

**Name:** 顏至慶 Chih-Ching Yen, M.D., Ph.D.

Gender: Male	Tel.: (04)22052121 ext.3483
Birth Place: Taiwan	Fax: (04)22038883
Birth Date: 1964/04/10	Email Address: <a href="mailto:davidccyen@hotmail.com.tw">davidccyen@hotmail.com.tw</a>
Address: No.2, Yuh-Der Road, Taichung, Taiwan, 40447, ROC.	

### **Education**

Institution and Location	Degree	Year Conferred	Field of Study
Department of Life Sciences, National Chung Hsing University	Doctor of Philosophy	2009	Acute lung injury, Oxygen toxicity, Lactoferrin, EC-SOD
The Institution of Medical Science, China Medical University	Master	1999	Heart-Lung interaction
Medical Department of China Medical University	M.D.	1989	Medicine

### **Current Position & Professional Experience**

Position	Institution/Employer and Location	Date of Employment
Associate Professor	Department of Respiratory Therapy, China Medical University	08/2013
Assistant Professor	Department of Respiratory Therapy, China Medical University	06/2007~08/2013
Attending physician	Division of Chest Medicine, China Medical University Hospital	06/1996~
Director	Department of Internal Medicine, China Medical University Peikang Hospital	01/2003 ~ 09/2005
Research Fellow	Division of Critical Care Medicine, Imperial College of Science, Technology and Medicine, London University, UK	07/2001 ~ 06/2002
Acting Director	Section of Respiratory Therapy, Division of Pulmonary and Critical Care Medicine, China Medical University	12/1998 ~ 06/2001
Attending physician	Section of Respiratory Therapy, Department of Internal Medicine, Taichung Veterans General Hospital	07/1994 ~ 05/1996

Resident	Department of Internal Medicine, Taichung Veterans General Hospital	07/1989 ~ 06/1994
----------	---	-------------------

### **Field of Interest**

Internal Medicine,  
Critical Care Medicine

### **Research Articles (SCI):**

1. H. L. Chen, Y. W. Lai, **C. C. Yen**, Y. Y. Lin, C. Y. Lu, S. H. Yang, T. C. Tsai, C. W. Lin and C. M. Chen\*. 2004. Production of recombinant porcine lactoferrin exhibiting antibacterial activity in methylotrophic yeast, *Pichia pastoris*. **J. Mol. Microbiol. Biotechnol.** 8: 141-149. (SCI).
2. **C. C. Yen**, S. H. Yang, C. Y. Lin, and C. M. Chen\*. 2006. Stem cells in the lung parenchyma and prospects for lung injury therapy. **Euro. J. Clin. Invest.** 36: 310-319. (SCI).
3. H. L. Chen‡, **C. C. Yen**‡, C. Y. Lu, C. H. Yu, and C. M. Chen\*. 2006. Synthetic porcine lactoferricin with 20-residue peptide exhibits antimicrobial activity against *Escherichia coli*, *Staphylococcus aureus* and *Candida albicans* **J. Agri. Food Chem.** 54: 3277-3282. (‡Equal contribution authors) (SCI).
4. H. L. Chen‡, **C. C. Yen**‡, T. C. Tsai, Y. W. Lai, C. H. Yu, and C. M. Chen\*. 2006. Production and characterization of human extracellular superoxide dismutase (ECSOD) in methylotrophic yeast, *Pichia pastoris*. **J. Agri. Food Chem.** 54: 8041-8047. (‡Equal contribution authors) (SCI).
5. S. C. Wu, H. L. Chen, **C. C. Yen**, M. F. Kuo, T. S. Yang, S. R. Wang, C. N. Weng, C. M. Chen, W. T. K. Cheng. 2007. Recombinant Porcine Lactoferrin Expressed in the Milk of Transgenic Mice Enhances Offspring Growth Performance. **J. Agri. Food Chem.** 55: 4670-4677. (SCI).
6. H. L. Chen, L. C. Wang, C. H. Chang, **C. C. Yen**, W. T. K. Chen, S. C. Wu, C. M. Hung, M. F. Kuo, C. M. Chen. 2008. Recombinant porcine lactoferrin expressed in the milk of transgenic mice protects neonatal mice from a lethal challenge with enterovirus type 71. **Vaccine.** 26: 891-898.(SCI).

7. **C.C. Yen**, C.Y. Lin, K.Y. Chong, T.C. Tsai, C.M. Hung, C.J. Shen, H.L. Chen, C.M. Chen. 2009. Lactoferrin as a natural regimen of selective decontamination of the digestive tract: recombinant porcine lactoferrin expressed in the milk of transgenic mice protects neonates from pathogen challenge in the gastrointestinal tract. *J. Inf. Dis.* 199: 590-598 (SCI. IF 6.3).
8. C.M. Hung, C.C. Yeh, K.Y. Chong, H.L. Chen, J.Y. Chen, S.T. Kao, **C.C. Yen**, M.H. Yeh, M.S. Lin, C.M. Chen. 2009. Gingyo-san enhances immunity and potentiates infectious bursal disease vaccination. *Evid Based Complement Alternat Med.* 2009 Mar 22 (SCI).
9. H.L. Chen, Y.W. Lai, C.S. Chen, T.W. Chu, W. Lin, **C.C. Yen**, M.F. Lin, M.Y. Tu, C.M. Chen. 2010. Probiotic *Lactobacillus casei* expressing human lactoferrin elevates antibacterial activity in the gastrointestinal tract. *Biometals.* 23: 543-554 (SCI).
10. C.M. Hung, S.C. Wu, **C.C. Yen**, M.F. Lin, Y.W. Lai, Y.T. Tung, H.L. Chen, C.M. Chen. 2010. Porcine lactoferrin as feedstuff additive elevates avian immunity and potentiates vaccination. *Biometals.* 23: 579-587 (SCI).
11. **C.C. Yen**, C.J. Shen, W.H. Hsu, Y.H. Chang, H.T. Lin, H.L. Chen, C.M. Chen. 2011. Lactoferrin: and iron-binding antimicrobial protein against *Escherichia coli* Infection. *Biometals.* 24: 585-594. (SCI).
12. **C.C. Yen**, Y.W. Lai, H.L. Chen, C.W. Lai, C. Y. Lin, W. Chen, Y.P. Kuan, W.H. Hsu, C.M. Chen. 2011. Aerosolized human extracellular superoxide dismutase prevents hyperoxia-induced lung injury. *PLoS One.* 2011; 6: e26870. (Epub) (SCI)
13. J.Y. Chen, H.L. Chen, S.H. Wu, T.C. Tsai, M.F. Lin, **C.C. Yen**, W.H. Hsu, W. Chen, C.M. Chen. 2011. Application of high-frequency ultrasound for the detection of surgical anatomy in the rodent abdomen. *Vet J.* 2012; 191: 246-252. (SCI).
14. Yu-Tang Tung‡, **Chih-Ching Yen**‡, Hsiao-Ling Chen‡, Ming-Feng Lin, Chih-Jie Shen, Cheng-Wei Lai, Yi-Wen Lai, and Chuan-Mu Chen\*  
Bovine lactoferrin inhibits growth of lung cancer cells and solid tumors in vascular endothelial growth factor (VEGF)-overexpressing transgenic mice. *J of Dairy Science.* 2013; 96: 2095-2106. (‡Equal contribution authors) (SCI).
15. Shih-Tao Wen, Wei Chen, Hsiao-Ling Chen, Chen-Wei Lai, **Chih-Ching Yen**, Kun-Hsiung Lee, Shinn-Chih Wu, Chuan-Mu Chen. Amniotic fluid stem cells from EGFP transgenic mice attenuate

hyperoxia-induce acute lung injury. **PLoS One**. 2013; 8/Issue 9/e75383 (SCI).

16. H.L.Chen‡, **C.C. Yen‡**, S.M.Wang‡, T.C. Tsai, Z.L. Lai, J.Y. Sun, W Lin, W.H. Hsu, C.M. Chen. a Aerosolized bovine lactoferrin reduces lung injury and fibrosis in mice exposed to hyperoxia. **Biomaterials**. 2014 May 20. (‡*Equal contribution authors*) (SCI). (Epub ahead of print).