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**Professor of Radiology and Chief of Breast Imaging, Seoul National University Hospital
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EDUCATION

February 1989 and 1999: Seoul National University, M.D. and Ph.D (Medical Science). Korea

February 2001-January 2003: Postdoc. Fellow, Center for Molecular Imaging Research,
Harvard Medical School, USA

ACADEMIA

August 2010- 2014: President of Korean Society of Breast Imaging

August 2003- Present: Member, the Korean Academy of Science and Technology

August 2013- Present: Member, the National Academy of Medicine of Korea

10 BEST PUBLICATIONS

1. US of mammographically detected clustered microcalcifications. Radiology 2000;217:849-854
2. Multifocal, multicentric, and contralateral breast cancers: bilateral whole-breast US in the preoperative evaluation of patients. Radiology 2002;224:569-576
3. Diffusion-Weighted MR Imaging: Pretreatment Prediction of Response to Neoadjuvant Chemotherapy in Breast Cancer Patients. Radiology 2010;257(1):56-63
4. Two-View versus Single-View Shear-Wave Elastography: Comparison of Observer Performance in Differentiating Benign from Malignant Breast Masses. Radiology 2014;270(2):344-353
5. Breast Mass Evaluation: Factors Influencing the Quality of US Elastography. Radiology 2011;259:59-64
6. Pretreatment MR Imaging Features of Triple-Negative Breast Cancer: Association with Response to Neoadjuvant Chemotherapy and Recurrence-Free Survival. Radiology 2016;281(2):392-400
7. Combined Use of Elastography and Color Doppler Ultrasound for the Evaluation of Breast



Masses Detected at Screening Ultrasound in Women with Dense Breasts: A Multicenter Prospective Study. Radiology (in press)

8. Breast Cancers Detected at Screening Ultrasonography: Survival Rates and Clinical-Pathologic and Imaging Factors Associated with Recurrence. Radiology (in press).

9. Magnetosome-like ferrimagnetic iron oxide nanocubes for highly sensitive MRI of single cells and transplanted pancreatic islets. Proc Natl Acad Sci U S A 2011;108(7):2662-2667

10. In vivo imaging of tumor transduced with bimodal lentiviral vector encoding human ferritin and green fluorescent protein on a 1.5T clinical magnetic resonance scanner. Cancer Res 2010;70(18):7315-7324