

自傳簡歷

姓名	徐政達, Ph.D.			職稱	基礎醫學研究室主任
教育／訓練					
學校／機構	學位／職稱	畢業／工作時間	教育／訓練專業		
國立成功大學	學士	1989	Biological Sciences		
Murray State University, Kentucky	碩士	1996	Biological Sciences		
University of Notre Dame, Indiana	博士	2001	Biological Sciences		
Washington University; St. Louis, MO	Postdoctoral	2001-2006	Lens Mol. Biol.		
Washington University; St. Louis, MO	Staff Scientist	2006-2007	Vision Mol. Biol.		
戴德森醫療財團法人嘉義基督教醫院	醫學研究員	2007-2010	基礎醫學研究		
戴德森醫療財團法人嘉義基督教醫院	主任	2011-present	基礎醫學研究		

專業經歷:

2011-Present 戴德森醫療財團法人嘉義基督教醫院, 醫學研究部/基礎醫學研究室主任

2007-2011 **Medical Researcher**

Chia-Yi Christian Hospital, Department of Medical Research, Taiwan

2006-2007 **Staff Scientist**

Laboratory of Dr. Shiming Chen. Washington University in St. Louis, Medical School, Department of Ophthalmology and Vision Sciences, Missouri

2001 - 2006 **Research Associate postdoctoral fellow.**

Laboratory of Dr. J. Mark Petrash. Washington University in St. Louis, Medical School, Department of Ophthalmology and Vision Sciences, Missouri

1997 - 2001 **Predocctoral Fellow**

Laboratory of Dr. Joseph E. O'Tousa, University of Notre Dame, Department of Biology, Indiana.

1999 **Graduate Teaching Assistant of Cellular Biology**

University of Notre Dame, Department of Biology, Indiana.

1998 **Graduate Teaching Assistant of Genetics**

University of Notre Dame, Department of Biology, Indiana.

- 1997 **Graduate Teaching Assistant of General Biology**
University of Notre Dame, Department of Biology, Indiana
- 1996 **Graduate Teaching Assistant of Human Genetics**
University of Notre Dame, Department of Biology, Indiana.
- 1995 **Graduate Teaching Assistant of Microbiology & Immunology**
Murray State University, Department of Biological Science, Kentucky
- 1994 - 1995 **Graduate Research Assistant**
Laboratory of Dr. James Stuart. Murray State University,
Department of Biological Science, Kentucky
- 1992 - 1993 **Research Assistant**
Laboratory of Dr. Chin-Tarng Lin, Medical School of National Taiwan University.

PUBLICATIONS:

Cheng-Da Hsu, Sheila M. Adams and Joseph E. O'Tousa (2002) *Rpr-* and *hid-*driven cell death in *Drosophila* photoreceptors. *Vision Research*, 42(4):507-16

Cheng-Da Hsu, Michelle A. Whaley, Kristin Frazer, Douglas A. Miller, Kathleen A. Mitchell, Sheila M. Adams, and Joseph E. O'Tousa (2004) Limited Role of Developmental Programmed Cell Death Pathways in *Drosophila norpA* Retinal Degeneration. *The Journal of Neuroscience*, 24: 500 – 507

Cheng-Da Hsu, Steven Kymes and J. Mark Petrash (2006) A Transgenic Mouse Model for Human Autosomal Dominant Cataract. *Investigative Ophthalmology and Visual Science*, 47:2036-2044.

Kelly A. Barton, **Cheng-Da Hsu**, and J. Mark Petrash (2009) Interactions between Small Heat Shock Protein α -Crystallin and Galectin-Related Interfiber Protein (GRIFIN) in the Ocular Lens. *Biochemistry*, 48:3956-3966.

Yuan-Hung Wang, Hung-Yi Chiou, Chang-Te Lin, Hsiao-Yen Hsieh, Chia-Chang Wu, **Cheng-Da Hsu**, and Cheng-Huang Shen (2009). Association between Survivin Promoter -31 C/G Polymorphism and Urothelial Cancer in the Taiwanese Population. *Urology*, 73:670-674.

Akishi Onishi, Guang-Hua Peng, **Chengda Hsu**, Uel Alexis, Shiming Chen, Seth Blackshaw (2009) Pias3-dependent SUMOylation directs rod photoreceptor development. *Neuron*, 29;61(2):234-46.

Mei-Yi Lin, Su-Yin Chian, Hsiu-Ching Wu, **Cheng-Da Hsu**, Jao-Jia Chu (2009) Anti-inflammatory Effect of Ding Chuan Tang In Human Lung Epithelial Cells. 台灣中醫臨床醫學雜誌, 15(2): 97-110.

Cheng-Da Hsu, SuYin Chiang, Syue-Yi Chen, Lin-Chien Hung, Chao-po Lin, Mei Yi Lin (2010) The effect of Cortex Mouta on Human Umbilical Vein Endothelial Cells and Epithelial Tumor Cells. *Journal of Integrated Chinese and Western Medicine*, 12(4): 1-9 ◦

Cheng-Huang Shen, Hsiao-Yen Hsieh, Yuan-Hung Wang, Syue-Yi Chen, Chun-Liang Tung, Jiann-Der Wu, Chang-TeLin, Michael W.-Y. Chan, **Cheng-Da Hsu** and Deching Chang (2010) High Dickkopf-1 expression is associated with poor prognosis in patients with advanced urothelial carcinoma. Exp. Ther. Med., 1:893-898.

Chen PC, Tsai MH, Yip SK, Jou YC, Ng CF, Chen Y, Wang X, Huang W, Tung CL, Chen GC, Huang MM, Tong JH, Song EJ, Chang DC, **Hsu CD**, To KF, Shen CH, Chan MW. (2011) Distinct DNA methylation epigenotypes in bladder cancer from different Chinese sub-populations and its implication in cancer detection using voided urine. BMC Med Genomics. 20;4(1):45.

Cheng-Huang Shen, Jiann-Der Wu, **Cheng-Da Hsu**, Yeong-Chin Jou, Chang-Te Lin, Meilin Wang, Shu-Fen Wu, Michael W.Y. Chan, Ming-Ko Chiang, Chiung-Yao Fang, Deching Chang (2011) The High Incidence of JC Virus Infection in Urothelial Carcinoma Tissue in Taiwan. J. Med. Virol. 83:2191–2199.

PROFESSIONAL MEMBERSHIPS

The Association for Research in Vision and Ophthalmology

North America Taiwanese Engineers' Association-St. Louis

The Midwest Chinese American Science and Technology Association

PRESENTATIONS

Cheng-Da Hsu (1997)

Molecular Cloning and Characterization of a Conjugative Transposon(Tn 5421) from *Streptococcus suis* Master Thesis Defense, Murray State University, Kentucky

Cheng-Da Hsu, Joseph E. O'Tousa (1998)

Ectopic induction of cell death via rpr and hid in *Drosophila* adult photoreceptors. Midwest Regional *Drosophila* Conference, University of Iowa in Iowa City, IA.

Cheng-Da Hsu, Sheila M. Adams, Joseph E. O'Tousa (1999)

Rpr and Hid-driven cell death in postmitotic *Drosophila* photoreceptors. Meeting on Neurobiology of *Drosophila*, Cold Spring Harbor, New York

Michelle A. Whaley, **Cheng-Da Hsu**, Kristin Frazer, Doug Miller, Sheila M. Adams, and Joseph E. O'Tousa (2001) Caspase-dependent and caspase-independent processes in *Drosophila* retinal degeneration

National *Drosophila* Research Conference, Washington D.C

Joseph E. O'Tousa, Michelle A. Whaley, **Cheng-Da Hsu**, Kristin Frazer, Doug Miller, and Sheila M. Adams (2001) Caspase-dependent and caspase-independent processes in *Drosophila* retinal degeneration

Vision Research Conference on Animal Models of Retinal Degeneration: New Approaches and Applications. Fort Lauderdale, FL

Cheng-Da Hsu (2001)

Programmed Cell Death Pathways in Drosophila Photoreceptors
Ph.D. Dissertation Defense, University of Notre Dame, Indiana

Joseph E. O'Tousa, **Cheng-Da Hsu**, Michelle A. Whaley, and Sheila M. Adams, Kristin Frazer, Doug A. Miller, (2001)

Control of cell death processes in Drosophila retinal degeneration mutants
Association for Research in Vision and Ophthalmology Annual Conference, Fort Lauderdale, FL

Cheng-Da Hsu (2002)

Programmed Cell Death Pathways in Drosophila Photoreceptors
The Midwest Chinese American Science and Technology Association Annual Conference, St. Louis, MO

Cheng-Da Hsu, J. Mark Petrash (2003)

Lens defects in transgenic mice expressing a human R116C α A-crystallin mutant
Association for Research in Vision and Ophthalmology Annual Conference. Fort Lauderdale, FL

Cheng-Da Hsu, Steven Kymes, J. Mark Petrash (2004)

Characterization of lens defects in transgenic mice expressing a human R116C α A-crystallin mutant
Association for Research in Vision and Ophthalmology Annual Conference. Fort Lauderdale, FL

Cheng-Da Hsu, J. Mark Petrash (2005)

Crystallin Changes in Animal Models of α A R116C Autosomal Dominant cataract
Association for Research in Vision and Ophthalmology Annual Conference. Fort Lauderdale, FL

Cheng-Da Hsu¹, Guang-Hua Peng¹, Akishi Onishi², Uel Alexis², Seth Blackshaw² and Shiming Chen¹ (2007)

Pias3 regulates opsin gene expression by interacting with photoreceptor transcription factors Crx and Nr2e3
Association for Research in Vision and Ophthalmology Annual Conference. Fort Lauderdale, FL

Cheng-Da Hsu^{1,2}(徐政達), Hsiao-Yen Hsieh¹(謝小燕), Syue-Yi Chen¹(陳學毅), Jiann-Der Wu¹(吳建德), Cheng-Huang Shen^{1,2}(沈正煌) (2009)

Expression of DKK1 in urinary tract TCC as a potential serologic and tumor progressive biomarker

第 17 屆細胞及分子生物新知研討會

Cheng-Huang Shen, Hsiao-Yen Hsieh, Yuan-Hung Wang, Syue-Yi Chen, Jiann-Der Wu, Chang-Te Lin, **Cheng-Da Hsu (2009)**

Serum DKK1 level Is Associated with Histological Parameters and Recurrence in Urothelial Carcinoma.

The 16th Annual Meeting and 31th General Scientific Meeting, Taiwan Urological Association. August 29-30 2009

Cheng-Da Hsu, Hsiao-Yen Hsieh, Yuan-Hung Wang, Syue-Yi Chen, Chun-Liang Tung, Jiann-Der Wu, Chang-Te Lin, Cheng-Huang Shen (2010)
High Serum DKK1 level Is Associated with Poorly Differentiated and Advanced Urothelial Tumor and Is a Predictor of Relapse in Urothelial Carcinoma

第25屆生醫年會，台北

Lin-Chien Hung, Michael Wing-Yan Chan, **Cheng-Da Hsu** (2010)
Epigenetic Regulation Of *Pygopus1* In Bladder Cancer

第25屆生醫年會，台北

Cheng-Da Hsu, Ching-Chung Chiang, Cheng-Huang Shen, Hsiao-Yen Hsieh, Lin-Chien Hung, Ching-Hsiu Huang (2011)
Suitable reference genes for accurate normalization of real-time quantitative RT-PCR data are different in human hepatitis C virus (HCV)-related hepatocellular carcinoma (HCC) and bladder urothelial carcinoma (UC)

第19屆細胞及分子生物新知研討會

Yuan-Horng Yan, **Cheng-Da Hsu** (equal contribution as first author), Michael W.Y. Chan, Cheng-Huang Shen, Tsun-Jen Cheng

Effects of sub-chronic exposure to particulate matters on methylation of lung tissue in SD rats

51st Annual Meeting of the Society of Toxicology at Moscone Convention Center in San Francisco, CA

Cheng-Da Hsu, Ching-Chung Chiang, Hsiao-Yen Hsieh, Ching-Hsiu Huang
Expression of WNT3A is associated with Hepatitis C Virus infection in Liver

第27屆生醫年會，台北

Hsiao-Yen Hsieh, **Cheng-Da Hsu**, Ching-Chung Chiang, Ching-Hsiu Huang
Aberrant Expression profile of Canonical Wnt Genes in Hepatitis C Virus-related Hepatocellular Carcinomas

第27屆生醫年會，台北

Yu-Hsin Chen, San-Ging Shu, Hsiao-Yen Hsieh, Chun-Lin Huang, Chuang-Ming Wang, Siew-Lee Wong and **Cheng-Da Hsu**

Molecular Genetics Analysis of Two Children with Tricho-Rhino-Phalageal Syndrome in Taiwan

第27屆生醫年會，台北

Chi-Chen Lu, Syue-Yi Chen, Hsiao-Yen Hsieh, Cheng-Huang Shen, Michael WY Chen
Cheng-Da Hsu

Comparison of The Efficacy and Cytotoxicity of Traditional Chinese Medicine Guizhi Fuling Wan (GFW) versus Cisplatin as Intravesical Instillations Drug for Bladder

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carcinoma Treatment and Investigation of the Underlie Mechanism Responsive to GFW in Bladder Cancer Cells

第 27 屆生醫年會，台北