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學歷	2004–2009 Doctor of Philosophy Department of Biomedical Engineering Case Western Reserve University. Dr. Raymond F. Muzic, Jr., thesis advisor.	

	<p><u>2000–2002</u>  Master of Science  Institute of Biomedical Engineering  National Yang Ming University, Taiwan. Dr. Tsair Kao, thesis advisor.</p> <p><u>1996–2000</u>  Bachelor of Science  Department of Computer Information Science  National Chiao Tung University, Taiwan.</p>
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<p><b>研究專 長</b></p>	<p>生醫材料  表面處理</p>

研究成果

1. **Fang YH**, Chiu SC, Lin KJ, Lu CS, Yen TC, Weng YH. Fully automated quantification of the striatal uptake ratio of [99mTc]-TRODAT with SPECT imaging: Evaluation of the diagnostic performance in Parkinson's disease and the temporal regression of striatal tracer uptake. In revision with *Annals of Nuclear Medicine* (SCI = 1.50; 71/121)
2. Tsai YJ, Huang HM, **Fang YH**, Hsiao IT. Accelerating MAP tomographic reconstruction using a bigger step size. In revision with *Computerized Medical Imaging and Graphics* (SCI=1.50; 72/121)
3. Nguyen D, Chou PY, Hsieh YH, Momeni A, **Fang YH**, Patel K, Yang, CY, Cheng MH. Quantity of Transferred Vascularized Lymph Nodes Correlates with Improvement in Lymphatic Drainage in a Rat Lymphedema Model. Under review by *Microsurgery* (SCI=2.42; 44/202)
4. Cheng NM, **Fang YH**, Tsan DL, Yang CT, Hsu CH, Yen TC. Motion correction with is necessary for texture parameters of 18F FDG PET/CT in prediction survival of non-small cell lung cancer. Under review by *European Journal of Radiology* (SCI=2.16; 43/121)
5. Cheng NM, **Fang YH**, Lee LY, Chang JTC, Tsan DL, Ng SH, Wang HM, Liao CT, Yen TC. The 18F-FDG PET regional texture feature zone-size non-uniformity predicts survival in patients with oropharyngeal cancer. In press. *European Journal of Nuclear Medicine and Molecular Imaging* (SCI = 5.21; 7/121)
6. Yen TC, Visvikis D, Pan T, **Fang YH**. Biomedical Imaging: Role and Opportunities of Medical Imaging in the “-omics” Era (Editorial). *BioMed Research International (Formerly Journal of Biomedicine and*

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  8. **Fang YH**, Lin CY, Shih MJ, Wang HM, Ho TY, Liao CT, and Yen TC. Development and evaluation of an open-source software package for quantifying tumor heterogeneity with molecular images. *BioMed Research International (Formerly Journal of Biomedicine and Biotechnology)*. Vol. 2014, Article ID 248505, 9 pages, 2014 (SCI = 2.70; 53/165; cited: 0 times)
  9. Yeh TS, **Fang YH (co-first author)**, Lu CH, Chiu SC, Yeh CL, Yen TC, Parfyonova Y and Hu YC. Baculovirus-transduced, VEGF-expressing Adipose-derived Stem Cell Sheet for the Treatment of Myocardium Infarction. *Biomaterials*. Jan; 35: 174-184, 2014 (SCI = 8.31; 2/77; cited: 5 times)
  10. Lu CH, Yeh TS, Yeh CL, **Fang YH**, Sung LY, Lin SY, Yen TC, Chang YH and Hu YC. Regenerating Cartilages by Engineered ASCs: Prolonged TGF- $\beta$ 3/BMP-6 Expression Improved Articular Cartilage Formation and Restored Zonal Structure. *Molecular Therapy*. Jan; 22(1): 186-195, 2014 (SCI=6.42; 13/165; cited: 5 time)
  11. Su KH, Yen TC, **Fang YH (corresponding author)**. A novel approach for direct reconstruction of parametric images for myocardial blood flow from PET imaging. *Medical Physics*. Oct; 40(10):102505-1-102505-12, 2013. (SCI=2.83; 29/116; cited: 1 times)
  12. Cheng NM, **Fang YH (co-first author)**, Chang JT, Huang CG, Tsan DL, Ng SH, Wang HM, Lin CY, Liao CT and Yen TC. Texture features of pretreatment 18F FDG PET/CT images: prognostic significance in patients with advanced

- T-stage oropharyngeal squamous cell carcinoma. *Journal of Nuclear Medicine*. Oct;54(10):1703-9, 2013. (SCI=6.38; 1/116; cited: 3 times)
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