



陳柏文 Chen, Po-Wen

副教授

研究領域: 益生菌與乳鐵蛋白之研發應用、泌尿道感染防治、非酒精性脂肪肝防治、抗微生物、抗癌、抗發炎應用；促進水生動物健康、腸道菌群與宿主健康關聯性、動物代謝性疾病模組、整體性微生物群相與動物健康、致突變性分析。

教授課程: 藥理學、藥理學實驗、生理學、生理學實驗、高等藥理學、文獻探討。

Tel: 04-22840368 ext:36

E-mail: powenchen@nchu.edu.tw

學歷:

- 博士: 中興大學獸醫學系
- 碩士: 中興大學獸醫學系
- 學士: 中興大學獸醫學系

工作經歷:

- 中興大學獸醫學系 副教授 2022/02
- 中興大學獸醫學系 助理教授 2019/02
- 聖母醫護管理專科學校護理科 副教授 2014/02
- 聖母醫護管理專科學校護理科 助理教授 2010/08
- 聖母醫護管理專科學校護理科 學生事務處主任 2012 ~ 2015
- 台灣大學醫學院微生物學科 博士後研究員 2005/12 ~ 2009/12
- 行政院農業委員會防疫檢疫局 獸醫技士 1999 ~ 2000

榮譽:

1. 1080201~1110131: 新進教師彈性薪資獎勵 (中興大學)
2. 105、106 年度: 中華民國私校教育事業學會 模範教師
3. 103 ~ 107 學年度: 科技部補助大專校院獎勵特殊優秀人才獎勵 (聖母專校)
4. 99、101、104、105 學年度: 績優導師 (聖母專校)
5. 101、105 學年度: 教學優良教師 (聖母專校)
6. 103 學年度: 指導學生社團獲得綜合社團組評鑑冠軍
7. 2003 斐陶斐獎 (中興大學)
8. 1998 獸醫師檢覈考榜首
9. 1998 金鑰獎 (中興大學)
10. 1998 斐陶斐獎 (中興大學)

代表著作 2013-2021

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2. **Chen PW***, Kuo TC, Liu ZS*, Lu HF. 2021. Assessment of the mutagenicity of two common indoor air pollutants, formaldehyde and toluene. *Indoor Air*. 2021;00:1-11 **IF: 5.770**
3. Liu ZS, Lin CF, Lee C-P, Hsieh M-C, Lu H-F, Chen Y-F, Ku Y-W, **Chen PW***. 2021. A Single Plasmid of Nisin-Controlled Bovine and Human Lactoferrin Expressing Elevated Antibacterial Activity of Lactoferrin-Resistant Probiotic Strains. *Antibiotics (Basel)*, 10(2):120. **IF: 4.639**
4. **Chen PW***, Kuo YH, Lin YL. 2020. The Impact of the Postpartum "Doing-the-Month" Practice on Human Milk Microbiota: A Pilot Study in Taiwan. *Microorganisms*. 8(9):1283. **IF: 4.128**

5. Huang MS, Cheng CC, Tseng SY, Lin YL, Lo HM, **Chen PW***. 2019. Most commensally bacterial strains in human milk of healthy mothers display multiple antibiotic-resistance. *Microbiology Open*, 8:e618. **IF: 3.139**
6. **Chen PW***, Lin YL, Huang MS. 2018. Profiles of commensal and opportunistic bacteria in human milk from healthy donors in Taiwan. *Journal of Food and Drug analysis*, 26:1235-1244 **IF: 6.079**
7. **Chen PW**, Liu ZS, Kuo TC. 2018. Assessment of cellular mutagenicity of one common air pollutant by using Ames assay. Conference on Environment and Sustainable Development, Nov 2-4, Singapore
8. Liu ZS, **Chen PW***, Wang JY, Kuo TC. 2017. Assessment of cellular mutagenicity of Americano coffees from popular coffee chains. *Journal of Food Protection*, 9:1489-1495. **IF: 2.077**
9. **Chen PW***, Liu ZS, Kuo TC, Hsien MC and Li ZW. 2017. Prebiotic effects of bovine lactoferrin on specific probiotic bacteria. *Biometals*, 30(2):237-248. **IF: 2.949**
10. **Chen PW**, Lin YL, Huang MS. 2017. Prevalence of Commensal and Pathogenic Bacteria in Human Milk at Different Lactational Stages and after Different Types of Delivery. ALPHA : Advancing the Life Sciences and Public Health Awareness, August 1-3, Hiroshima , JAPAN.
11. **Chen PW**, Liu ZS*, Wun MJ, Kuo TC. 2016. Cellular Mutagenicity and Heavy Metal Concentrations of Leachates Extracted from the Fly and Bottom Ash Derived from Municipal Solid Waste Incineration. *Int J Environ Res Public Health*. 13: E1078. **IF: 3.390**
12. **Chen PW***, Tseng SY and Huang MS. 2016. Antibiotic Susceptibility of Commensal Bacteria from Human Milk. *Curr Microbiol*, 72:113-119 **IF: 2.188**
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15. **Chen PW**, Huang MS, Tseng SY. 2015. Lactobacillus and Enterococcus strains isolated from breast milk exhibit potential anti-bacterial activity against food-borne pathogens. PROBIOTICS SUMMIT. July 5-July 10, San Francisco, USA.
16. **Chen PW***, Ku YW, Chu FY. 2014. Influence of bovine lactoferrin on the growth of selected probiotic bacteria under aerobic conditions. *Biometals*, 27:905-914 **IF: 2.949**
17. **Chen PW***, Jheng TT, Shyu CL, Mao FC*. 2013. Antimicrobial potential for the combination of bovine lactoferrin and its hydrolysate with probiotics against food-borne pathogens. *Journal of Dairy Science*, 96 :1438–1446. **IF: 4.034 (Rank: 6/63)**
18. **Chen PW**, Lin C, Chen CD, Chen WY, Mao FC*. 2013. Chromium levels in insulin-sensitive tissues and thighbone are modulated by prednisone and high-fat diets in mice. *Biometals*, 26:347–354 **IF: 2.949**
19. Pan WR[#], **Chen PW[#]**, Chen YLS, Hsu HC, Chen WJ*. 2013. Bovine lactoferrin B induced apoptosis of human gastric cancer cell line AGS by inhibition of autophagy at a late stage. *Journal of Dairy Science*, 96:7511-20. **#contributed equally IF: 4.034 (Rank: 6/63)**
20. **Chen PW***, Jheng TT, Shyu CL, Mao FC*. 2013. Synergistic antibacterial efficacies of the combination of bovine lactoferrin or its hydrolysate with probiotic secretion in curbing the growth of methicillin-resistant *Staphylococcus aureus* (MRSA). *J Medical Microbiol*, 62: 1845–1851 **IF: 2.422**
21. Lin C[#], **Chen PW[#]**, Chen W-Y, Sun CC, Mao FC*. 2013. Glucagon and insulin have opposite effects on tissue chromium distribution in an obese mouse model. *J diabetes invest*, 4:528-532 **#contributed equally IF: 4.232**
22. **Chen PW**, Jhen TY, Shyu CL, Mao FC. 2013. Synergistic effects for the combination of bovine lactoferrin with probiotics against multi-drug resistant *staphylococcus aureus*. FAVA. Jan.4-Jul.7, Taiwan. P168.