Curriculum Vitae

Personal Information		
Title	**Chairman and Professor of Diagnostic Radiology Manager of Joint Research Laboratory of Advanced Medical Imaging**	
Name	**Yoshiharu Ohno**	
Degree	**MD, PhD**	
Country	**Japan**	
Affiliation	**Fujita Health University School of Medicine**	

Educational Background

Medical Education:
April, 1989-March, 1993: Kobe University School of Medicine

Postdoctoral education:
April, 1994 -March, 1998: Kobe University Graduate School of Medicine

Professional Career

Postdoctoral Training
April, 1993 –March, 1994: Residency, Department of Radiology, Kobe University Hospital
April, 1998-April 2000: Fellow, Department of Radiology, Kobe University Hospital

Major Professional Experience
May 2000- January,2004: Assistant Professor of Radiology, Kobe University Graduate School of Medicine
July 2000-June,2001: Research Fellow, Pulmonary Functional Imaging Research,
Department of Radiology, University of Pennsylvania Medical Center
February 2004-March 2004: Vice Director, Hakubikai Imaging Clinics
April 2004-March,2012: Director of Functional and Diagnostic Imaging Research
Director of Thoracic Imaging
Associate Professor of Radiology, Kobe University Graduate School of Medicine
April 2009-March,2012: Director of Central Division of Radiology and Radiatioy Oncology, Kobe University Hospital
Associate Professor of Radiology, Kobe University Graduate School of Medicine
April 2012-March,2019: General Manager, Advanced Biomedical Imaging Research Center
Director of Functional and Diagnostic Imaging Research
Director of Thoracic Imaging
Professor of Radiology, Kobe University Graduate School of Medicine
April,2019-May 2023: Professor of Radiology, Fujita Health University School of Medicine
Manager, Joint Research Laboratory of Advanced Medical Imaging
June 2023-March 2025: Chairman and Professor of Diagnostic Radiology, Fujita Health University School of Medicine
Manager, Joint Research Laboratory of Advanced Medical Imaging
April 2025-Present: Chairman and Professor of Diagnostic Radiology, Fujita Health University School of Medicine
Manager, Joint Research Laboratory of Advanced Medical Imaging and Artificial Intelligence

Research Field

Diagnostic Radiology
Chest Radiology
Magnetic Resonance Imaging
Nuclear Medicine
Pulmonary Functional Imaging

Computer-Aided Diagnostic
Artificial Intelligence
Image Informatics

Main Scientific Publications

1. Ohno Y, Yui M, Yamamoto K, et al. Pulmonary MRI with ultra-short TE using single- and dual echo methods: comparison of capability for quantitative differentiation of non- or minimally invasive adenocarcinomas from other lung cancers with that of standard-dose thin-section CT. Eur Radiol. 2024 Feb;34(2):1065-1076.
2. Ohno Y, Ozawa Y, Nagata H, et al. Lung Magnetic Resonance Imaging: Technical Advancements and Clinical Applications. Invest Radiol. 2024 Jan 1;59(1):38-52.
3. Ohno Y, Yui M, Yamamoto K, et al. Chemical Exchange Saturation Transfer MRI: Capability for Predicting Therapeutic Effect of Chemoradiotherapy on Non-Small Cell Lung Cancer Patients. J Magn Reson Imaging. 2023 Jul;58(1):174-186.
4. Ohno Y, Yui M, Takenaka D, et al. Computed DWI MRI Results in Superior Capability for N-Stage Assessment of Non-Small Cell Lung Cancer Than That of Actual DWI, STIR Imaging, and FDG-PET/CT. J Magn Reson Imaging. 2023 Jan;57(1):259-272.
5. Ohno Y, Yoshikawa T, Takenaka D, et al. Small Cell Lung Cancer Staging: Prospective Comparison of Conventional Staging Tests, FDG PET/CT, Whole-Body MRI, and Coregistered FDG PET/MRI. AJR Am J Roentgenol. 2022 May;218(5):899-908.
6. Ohno Y, Hanamatsu S, Obama Y, et al. Overview of MRI for pulmonary functional imaging. Br J Radiol. 2022 Apr 1;95(1132):20201053.
7. Ohno Y, Takenaka D, Yoshikawa T, et al. Efficacy of Ultrashort Echo Time Pulmonary MRI for Lung Nodule Detection and Lung-RADS Classification. Radiology. 2022 Mar;302(3):697-706.
8. Ohno Y, Seo JB, Parraga G, et al. Pulmonary Functional Imaging: Part 1-State-of-the-Art Technical and Physiologic Underpinnings. Radiology. 2021 Jun;299(3):508-523.
9. Ohno Y, Yui M, Yoshikawa T, et al. 3D Oxygen-Enhanced MRI at 3T MR System: Comparison With Thin-Section CT of Quantitative Capability for Pulmonary Functional Loss Assessment and Clinical Stage Classification of COPD in Smokers. J Magn Reson Imaging. 2021 Apr;53(4):1042-1051.
10. Ohno Y, Takeshi Y, Takenaka D, Koyama H, Aoyagi K, Yui M. Comparison of Diagnostic Accuracy for TNM Stage Among Whole-Body MRI and Coregistered PET/MRI Using 1.5-T and 3-T MRI Systems and Integrated PET/CT for Non-Small Cell Lung Cancer. AJR Am J Roentgenol. 2020 Nov;215(5):1191-1198.