

## 曾俊傑老師個人資料表

### 1. 學歷

學校名稱	主修學門系所	學位	起迄年月
國立台灣大學	環境衛生	博士	91.06–95.07
國立台灣大學	環境衛生	碩士	90.09–91.06

### 2. 經歷

服務機構及單位	職稱	起迄年月
現任：慈濟大學公共衛生學系	教授	107.02 迄今
曾任：國立臺灣大學醫學院環境暨職業醫學科	博士後研究員	95.09 – 96.07

### 3. 近五年曾參與之研究計畫與報告：

1. 生物控制法於感染控制的應用-加濕氣霧機產生之噬菌體氣膠對抗藥性鮑氏不動桿菌之控制效率評估(1/3-2/3) (MOST 109-2628-B-320 -001 -) 科技部優秀年輕學者研究計畫 2020.8-2022.7
2. 院內感染主要之酵母菌-念珠菌之環境偵測與控制技術評估(MOST 108-2314-B-320-004) 科技部研究計畫 2019.8-2020.7
3. 教育部 105 年「大專校院辦理永續發展、防減災與氣候變遷調適」專業課程融入補助案 (MOE105259-A) 2016.8-2017.7
4. 以恥垢分枝桿菌建立空氣肺結核桿菌活性偵測之方法以及控制技術評估 (MOST 105-2628-B-320-001-MY3) 科技部優秀年輕學者研究計畫 2016.8-2019.7

### 4. 近五年著作：

1. **C.C. Tseng**, N. Huang, C.J. Hsieh, C.C. Hung, , Y.L.L. Guo\* (2021) “Contribution of Visible Surface Mold to Airborne Fungal Concentration as Assessed by Digital Image Quantification.” *Pathogens* 10(8), 1032; <https://doi.org/10.3390/pathogens10081032>.
2. C. Y. Hsu , K.H. Chi, C.D. Wu, S.L. Lin, W.C. Hsu, **C.C. Tseng**, M.J. Chen, Y. C. Chen\* (2021) “Integrated Analysis of Source-specific Risks for PM2.5-bound Metals in Urban, Suburban, Rural, and Industrial areas”, *Environmental Pollution* 275. <https://doi.org/10.1016/j.envpol.2021.116652>.
3. M.D. Tsay, **C.C. Tseng (Co-first authorship)**, N. X. Wu and C. Y. Lai (2020) “Size Distribution and Antibiotic-resistant Characteristics of Bacterial Bioaerosol in Intensive Care Unit before and During Visits to Patients”, *Environment International*. <https://doi.org/10.1016/j.envint.2020.106024>.
4. **C.C. Tseng\***, Y.C. Lu, K.C. Chang and C.C. Hung (2020) “Optimization of a Portable Adenosine Triphosphate Bioluminescence Assay Coupled with a Receiver Operating Characteristic Model to Assess Bioaerosol Concentrations on Site”, *Microorganisms*, 8(7), 975; doi:10.3390/microorganisms8070975

5. T.H. Lin, **C.C. Tseng**, Y.L. Huang, H.C. Lin, C.Y. Lai\*, S.A. Lee\*\* (2020) “Effectiveness of N95 Facepiece Respirators in Filtering Aerosol Following Storage and Sterilization”, *Aerosol and Air Quality Research*, 20:833-843. doi: 10.4209/aaqr.2019.12.0620
6. **C.C. Tseng\***, D.C. Chang and K.C. Chang (2019) “Development of a Biocontrol Method Applying Bacteriophage-Containing Aerosol against Mycobacterium tuberculosis Using the Bacteriophage BTCU-1 and M. smegmatis as Models”, *Microorganisms*, (7)8, 237.
7. C.J. Hsieh, P.Y. Yu, C.J. Tai, R.H. Jan, T.H. Wen, S.W. Lin and **C.C. Tseng\***. (2019) “Association between the First Occurrence of Asthma and Residential Greenness in Children and Teenagers in Taiwan”, *International Journal of Environmental Research and Public Health*, 16(12), 2076.
8. J.Y. Zhong, Y.C. Lee, C.J. Hsieh, **C.C. Tseng**, L.M. Yiin (2019) “Association between the first occurrence of allergic conjunctivitis, air pollution and weather changes in Taiwan”, *Atmospheric Environment*. 212:90-95
9. **C.C. Tseng\***, P.Y. Yu, J.W. Liou, and K.C. Chang (2018) “Altered Susceptibility to Air Sampling Stress by Filtration is Related to Colistin Resistance Development in *Acinetobacter baumannii*”, *Indoor Air*. 28:732-743.
10. C.C. Hung, F.J. Huang, Y.Q. Yang, C.J. Hsieh, **C.C. Tseng** and L.M. Yiin\* (2018) “Pesticides in indoor and outdoor residential dust: a pilot study in a rural county of Taiwan”, *Environmental Science and Pollution Research*, doi:10.1007/s11356-018-2413-4.
11. F.J. Huang, C.J. Hsieh, C.H. Young, S.S.H. Chung, **C.C. Tseng**, and L.M. Yiin\* (2018) “The Assessment of Exposure to Occupational Noise and Hearing Loss for Stoneworkers in Taiwan”, *Noise and Health*, 20:146-151
12. J.Y. Zhong, Y.C. Lee, C.J. Hsieh, **C.C. Tseng**, and L.M., Yiin\*(2018) “Association between Dry Eye Disease, Air Pollution and Weather Changes in Taiwan”, *International Journal of Environmental Research and Public Health*, 15:2269-2269
13. L.K. Chen, S.C. Kuo, K.C. Chang, C.C. Cheng, P.Y. Yu, C.H. Chang, T.Y. Chen, and **C.C. Tseng\*** (2017) “Clinical Antibiotic-resistant *Acinetobacter baumannii* Strains with Higher Susceptibility to Environmental Phages than Antibiotic-sensitive Strains”, *Scientific Reports*, 7(1):6319. DOI: 10.1038/s41598-017-06688-w.

5. 近五年研討會發表：

1. **C.C. Tseng**, Y.C. Lu, K.C. Chang and C.C. Hung (2020) 。 Optimization of a Portable Adenosine Triphosphate Bioluminescence Assay Coupled with a Receiver Operating Characteristic Model to Assess Bioaerosol Concentrations on Site 2020 台灣公共衛生學會、台灣流行病學學會、台灣事故傷害預防與安全促進學會、台灣癌症登記學會暨台灣健康保險學會聯合年會
2. T.L. Lin, J.H. Yang, **C.C. Tseng**, and K.H. Tsai (2020) 。 Molecular detection of *Rickettsia felis* and *Bartonella* spp. in cat fleas (*Ctenocephalides felis*) infesting small companion animals from Hualien. 2020 台灣公共衛生學會、台灣流行病學學會、台灣事故傷害預防與安全促進學會、台灣癌症登記學會暨台灣健康保險學會聯合年會
3. **C.C. Tseng** , and Z.M. Pan(2018) 。 Evaluation of Antibacterial Effect and Durability of Quaternary

Ammonium Surfactant for Inactivation of Bacteria on Surfaces. 2018 Asian Conference on Civil, Material and Environmental Sciences, July 10-12, 2018, Tokyo, Japan

4. C.J. Tai and **C.C. Tseng\*** (2018) ◦ Correlation between environmental green cover rate and asthma among children and adolescents. International Society for Environmental Epidemiology and International Society of Exposure Science-Asia Chapter 2018 (ISEE/ESAC 2018), June 21-25, 2018, Taipei, Taiwan
5. **C.C. Tseng** , Y.H. Ho , L.K.Chen(2017) ◦ Application of Bacteriophage-containing Aerosol against Nosocomial Transmission of Carbapenem-resistant *Acinetobacter baumannii* in an Intensive Care Unit. Healthy Buildings 2017 Asia, September 2 to 5, 2017, National Cheng Kung University, Tainan, Taiwan.