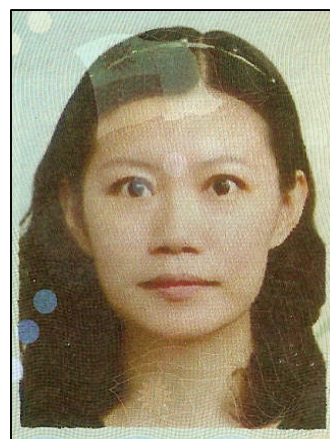


CURRICULUM VITAE

Personal Data

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Education Qualification

Institution	Nation	Department/Program	Degree	Dates
Institute of Medicine	Taiwan	Kaoshiung Medical University	Ph.D.	From <u>1999 / 9</u> to <u>2005 / 12</u>
Graduate Institute of Biochemistry	Taiwan	Kaoshiung Medical University	Master.	From <u>1998 / 9</u> to <u>1999 / 7</u>

Professional Working Experience

Institution	Department/Program	Position	Duration
Current Position:	China Medical University Hospital	Assistant Investigator	From <u>2008 / 8</u> to <u>present</u>
Past Experience	National Chung Hsing University	Post-doctor	From <u>2006 / 8</u> to <u>2008 / 7</u>

Academic Honors and Awards

Year	Awards
2007	Excellent post-doctor award of National Health Research Institute (NHRI) (Sheraton Chicago Hotel and Towers Chicago, Illinois, USA) (2007-04-18~2007-04-21), <i>Biomaterials</i> .
2007	Gou-Jen Wang, Cheng-Chih Hsueh, Shan-hui Hsu, <u>Huey-Shan Hung</u> . Fabrication of PLGA Microvessel Scaffolds with Circular Microchannels Using Soft Lithography. <i>Journal of Micromechanics and Microengineering</i> . (2007, 最佳論文獎).
2008	Excellent post-doctor award of National Health Research Institute (NHRI) (8th World Biomaterials Congress)(Amsterdam, The Netherlands) (2008-05-28~2008-06-01).

■ Research Field of Interest

- ❖ Cell Biology & Signal Transduction
- ❖ Stem Cell Biology & Tissue Engineering
- ❖ Vascular Nanotechnology
- ❖ Biomaterial Application

Research Grants

- ❖ From China Medical University

The repair mechanism of damage endothelial cells on polyurethane-gold nanocomposites. 2009/1/1~2009/6/30, NT 300'000 (DMR-98-124; Role: PI)

Publications

❖ Journal articles (RPI=108.4)

1.	<u>Huey-Shan Hung</u> ; Wen-Jun Wu; Ya-Wen Cheng; Kee-Lung Chang; Huei Lee. Cooking oil fumes improve lung adenocarcinoma cell survival through c-IAP2 induction. <i>J Toxicol Environ Health A</i> . 2005 Sep; 68 (17-18): 1525-35. (IF: 1.805)
2	<u>Huey-Shan Hung</u> , Wen-Jun Wu, Ya-Wen Cheng, Tsu-Chin Wu,

	Kee-Lung Chang and Huei Lee: Association of cooking oil fumes exposure with lung cancer: involvement of inhibitor of apoptosis proteins in cell survival and proliferation in vitro. <i>Mutat Res.</i> 2007 Apr 2;628(2):107-16. (IF: 2.278)
3	Gou-Jen Wang, Cheng-Chih Hsueh, Shan-hui Hsu, <u>Huey-Shan Hung</u> . Fabrication of PLGA Microvessel Scaffolds with Circular Microchannels Using Soft Lithography. <i>Journal of Micromechanics and Microengineering</i> , 2007, 17, 2000-2005. (IF: 2.700; Ranking: 6/109).
4	<u>Huey-Shan Hung</u> , Shan-hui Hsu. Biological performances of poly(ether)urethane-silver nanocomposites. <i>Nanotechnology</i> , 2007, 18: 475101 (9pp). (IF: 3.310; Ranking: 2/67)
5	C. Chen, <u>H. Hung</u> , S. Hsu. Low-energy laser irradiation increases endothelial cell proliferation, migration, and eNOS gene expression possibly via PI3K signal pathway., <i>Lasers in Surgery and Medicine</i> , 2008, 40: 46-54. (IF: 2.700)
6	Cheng-Chin Hsueh, Gou-Jen Wang, Shan-hui Hsu, <u>Huey-Shan Hung</u> . Fabrication of Nanostructured PLGA Scaffolds Using Anodic Aluminum Oxide Templates. <i>DTIP of MEMS& MOEMS</i> . 2008; 9-11.
7	<u>Huey-Shan Hung</u> , Shan-hui Hsu. The behavior of endothelial cells on a series of polyurethane nanocomposites and the associated signaling pathways. <i>Biomaterials</i> , 2009, 30, 1502-1511. (IF: 6.262; Ranking:1/16).
8	<u>Huey-Shan Hung</u> , Shan-hui Hsu. The response of endothelial cells to polymer surface comprised of nanometric micelles. <i>New Bionanotechnology</i> , 2009 (In press, Accepted manuscript). (IF: 4.246)
9	<u>Huey-Shan Hung</u> , Woei-Cherng Shyu, Chang-Hai Tsai, Shan-hui Hsu, Shinn-Zong Lin. Transplantation of endothelial progenitor cells as therapeutics for cardiovascular diseases. <i>Cell transplantation</i> (In press). (IF: 3.874; Ranking: 2/21).
10	<u>Huey-Shan Hung</u> , Hsiang-Jung Tseng, Chiung-Hui Hung, Ming-Chien Wang, Jiun-Chiou Wei. Antimicrobial and cellular responses to natural clays modified by lipid-like fatty amines. <i>ACS Applied Materials & Interfaces</i> (In revision).

Conference presentations

- ❖ **Hung, HS** & Hsu, SH. Migration of endothelial cells on polyurethane-gold nanocomposites. Biomaterials, Illinois, USA. 2007, April.
- ❖ **Hung, HS** & Hsu, SH. Polyurethane-gold nanocomposites promote maturation of endothelial progenitor cells. International Conference on Bionano Science (ICONBS). Taiwan. 2007, December.
- ❖ **洪慧珊**, 徐善慧, 細胞與新穎奈米矽片交互作用機制之探討. 中西醫論文投稿. 2007, May.
- ❖ 薛承智 徐善慧 **洪慧珊** 王國楨. 利用軟微影技術製作 PLGA 人工微血管工學院九十五學年度『學術委員會~學生論文競賽』第二名. 2007, May.
- ❖ **Hung, HS** & Hsu, SH. Polyurethane-gold nanocomposites promote maturation of endothelial progenitor cells. 8th World Biomaterials Congress. Amsterdam, The Netherlands. 2008, May.