

Speaker Form

Speech Title	Application of Q-STRIATUM for Semi-quantitative Analysis of DaT-SPECT Images	
Speaker	Dr Wen-Chen Lin	
Organization / Affiliation	Ritum Biomedical Inc., Taiwan	
Position / Title	Deputy General Manager	

Abstract

The Q-Striatum software is primarily used by nuclear medicine physicians and is specifically designed for single photon emission computed tomography (SPECT) images using the Tc-99m TRODAT-1 nuclear medicine imaging tracer. It serves as an auxiliary evaluation tool for DaT-SPECT images, enabling image display, review, region-of-interest (ROI) delineation, and reporting.

Biography

Dr. Wen-Chen Lin is currently the Deputy General Manager at Ritum Biomedical Inc., Taiwan. He obtained his Ph.D. in Electrical Engineering from Chung Yuan Christian University in 2011, followed by postdoctoral studies and part-time assistant professorship at the same university. His research interests include medical image processing and software engineering for medical devices. One of his key projects is the development of the Q-Striatum software.