

Associate Professor ZHUANG Mingzan

College	College of Medicine
Current Position	Associate Professor
Types of Tutor	Master Tutor
Language	Chinese/English
Education	<p>2013.11-2019.05: Medical Center of Groningen University, the Netherlands, studying for doctor's degree</p> <p>2017.11-2019.04: Shantou University Medical College, engaged in scientific research</p> <p>2016.04-2017.10: Medical Center of Groningen University in the Netherlands, engaged in scientific research</p> <p>2014.04-2016.03: Cancer Hospital Affiliated to Shantou University, engaged in scientific research</p> <p>2013.11-2014.03: Medical Center of Groningen University in the Netherlands, engaged in scientific research</p> <p>2007.07-2013.10: Cancer Hospital Affiliated to Shantou University Medical College, engaged in radiotherapy</p> <p>2011.09-2011.12: visiting scholar, cancer center, Stanford University</p> <p>2009.09-2011.07: Shantou University School of medicine, master of Radiology</p> <p>2002.09-2006.07: College of physics, Dalian University of technology, Bachelor of Applied Physics</p>
Research Interests	PET/CT Imaging guided radiation therapy
Selected Publications	<ol style="list-style-type: none">1.reward 2018: To explore the application of high dose rate non homogenizer mode in radiotherapy of recurrent nasopharyngeal carcinoma;2.Thesis 2019: Impact of tissue classification in MRI-guided attenuation correction on whole-body Patlak PET/MRI;3.Thesis 2019: Variability and repeatability of quantitative uptake metrics in (18)F-FDG

	<p>PET/CT of non-small cell lung cancer: impact of segmentation method, uptake Interval, and reconstruction protocol</p> <p>4.Thesis 2019: Quantitative analysis of heterogeneous [(18)F]FDG static (SUV) vs. Patlak (Ki) whole-body PET imaging using different segmentation methods: a simulation study;</p> <p>5.Thesis 2016: Generic and robust method for automatic segmentation of PET images using an active contour model.</p>
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