

Biography

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Dr. Maxine Tan completed her PhD in Engineering Science at the Department of Electronics and Informatics, Vrije Universiteit Brussel (Brussels University) at Brussels, Belgium. She subsequently worked as a Postdoctoral Associate at the University of Pittsburgh Medical Center (UPMC), Department of Radiology, University of Pittsburgh in the fields of medical imaging and radiology research. She received additional training as a Postdoctoral Research Associate at the Stephenson Research and Technology Center, University of Oklahoma in the same fields. Her main research areas include computational biomedical imaging analysis, big (health) data coupled with machine or deep learning, and radiomics/radiogenomics. Her current research interests are on investigating quantitative imaging derived biomarkers, models, and systems for cancer screening and risk assessment, diagnosis, and treatment. The main aim or goal of her research work is to improve individualized clinical decision-making and precision medicine. Dr. Tan has published around 50 journal and conference papers and is a regular reviewer for many renowned journals and conferences.