

Prof. Dr. Hans-Ulrich Kauczor

Department: Radiology

CV:

HANS-ULRICH KAUCZOR

Prof. Dr. med.

Academic Education and Appointments

1983 – 1989

Medical School, Preclinical and clinical courses: University of Bonn, Germany,

Internship: University of Heidelberg, Germany, Final Medical Examination: Medical Doctor

1989 – 1994

Residency in Radiology; German Cancer Research Center (DKFZ) Heidelberg and University of Mainz, Germany, Board-Certification for Diagnostic Radiology

1994 – 1995

Fellowship Chest Radiology; Department of Radiology, University of Mainz, Germany

1996 – 1998

Assistant Professor; Department of Radiology, University of Mainz, Germany

seit 1998

Postdoctoral Qualification as University Lecturer at the University of Mainz
“Functional Imaging of Pulmonary Ventilation using CT and MRI”

1998 – 2002

Assistant Professor at the Department of Radiology, University of Mainz, Germany

2003 – 2010

Member of the Board of Managing Directors of the Comprehensive Cancer Center Heidelberg, Germany

2003 – 2008

Full Professor for Radiology

Head of the Department of Radiology at the German Cancer Research Center (DKFZ), Heidelberg, Germany

seit 2008

Full Professor and Chairman of Radiology at the University of Heidelberg

Medical Director of Diagnostic and Interventional Radiology at the Heidelberg University Hospital

seit 2012

Principal Investigator of the Translational Lung Research Center Heidelberg (TLRC) and the German Center for Lung Research (DZL)

Publications

(This is not a complete list of publications, but only a selection of the major ones.)

Biederer J, Dinkel J, Remmert G, Jetter S, Nill S, Moser T, Bendl R, Thierfelder C, Fabel M, Oelfke U, Bock M, Plathow C, Bolte H, Welzel T, Hoffmann B, Hartmann G, Schlegel W, Debus J, Heller M, Kauczor HU. 4D-Imaging of the lung: reproducibility of lesion size and displacement on helical CT, MRI, and cone beam CT in a ventilated ex vivo system. *Int J Radiat Oncol Biol Phys* 2009;73:919-26.

van Beek EJ, Dahmen AM, Stavngaard T, Gast KK, Heussel CP, Krummenauer F, Schmiedeskamp J, Wild JM, Sogaard LV, Morbach AE, Schreiber LM, Kauczor HU. Hyperpolarised ³He MRI versus HRCT in COPD and normal volunteers: PHIL trial. *Eur Respir J* 2009;34:1311-21.

Biederer J, Dinkel J, Bolte H, Welzel T, Hoffmann B, Thierfelder C, Mende U, Debus J, Heller M, Kauczor HU. Respiratory-gated helical computed tomography of lung: reproducibility of small volumes in an ex vivo model. *Int J Radiat Oncol Biol Phys* 2007;69:1642-9.

Dehnert C, Risse F, Ley S, Kuder TA, Buhmann R, Puderbach M, Menold E, Mereles D, Kauczor HU, Bartsch P, Fink C. Magnetic resonance imaging of uneven pulmonary perfusion in hypoxia in humans. *Am J Respir Crit Care Med* 2006;174:1132-8.

Plathow C, Schoebinger M, Fink C, Hof H, Debus J, Meinzer H, Kauczor HU. Quantification of lung tumor volume and rotation at 3D dynamic parallel MR imaging with view sharing: preliminary results. Radiology 2006;240:537-45.

Awards

1992

Poster Award of the German Radiological Society

1995

Award of the European Society of Thoracic Imaging

1999

Boehringer Ingelheim Award 1998

1999

Colloquia Academica of the Academy of Science of Literature Mainz

2000

Holthusen-Ring of the German Radiological Society (DRG)

2001

Award Society of Thoracic Radiology

2007

Kuhrt-Robb Distinguished Scholar of the Memorial Sloan Kettering Cancer Center, New York

2012

Visiting Professorship Medical College Qingdao University, China