


CURRICULUM VITAE

Personal Information

Title	Prof. Dr.	
Name	Jurgen Fütterer	
Degree	MD PhD	
Country	The Netherlands	
Affiliation	Radboudumc	
Department	Medical Imaging	

Educational Background

He qualified at Radboud University Nijmegen in 2001, and completed his PhD on MRI techniques in the localization and staging of prostate cancer in 2006. He was a radiology resident at the University Medical Centre, Nijmegen, in 2003-2008, and completed a fellowship in interventional radiology/body MRI in 2009. Prof. Fütterer is internationally acknowledged as one of the leading interventional radiologists in MRI-guided interventions and focal therapy for prostate cancer.

Professional Career

Prof. Fütterer is the founder and principal investigator of the Minimally Invasive Image-Guided Interventions Center (MAGIC) research group at the Radboudumc. Established in 2012, his group currently consists of 20+ PhD researchers and postdocs. The group has played a key role in establishing and extending the Radboudumc's Imaging department's role as an internationally recognized center of excellence in MRI-guided prostate cancer diagnosis and minimally invasive treatment. This has also led to the generation of spin-offs like Soteria Medical, a medical device company with expertise in robotic assistance for MRI-guided prostate biopsy. Prof. Fütterer's group also has a strong participation in the Radboudumc's MITeC innovative operating rooms. The MITeC is an acknowledged international reference site for image-guided therapy and, in a partnership with Siemens Healthineers, strives to develop and extend the use of minimally invasive interventions.

Research Field

See above

Main Scientific Publications

Fütterer JJ, Briganti A, De Visschere P, Emberton M, Giannarini G, Kirkham A, Taneja SS, Thoeny H, Villeirs G, Villers A. Can Clinically Significant Prostate Cancer Be Detected with Multiparametric Magnetic Resonance Imaging? A Systematic Review of the Literature. Eur Urol. 2015 Dec;68(6):1045-53. IF 21.3

Venderink W, van Luijckelaar A, Bomers JGR, van der Leest M, Hulsbergen-van de Kaa C, Barentsz JO, Sedelaar JPM, **Fütterer JJ**. Results of Targeted Biopsy in Men with Magnetic Resonance Imaging Lesions Classified Equivocal, Likely or Highly Likely to Be Clinically Significant Prostate Cancer. Eur Urol. 2018 Mar;73(3):353-360. IF 21.3

van Steenberg TRF, Smits M, Scheenen TWJ, van Oort IM, Nagarajah J, Rovers MM, Mehra N, **Fütterer JJ**. 68Ga-PSMA-PET/CT and Diffusion MRI Targeting for Cone-Beam CT-Guided Bone Biopsies of Castration-Resistant Prostate Cancer Patients. Cardiovasc Intervent Radiol. 2020 Jan;43(1):147-154. IF 2.6

Saha A, Bosma JS, Twilt JJ, van Ginneken B, Bjartell A, Padhani AR, Bonekamp D, Villeirs G, Salomon G, Giannarini G, Kalpathy-Cramer J, Barentsz J, Maier-Hein KH, Rusu M, Rouvière O, van den Bergh R, Panebianco V, Kasivisvanathan V, Obuchowski NA, Yakar D, Elschot M, Veltman J, **Fütterer JJ**, de Rooij M, Huisman H; PI-CAI consortium. Artificial intelligence and radiologists in prostate cancer detection on MRI (PI-CAI): an international, paired, non-inferiority, confirmatory study. Lancet Oncol. 2024 Jul;25(7):879-887.

Twilt JJ, Saha A, Bosma JS, Padhani AR, Bonekamp D, Giannarini G, van den Bergh R, Kasivisvanathan V, Obuchowski N,

Yakar D, Elschot M, Veltman J, Fütterer J. AI-Assisted vs Unassisted Identification of Prostate Cancer in Magnetic Resonance Images. JAMA Netw Open. 2025 Jun 2;8(6):e2515672.

Barentsz JO, Richenberg J, Clements R, Choyke P, Verma S, Villeirs G, Rouviere O, Logager V, Fütterer JJ; European Society of Urogenital Radiology. ESUR prostate MR guidelines 2012. Eur Radiol. 2012 Apr;22(4):746-57.