP)
2012	Assembly secretary of the European Respiratory Society
2012	President of the European Association for Bronchology and Interventional Pulmonology (EAB)

Honors and Awards

1999	Abstract award of the South German Society of Internal Medicine "Drug induced Stressechocardiographie in patients with pulmonary hypertension"
1999	Young Investigator Award, 65 th Annual meeting of the American College of Chest Physicians, Chicago: "Placement of Nitinol-Stents without the need of fluoroscopy"
2000	European Respiratory Society Travel Award, 1 st World Congress of Lung Cancer, Firenze: "Endobronchial Ultrasound (EBUS) for early lung cancer detection"

- 2000 Young Investigator Award, 66th Annual meeting of the American College of Chest Physicians, San Francisco: " Endobronchial ultrasound is useful for classification of dignity in suspicious lesions by autofluorescence-Bronchoscopy"
- 2001 Jean – Paul Obrecht Award, 17th Annual meeting of Association for Oncology of the Upper Rhine (AOR): "Endobronchial Ultrasound for local staging"
- 2001 Ludolf-Krehl Preis des South Germany Society of Internal Medicine: "Endobronchial Ultrasound"
- 2002 Young Investigator Award, 66th Annual meeting of the American College of Chest Physicians, San Diego: " Conventional vs. Endobronchial ultrasound guided transbronchial needle aspiration (TBNA) – a randomised trial "
- 2003 Best overall presentation Award, 27. Dreiländertreffen Ultraschall: „Vergleich transthorakaler Ultraschall (TTUS) mit Computertomographie zur Beurteilung der Tumorinvasion in die Brustwand beim Bronchialkarzinom“
- 2003 Travel Award der European Respiratory Society, Annual Congress of the European Respiratory Society, Vienna: "Ultrasound guided TBNA"
- 2004 Poster of Distinction, 14th International Symposium of EUS, Tokio: "A new method of endoscopic transbronchial real time ultrasound guided biopsy for diagnosis of mediastinal lymph nodes"
- 2004 Poster of Excellence, 68th Annual meeting of the American College of Chest Physicians, Seattle: "Diagnosis of Pneumothorax (PTX) by means of Transthoracic Ultrasound –a Prospective Trial"
- 2005 Outstanding Poster, 11th World Lung Conference, Barcelona: "EBUS-TBNA – a new device for endoscopic transbronchial real time ultrasound guided biopsy for diagnosis and staging of mediastinal lymphnodes"
- 2006 Science Preis of the German Society of Pulmonology: „Narrow Band imaging“
- 2009 Travel Award of the European Respiratory Society: "Endoscopic lung volume reduction"
- 2006 Dr. Kassay-Medal of Honor of the Hungarian Society of Pneumology
- 2009 Member of Honor of the RAINE Medical Research Foundation in Perth, Australia

Projects

- Endoscopic research platform: The group of F. Herth at the Thoraxklinik is one of the world's leading centers for the development of new minimal invasive endoscopic techniques. In close collaboration with industrial partners, the group has developed many novel techniques, including endobronchial ultrasound, navigated bronchoscopy, endobronchial epithelial lining fluidanalysis, intrabronchial application of therapeutic drugs, and interventional endoscopicmanagement of end stage COPD (endoscopic lung volume reduction).
- Early diagnosis and longitudinal disease surveillance in a high risk cohort. Together with the partners within the Translational Lung Research Center (TLRC) and the Airway Research Center North (KH Großhansdorf), the team initiated several trails on phenotyping of COPD for endoscopic lung volume reduction. Together with the network of private pulmonologist the long term effect of such techniques will be evaluated. The trials are ongoing.

Funding

Federal Ministry of Research (BMBF)
German Center for Lung Research DZL

2012-2015



German Research Council (DFG)
"Projekt Navigierte Bronchoskopie"

2008-2014



Team

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Selected Publications

1. Herth FJ, Eberhardt R, Gompelmann D, Ficker JH, Wagner M, Ek L, Schmidt B, Slebos DJ. Radiological and clinical outcomes of using chartisto plan endobronchial valve treatment. EurRespir J. 2013 Feb;41(2):302-8.
2. Herth FJ, Noppen M, Valipour A, Leroy S, Vergnon JM, Ficker JH, Egan JJ, Gasparini S, Agusti C, Holmes-Higgin D, Ernst A; on behalf of the International VENT Study Group. Efficacy predictors of lung volume reduction with zephyr valves in a European cohort. EurRespir J. 2012 39(6):1334-42.
3. Sciruba FC, Ernst A, Herth FJF, Strange C, Criner GJ, Marquette CH, Kovitz KL, Chiacchierini RP, Goldin J, McLennan G. A Randomized Study of Endobronchial Valves for Advanced Emphysema. N Engl J Med 2010; 363:1233-124

4. Eberhardt R, Kahn N, Gompelmann D, Schumann M, Heussel CP, Herth FJ. LungPoint-A New Approach to Peripheral Lesions. *J Thorac Oncol*. 2010; 5(10):1559-63
5. Eberhardt R, Morgan RK, Ernst A, Beyer T, Herth FJ. Comparison of Suction Catheter versus Forceps Biopsy for Sampling of Solitary Pulmonary Nodules Guided by Electromagnetic Navigational Bronchoscopy. *Respiration*. 2010; 79(1):54-6076:36-41.