

## 施純青 教授 博士

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**現任：**中臺科技大學 護理系 教授  
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**學歷：**中國醫藥學院 中國藥學研究所 藥學博士 1998/08 至 2002/01  
中國醫藥學院 中國藥學研究所 藥學碩士 1986/08 至 1988/07  
中國醫藥學院 藥學系(日間部) 藥學士 1981/08 至 1986/07

**經歷：**中臺科技大學 護理系 教授 2022/08 迄今  
中臺科技大學 生物科技暨醫學工程研究所 教授 2016/08 至 2022/07

中臺科技大學 藥物科技研究所 教授 2014/08 至 2016/07  
中臺科技大學 藥物科技研究所 副教授 2009/08 至 2014/07  
中臺科技大學 藥物科技研究所 助理教授 2008/08 至 2009/07  
中臺科技大學 護理系 助理教授 2003/08 至 2008/07  
美和技術學院 美容系 助理教授 2002/08 至 2003/07  
吳鳳技術學院 專任講師 1990/08 至 1991/07  
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**專業服務：**嘉義市藥師公會監事(一屆3年)  
嘉義市藥師公會理事(3年)  
臺灣省藥師公會代表(3年)  
臺灣省藥師公會監事(3年)  
臺灣省藥師公會理事(3年)  
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## Representative Publication (著作目錄):

### (A) Journal paper 期刊論文

1. HY Lin, CH Lin, YH Kuo, and [Chun-Ching Shih\\*](#). (2024, Sep.) Antidiabetic and antihyperlipidemic activities and molecular mechanisms of *Phyllanthus emblica* L. extract in mice on a high-fat diet. *Current Issues in Molecular Biology* **2024**, 46, 10492-10529. (SCI, IF= 2.8 , Ranking =184/313 (58.6% in Biochemistry & Molecular Biology) 本為通訊作者.
2. CH Lin and [Chun-Ching Shih\\*](#). (2024, Jun) The ethyl acetate extract of *Phyllanthus emblica* L. alleviates diabetic nephropathy in a murine model of diabetes. *International Journal of Molecular Sciences* **2024**, 25(12), 6686. (MOST 111-2320-B-166-001). (SCI, Q1, IF= 4.9, Ranking = 66/313 (20.9 % in Biochemistry & Molecular Biology). 本人為通訊作者
3. SM Huang, CH Lin, WF Chang, and [Chun-Ching Shih\\*](#). (2023, Oct) Antidiabetic and antihyperlipidemic activities of *Phyllanthus emblica* L. extract *in vitro* and the regulation of Akt phosphorylation, gluconeogenesis, and peroxisome proliferator-activated receptor  $\alpha$  in streptozotocin-induced diabetic mice. *Food & Function Research* **2023**, 67, 9854 (SCI) IF =3.3 , Ranking = 60/142 (41.9 % in Food & Technology) 本人為通訊作者
4. CH Lin, YH Kuo, and [Chun-Ching Shih\\*](#). (2023, Jun) Antidiabetic and immunoregulatory activities of extract of *Phyllanthus emblica* L. in NOD with spontaneous and cyclophosphamide-accelerated diabetic mice. *International Journal of Molecular Sciences* **2023**, 24, 9922. <https://doi.org/10.3390/ijms24129922>. (MOST 110-2635-B-166-001). (SCI, Q1 , IF= 5.6 , Ranking = 69/297 (23.04 % in Biochemistry & Molecular Biology). 本人為通訊作者
5. [Chun-Ching Shih\\*](#), CY Lee, FF Wong, CH Lin. (2022, Oct) Protective effects of one 2,4-Dihydro-3H-Pyrazol-3-one derivative against posterior capsular opacification by regulation of TGF- $\beta$ 2/SMADs and non-SMADs signaling, collagen I, and fibronectin proteins. *Current Issues in Molecular Biology* **2022**, 2, 5048-5066. (SCI, IF= 3.1 , Ranking = 173/285 (60.5 % in Biochemistry & Molecular Biology). 本人為通訊作者及第一作者.
6. C.H. Lin and [Chun-Ching Shih\\*](#), (2021). Potential Protective Activities of Extracts of *Phellinus linteus* and the Altered Expressions of *GSTM3* on Age-Related Cataract. *Evidence-Based Complementary and Alternative Medicine* **2021**, 2021: Article ID 4313805. (SCI, IF= 2.650 , Ranking = 16/30 (51.67 % in Integrative & Complementary Medicine). 本人為通訊作者.
7. C.H. Lin, L.W. Hsiao, Y.H. Kuo, and [Chun-Ching Shih\\*](#). (2019) Antidiabetic and antihyperlipidemic effects of sulphurenic acid, a triterpenoid compound

- from *Antrodia camphorata*, in streptozotocin-induced diabetic mice. *International Journal of Molecular Sciences* **2019**, 20(19): 4897; doi:10.3390/ijms20194897. (SCI, Q1, IF= 6.208, Ranking = 69/297 (23.04 % in Biochemistry & Molecular Biology)). 本人為通訊作者.
8. Cheng-Hsiu Lin, Zhao-Zhang Shih, Yueh-Hsiung Kuo, Guan-Jhong Huang, Ping-Chen Tu, and [Chun-Ching Shih\\*](#). (2018) Antidiabetic and antihyperlipidemic effects of the flower extract of *Eriobotrya japonica* in streptozotocin-induced diabetic mice and the potential bioactive constituents *in vitro*. *Journal of Functional Foods* **2018**, 49, 122-136. (SCI, Q1, IF= 5.6, Ranking = 27/174 (18.7 % in Nutrition & Dietetics)). 本人為通訊作者.
  9. C.H. Lin, Y.H. Kuo, [Chun-Ching Shih\\*](#). (2018) Antidiabetic and hypolipidemic activities of eburicoic acid, a triterpenoid compound from *Antrodia camphorata* by regulation of Akt phosphorylation, gluconeogenesis, and PPAR $\alpha$  in streptozotocin-induced diabetic mice. *RSC Advances* **2018**, 8, 20462-20467. (MOST105-2320-B-166-001-) (SCI, IF= 3.9, Ranking = 74/178 (41.3 % in Chemistry, Multidisciplinary Sciences)). MOST 105-2320-B-166-001. 本人為通訊作者.
  10. C.H. Lin, Y.H. Kuo, [Chun-Ching Shih\\*](#). (2017) Eburicoic acid, a Triterpenoid compound from *Antrodia camphorata*, displays antidiabetic and antihyperlipidemic effects in palmitate-treated C2C12 myotubes and in high-fat diet-fed Mice. *International Journal of Molecular Sciences* **2017**, 18(11), 2314; doi:10.3390/ijms18112314. (MOST105-2320-B-166-001-) (SCI, Q1, IF= 6.208, Ranking = 69/297 (23.04 % in Biochemistry & Molecular Biology)). MOST 105-2320-B-166-001. 本人為通訊作者.
  11. S.C. Chien, C.C. Chen, S.Y. Wang, J.H. Wu, [Chun-Ching Shih](#), L.K. Chao, H.L. Chiu, Y.H. Kuo\*. (2017) Two new flavonoids from *Derris laxiflora* Benth. *Phytochemistry Letters* **2017**, 21, 29-31. (SCI, IF= 1.7, Ranking = 134/239 (59.9% in Plant Sciences))
  12. C.H. Lin, J.B. Wu, J.Y. Jian, [Chun-Ching Shih\\*](#). (2017) (-)-Epicatechin-3-O- $\beta$ -D-allopyranoside from *Davallia formosana* prevents diabetes and dyslipidemia in streptozotocin-induced diabetic mice. *PLoS One* **2017**, 12(3): e0173984. <https://doi.org/10.1371/journal.pone.0173984> (SCI, IF= 3.752, Ranking = 29/74 (34.9 % in Multidisciplinary Sciences)) 本人為通訊作者.
  13. Y.H. Kuo, C.H. Lin, [Chun-Ching Shih\\*](#). (2016) Dehydroeburicoic Acid from *Antrodia camphorata* Prevents the Diabetic and Dyslipidemic State via Modulation of Glucose Transporter 4, Peroxisome Proliferator-Activated Receptor  $\alpha$  Expression and AMP-Activated Protein Kinase Phosphorylation in High-Fat-Fed Mice. *International Journal of Molecular Sciences* **2016**, 17(6), 872; doi:10.3390/ijms17060872. (SCI, Q1, IF= 6.208, Ranking = 69/297 (23.04 % in Biochemistry & Molecular Biology)). 本人為通訊作者.

14. Y.H. Kuo, C.H. Lin, [Chun-Ching Shih\\*](#), C.S. Yang (2016) Antcin K, a Triterpenoid Compound from *Antrodia camphorata*, Displays Antidiabetic and Antihyperlipidemic Effects via Glucose transporter 4 and AMP-activated Protein Kinase Phosphorylation in Muscles. *Evidence-Based Complementary and Alternative Medicine* 2016, 2016: Article ID 4867092. **SCI**, IF= 2.650 , Ranking = 16/30 (51.67 % in Integrative & Complementary Medicine). 本人為通訊作者.
15. S.C. Chien, H.L. Chiu, W.Y. Cheng, Y.H. Hong, S.Y. Wang, J.H. Wu, [Chun-Ching Shih](#), J.C. Liao, Y.H. Kuo\* (2016) Pterocarpan from *Derris laxiflora*. *Natural Product Communications* 2016, 11 (1): 81-82. (**SCI**, IF= 1.8 , Ranking = 77.8% in Food Science & Technology).
16. Y.H. Kuo, C.H. Lin, and [Chun-Ching Shih\\*](#). (2015) Antidiabetic and antihyperlipidemic properties of a triterpenoid compound, dehydroeburicoic acid, from *Antrodia camphorata* in vitro and in streptozotocin-induced mice. *Journal of Agricultural and Food Chemistry* 2015, 63 (46): 10140-10151 (**SCI**) **Q1**, **IF= 6.1** , **Ranking= 6/59 (9.5 %** in Agriculture, Multidisciplinary) 本人為通訊作者.
17. [Chun-Ching Shih\\*](#), J.B. Wu, J.Y. Jian, C.H. Lin, and H.Y. Ho. (2015) (-)-Epicatechin-3-O- $\beta$ -D-allopyranoside from *Davallia formosana*, prevents diabetes and hyperlipidemia by regulation of glucose transporter 4 and AMP-activated protein kinase phosphorylation in high-fat-fed mice. *International Journal of Molecular Sciences* 2015, 16: 24983-25001. (**SCI**, **Q1**, **IF= 6.208** , Ranking = 69/297 (23.04 % in Biochemistry & Molecular Biology). 本人為通訊作者.
18. Y.H. Kuo, C.H. Lin, and [Chun-Ching Shih\\*](#) (2015) Ergostatrien-3 $\beta$ -ol from *Antrodia camphorata* Inhibits Diabetes and Hyperlipidemia in High-Fat-Diet Treated Mice via Regulation of Hepatic Related Genes, Glucose Transporter 4, and AMP-Activated Protein Kinase Phosphorylation. *Journal of Agricultural and Food Chemistry* 2015, 63(9): 2479-2489 (**SCI**) **Q1**, **IF= 6.1** , **Ranking= 6/59 (9.5 %** in Agriculture, Multidisciplinary) 本人為通訊作者.
19. J.B. Wu, Y.H. Kuo, C.H. Lin, H.Y. Ho, [Chun-Ching Shih\\*](#). (2014) Tormentonic acid, a major component of suspension cells of *Eriobotrya japonica*, suppresses high-fat diet-induced diabetes and hyperlipidemia by glucose transporter 4 and AMP-activated protein kinase phosphorylation. *Journal of Agricultural and Food Chemistry* 2014, 62 (44): 10717-10726 (**SCI**) **Q1**, **IF= 6.1** , **Ranking= 6/59 (9.5 %** in Agriculture, Multidisciplinary) 本人為通訊作者.
20. C.H. Lin, Y.H. Kuo and [Chun-Ching Shih\\*](#) (2014) Effects of Bofu-tsusho-san on diabetes and hyperlipidemia associated with AMP-activated protein kinase and glucose transporter 4 in high-fat-fed mice. *International Journal of*

*Molecular Sciences* **2014**, 15(11): 20022-20044 (SCI, Q1, IF= 6.208 , Ranking = 69/297 (23.04 % in Biochemistry & Molecular Biology). 本人為通訊作者

21. Y.H. Kuo, C.H. Lin, and [Chun-Ching Shih\\*](#). (2014) Caffeamide 36-13 Regulates the Antidiabetic and Hypolipidemic Signs of High-Fat-Fed Mice on Glucose Transporter 4, AMPK Phosphorylation and Regulated Hepatic Glucose Production. *Evidence-Based Complementary and Alternative Medicine* **2014**, Article ID 821569, 12 pages. (SCI, IF= 2.650 , Ranking = 16/30 (51.67 % in Integrative & Complementary Medicine). 本人為通訊作者.
22. [Chun-Ching Shih\\*](#), Shlau MT, Lin CH, Wu JB. (2014) *Momordica charantia* ameliorates insulin resistance and dyslipidemia with altered hepatic glucose production and fatty acid synthesis and AMPK phosphorylation in high-fat-fed mice. *Phytotherapy Research* **2014**, 28(3): 363-371. (SCI) IF= 7.2 , Q1 , Ranking= 7.2% in Chemistry, Medicinal) 本人為第一作者及通訊作者
23. [Chun-Ching Shih\\*](#), M.-H. Chen and C.-H. Lin. (2014) Validation of the antidiabetic and hypolipidemic effects of *Clitocybe nuda* by assessment of glucose transporter 4 and gluconeogenesis and AMPK phosphorylation in streptozotocin-induced mice. *Evidence-Based Complementary and Alternative Medicine* **2014**, 2014: 705636 (SCI, IF= 2.650 , Ranking = 16/30 (51.67 % in Integrative & Complementary Medicine). 本人為第一作者及通訊作者.
24. M.-H. Chen, C.-H. Lin and [Chun-Ching Shih\\*](#).(2014) Antidiabetic and antihyperlipidemic effects of *Clitocybe nuda* on Glucose Transporter 4 and AMP-Activated Protein Kinase Phosphorylation in High-Fat-Fed Mice. *Evidence-Based Complementary and Alternative Medicine* **2014**, 2014: 981046 (SCI, IF= 2.650 , Ranking = 16/30 (51.67 % in Integrative & Complementary Medicine). 本人為通訊作者.
25. [Chun-Ching Shih\\*](#), Lin CH, Lin YJ, Wu JB. (2013) Validation of the antidiabetic and hypolipidemic effects of hawthorn by assessment of gluconeogenesis and lipogenesis related genes and AMP-activated protein kinase phosphorylation. *Evidence-Based Complementary and Alternative Medicine* **2013**, 2013: 597067 (SCI, IF= 2.650 , Ranking = 16/30 (51.67 % in Integrative & Complementary Medicine). 本人為通訊作者.
26. [Chun-Ching Shih\\*](#), Jiun-Lin Ciou, Cheng-Hsiu Lin, Jin-Bin Wu, Hui-Ya Ho. (2013) Cell suspension culture of *Eriobotrya japonica* regulates the diabetic and hyperlipidemic signs of high-fat-fed mice. *Molecules* **2013**, 18(3): 2726-2753. (SCI) IF= 4.6 , Ranking= 97/285= 33.9 % in Chemistry, Multidisciplinary) 本人為第一作者及通訊作者
27. Guan-Jhong Huang, Jeng-Shyan Deng, Hsien-Jung Chen, Shyh-Shyun Huang, [Chun-Ching Shih](#), and Yaw-Huei Lin. (2013) Dehydroascorbate reductase

and monodehydroascorbate reductase activities of two metallothionein-like proteins from sweet potato (*Ipomoea batatas* [L.] Lam. 'Tainong 57') storage roots. *Botanical Studies* **2013**, 54: 7. (SCI) IF=2.673 (Ranking= 98/239 (40.79 % in Plant Sciences)

28. [Shih Chun-Ching\\*](#), Lin C.H., Wu J.B. (2010) *Eriobotrya japonica* improves hyperlipidaemia and reverses insulin resistance in high-fat-fed mice. *Phytotherapy Research* **2010**, 24 (12): 1769-1780. (SCI) IF= 7.2 , Q1 , Ranking= 5/60 = 7.2% in Chemistry, Medicine) 本人為第一作者及通訊作者
29. [Chun-Ching Shih\\*\(施純青\\*\)](#) (2013) Molecular Mechanism of Resveratrol on Antidiabetic Properties. *The Journal of Taiwan Pharmacy*. 白藜蘆醇抗糖尿病作用的分子機轉 藥學雜誌 第 29 卷第 4 期 Dec. 31 2013. 本人為第一作者及通訊作者
30. [Shih Chun-Ching\\*](#), Lin C.H., Lin W.L., Wu J.B. (2009) *Momordica charantia* extract on insulin resistance and the skeletal muscle GLUT4 protein in fructose-fed rats. *Journal of Ethnopharmacology* **2009**, 123(1): 82-90. (SCI) Q1 , IF= 5.4 , Ranking= 4/58 (12.5 % in Integrative & Complementary Medicine) 本人為第一作者及通訊作者
31. [Shih Chun-Ching\\*](#), Lin C.H., Lin W.L. (2009) Ameliorative effects of *Vaccaria segetalis* extract on osteopenia in ovariectomized rats. *Journal of Natural Medicines* **2009**, 63(4): 386-392. (SCI) IF= 3.3 , Ranking= 139/277 (50 % in Pharmacology & Pharmacy) 本人為第一作者及通訊作者
32. [Shih Chun-Ching\\*](#), Lin C.H., Lin W.L. (2008) Effects of *Momordica charantia* on insulin resistance and visceral obesity in mice on high-fat diet. *Diabetes Research and Clinical Practice* **2008**, 81(2): 134-143. (SCI) NSC 94-2320-B-166-003. (SCI) Q2, IF= 5.1 , Ranking= 37/145 (25.2 % in Endocrinology & Metabolism) 本人為第一作者及通訊作者
33. [Shih Chun-Ching](#), Wu Y.W., Lin W.C. (2005) Aqueous extract of *Anoectochilus formosanus* attenuate hepatic fibrosis induced by carbon tetrachloride in rats. *Phytomedicine* **2005**, 12: 453-460. (SCI) Q1, IF=7.9 , Ranking= 1/28 (1.8 % in Chemistry, Medicinal) 本人為第一作者
34. [Shih Chun-Ching](#), Wu Y.W., Lin W.C. (2004) Effect of *Anoectochilus formosanus* on fibrosis and regeneration of the liver in rats. *Clinical and Experimental Pharmacology and Physiology* **2004**, 31(9): 620-625. (SCI) 本人為第一作者
35. [Shih Chun-Ching](#), Wu Y.W., Lin W.C. (2003) Scavenging of reactive oxygen species and inhibition of the oxidation of low density lipoprotein by the aqueous extract of *Anoectochilus formosanus*. *The American Journal of*

*Chinese Medicine* **2003**, 31(1): 25-36. (SCI) 本人為第一作者

36. [Shih Chun-Ching](#), Wu Y.W., Lin W.C. (2002) Antihyperglycaemic and antioxidant properties of *Anoectochilus formosanus* in diabetic rats. *Clinical and Experimental Pharmacology and Physiology* **2002**, 29, 684-688. (SCI) 本人為第一作者
37. [Shih Chun-Ching](#), Wu Y.W., Lin W.C\*. (2001) Ameliorative effects of *Anoectochilus formosanus* extract on osteopenia in ovariectomized rats. *Journal of Ethnopharmacology* **2001**, 77: 233-238 (SCI) 本人為第一作者
38. Wu L.T., Wu Y.W., [Shih Chun-Ching](#), Ko Y.J., Lin, W.C.\* (2001) Primary studies on the genotoxicity of aqueous extracts from *Anoectochilus formosanus* and *Glycine tomentella*. *Journal of Chinese Medicine* **2001**, 12: 173-178.
39. Lin W.C., [Shih Chun-Ching](#), Wu Y.W., Chen I.J., Chang H.L., Hsu C.T. (2000) Ninety-day oral toxicity study of crude aqueous extracts of *Anoectochilus formosanus* Hayata in rats. *Journal of Chinese Medicine* **2000**, 11: 19-29.
40. Lin W.C., [Shih Chun-Ching](#), Wu Y.W. (2000) Effects of crude extracts of *Anoectochilus formosanus* Hayata administered to pregnant and lactating rats on their offspring. *Journal of Chinese Medicine* **2000**, 11: 79-86.

## (B) 研討會論文

1. [施純青\\*](#). (2020, 9月) 「探討桑黃萃取物對抗老年性白內障的可能性及作用機轉」。中臺科技大學109學年度產學合作計畫暨校內補助案成果發表會，臺中，中臺科技大學。
2. [施純青\\*](#). (2020, 8月) 「牛樟芝純化物及其用於抗糖尿病、抗高血脂、及降低肝臟脂質的用途與生醫產業應用」，[科技部 中科園區創新技術論壇 | 生物科技創新應用發展](#) | 臺中，中興大學中科技區。
3. [施純青\\*](#) ([Chun-Ching Shih\\*](#))、郭悅雄、林正修. (2020, 7月) 「自牛樟芝提取之活性物質樟芝酸 K 及其用於抗糖尿病、抗高血脂、及降低肝臟脂質的用途」 Antcin K from *Antrodia camphorata* Displays Antidiabetic and Antihyperlipidemic Effects / and (or) Decreasing Hepatic Fat Accumulation Use Thereof, **2020 亞洲生技大展 BIO Asia-Taiwan 2020**，臺北，南港展覽館二館。
4. [施純青\\*](#). (2019, 9月) 「中醫歷代養生保健之道~四季的肌膚與食療」- 以臺灣民俗文物館為據點之大學社會責任實踐。中臺科技大學108學年度產學合作計畫暨校內補助案成果發表會，臺中，中臺科技大學。

5. **Chun-Ching Shih\***, ZZ Shih, CH Lin. (2016, 9月) 枇杷花萃取物調節血糖功能之評估。中臺科技大學105學年度產學合作計畫暨校內補助案成果發表會，臺中，中臺科技大學。
6. **Shih Chun-Ching\*** (2015, Nov) Update on Emerging Novel Pure Compounds and Chinese Herbal Medicines for the Treatment of Type 2 Diabetes and Dyslipidemia: Focus on Efficacy and Molecular Mechanism. **BIT's 4th Annual World Congress of Diabetes, Session 1-1: Diabetes Update and Prevention.**
7. Kuo YH, Lin CH, **Shih Chun-Ching\*** (2015, 11月) 牛樟芝之抗糖尿病的療效評估與分子機轉之探究，台灣特有種藥用植物：以非牛樟培養之牛樟芝(*Antrodia cinnamomea*)研究與產業發展論壇，行政院農業委員會種苗改良繁殖場舉辦，台中。
8. **施純青\*** (2014) 紫香丁麈調節血糖功能之評估 中臺科技大學103學年度產學合作計畫暨校內補助案成果發表會，台中，中臺科技大學。
9. 陳美杏、**施純青\*** (2013) 菇類萃取物調節血糖功能之評估中臺科技大學102學年度產學合作計畫暨校內補助案成果發表會，台中，中臺科技大學。
10. 邱俊霖、**施純青\*** (2012) 枇杷葉細胞懸浮培養物在高脂飼餵鼠對胰島素抵抗及高血脂的影響 101學年度健康科學院畢業生成果發表會，台中，中臺科技大學。
11. 李宏謨\*、鄭統隆、**施純青**、王祥光 (2012) 紫地瓜對代謝性症候群的影響 中臺科技大學101學年度產學合作計畫暨校內補助案成果發表會，台中，中臺科技大學。
12. **施純青\*** (2011) 中藥防風通聖散降低體脂肪的藥效評估及毒性之探討 100學年度產學合作計畫暨校內補助案成果發表會，台中，中臺科技大學，論文摘要集41-42.
13. **施純青** (2009) 苦瓜對adipocytokine分泌及脂肪細胞Resistin、Leptin基因表現之影響。中臺科技大學98學年度產學合作計畫暨校內補助案成果發表會，台中，中臺科技大學。
14. **施純青** (2009) 苦瓜分劃對胰島素抵抗、減少內臟脂肪的藥效評估與聯繫PPARgamma、PPARalpha機轉之探討。中臺科技大學98學年度產學合作計畫暨校內補助案成果發表會，台中，中臺科技大學。

### (C)計畫執行

- 111 科技部專題研究計畫 計畫主持人：施純青 計畫名稱：；計畫編號：MOST 111-2320-B-166-001-；計畫執行期間 2022/08/01~2023/07/31
- 110 科技部專題研究計畫 計畫主持人：施純青 計畫名稱：；計畫編號：MOST 110-2635-B-166-001-；計畫執行期間



2021/08/01~2022/07/31

- 109 產學合作計畫：澄清綜合醫院平等分院 計畫名稱：萃取物對小鼠高脂肪飲食誘導致糖尿病及高血脂的改善作用；計畫主持人：施純青；計畫編號：CTU110-CCPH-002；執行期間：2021/01/01~2021/12/31
- 108 產學合作計畫；仁愛醫療財團法人大里仁愛醫院計畫主持人：施純青；計畫名稱：萃取物調節血糖及血脂功能之評估；計畫編號 CTU109-JAH-003；執行期間：2020/08/01~2021/07/31
- 107 產學合作計畫：生技公司 計畫主持人：施純青；計畫名稱：探討改善白內障手術後術後囊膜混濁的可能性；計畫編號：CTU107-C-012；計畫執行期間 2018/04/20~2019/04/19
- 107 產學合作計畫：秀傳醫療社團法人秀傳紀念醫院；計畫名稱：探討衍生物抑制白內障術後後囊膜混濁的可能性及干擾 訊息；計畫主持人：施純青；計畫編號：CTU107-C-021；計畫執行期間 2018/07/01~2019/06/30
- 107 產學合作計畫：秀傳醫療財團法人彰濱秀傳醫院；計畫主持人：施純青 計畫名稱：牛樟芝成分 Sulphurenic acid 調節血糖及血脂功能之評估；計畫編號：CTU107-C-028
- 105 科技部專題研究計畫 計畫主持人：施純青 計畫名稱：探討牛樟芝三萜類成分 eburicoic acid 對糖尿病小鼠骨骼肌葡萄糖運轉蛋白 4、肝臟葡萄糖生成、脂肪酸氧化、脂質生成與活化 AMPK 達成降血糖降血脂作用的影響；計畫編號：MOST105-2320-B-166-001-；計畫執行期間 2016/08/01~2017/07/31
- 104 產學合作計畫：農業試驗所 計畫主持人：施純青 計畫名稱：枇杷花萃取物調節血糖功能之評估；計畫執行期間 2015/01/01~2015/12/31
- 102 產學合作計畫：農業試驗所 計畫主持人：施純青 計畫名稱：紫香丁麩萃取物對小鼠高血糖及高血脂的改善作用；計畫執行期間 2013/01/01~2013/12/31
- 101 產學合作計畫：農業試驗所 計畫主持人：施純青 計畫名稱：菇菌類材料萃取物調節血糖功能之評估；計畫執行期間 2012/01/01~2012/12/31
- 101 產學合作計畫：農業試驗所 總計畫名稱：紫地瓜對代謝症候群的益處 子計畫二：紫地瓜調節血糖功能之評估；計畫執行期間 2012/01/01~2012/12/31
- 100 產學合作計畫：農業試驗所 總計畫名稱：紫地瓜對 於代謝症候群的影響 子計畫二：紫地瓜對糖尿病鼠降血糖之功效；計畫執行期間 2011/01/01~2011/12/31
- 道濟製藥廠股份公司委託：山楂三萜酸的降血糖作用之研究，執行期間 2008/08/01-2009/7/31

- 苦瓜對第 2 型糖尿病鼠胰島素阻抗的改善及骨骼肌中 GLUT4 表現的影響 國科會 NSC 93 專題研究計畫 93-2320-B-166-006 執行期間 93/08/01 ~ 94/07/31
- 苦瓜對 adipocytokine 分泌及脂肪細胞 Resistin、Leptin 基因表現之影響 國科會 NSC94 專題研究計畫 NSC 94-2320-B-166-003

#### (D). 應邀於專業學術期刊評論者 (2009迄今)

1. 2009 Evidence Based Complementary and Alternative Medicine (SCI) 2009/12/20
2. 2010 Life Sciences (SCI) 2010/01/30
3. 2010 African Journal of Biotechnology, 2010/04/15
4. 2012 Molecular Nutrition and Food Research (SCI), 2012/06/29
5. 2012 BMC Complementary and Alternative Medicine (SCI), 2012/07/25
6. 2013 Phytotherapy Research (SCI), 2013/01/28
7. 2013 Evidence Based Complementary and Alternative Medicine (SCI), 2013/04/28
8. 2015 BMC Complementary and Alternative Medicine (SCI)
9. 2016 Journal of Agricultural and Food Chemistry (SCI), Ranking= 3.57 % in Agriculture, Multidisciplinary, 2016/08/07
10. 2016 Journal of Agricultural and Food Chemistry (SCI), Ranking= 3.57 % in Agriculture, Multidisciplinary, 2016/09/20
11. 2017 Journal of Agricultural and Food Chemistry (SCI), Ranking= 3.57 % in Agriculture, Multidisciplinary, 2017/01/16
12. 2017 Journal of Agricultural and Food Chemistry (SCI), Ranking= 3.57 % in Agriculture, Multidisciplinary, 2017/05/15
13. 2017 Journal of Agricultural and Food Chemistry (SCI), Ranking= 3.57 % in Agriculture, Multidisciplinary, 2017/08/07

#### (E) 榮譽

1. 榮獲教育部經濟部科技部主辦「2015 台北國際發明暨技術交易展」發明競賽 銀牌獎 2015 TAIPEI INT'L INVENTION SHOW & TECHNOMART Silver Medal Award is presented to Patent: Derivatives of Caffeamide and Antihyperlipidemic Use Thereof
2. 榮獲教育部經濟部科技部主辦「2016 台北國際發明暨技術交易展」發明競賽 金牌獎 2016 TAIPEI INT'L INVENTION SHOW & TECHNOMART Gold Medal Award is presented to Patent: Preparation and Use of Treating or Preventing Hyperglycemia, Hyperlipidemia, and Hepatic Fat Accumulation with Derivatives of Ergostatrien-3 $\beta$ -ol from *Antrodia camphorata*
3. 榮獲教育部經濟部科技部主辦「2016 台北國際發明暨技術交易展」發明競賽 銅牌獎 2016 TAIPEI INT'L INVENTION SHOW & TECHNOMART Bronze Medal Award is presented to Patent: Use of Treating or Preventing

Diabetes and Hyperlipidemia with dehydroeburicoic acid from *Antrodia camphorata*

4. 榮獲 106 年度國立雲林科技大學區域產學合作中心推動「研發成果可行性評估方案」評估入選前 30 件潛力作品~咖啡醯胺衍生物 36-13 醫藥組成物及其於治療或預防高血脂症的用途
5. 榮獲教育部經濟部科技部主辦「2017 台北國際發明暨技術交易展」發明競賽 銀牌獎 2017 TAIPEI INT'L INVENTION SHOW & TECHNOMART Silver Medal Award is presented to 自牛樟芝提取之活性物質樟芝酸 K 及其用於抗糖尿病、抗高血脂、及降低肝臟脂質的用途
6. 榮獲教育部經濟部科技部主辦「2018 台北國際發明暨技術交易展」發明競賽 銅牌獎 2018 TAIPEI INT'L INVENTION SHOW & TECHNOMART Bronze Medal Award is presented to 枇杷葉細胞的萃取物委陵菜酸及其用於降血糖及/或減少肝臟脂肪之用途
7. 榮獲教育部經濟部科技部主辦「2019 台北國際發明暨技術交易展」發明競賽 銅牌獎 2019 TAIPEI INT'L INVENTION SHOW & TECHNOMART Bronze Medal Award is presented to 牛樟芝萃取純化物之用途
8. 榮獲教育部經濟部科技部主辦「2020 臺灣創新技術博覽會」發明競賽 銅牌獎 2020 Taiwan Innotech Expo This Bronze Medal Award is presented to Antidiabetic and Antihyperlipidemic Effects of Sulphurenic Acid from *Antrodia camphorata* 自牛樟芝提取之純化物硫色多孔菌酸及其用於抗糖尿病及抗高血脂的用途
9. 2023 年，榮獲「國科會 112 年度補助大專院校研究獎勵特殊優秀人才」補助
10. 2024 年，榮獲中臺科技大學 113 學年度產學合作計畫暨校內補助案成果發表會「113 學年度 學術龍騰獎 最佳論文(最佳論文)」

### (E) 核准發明專利

桑黃萃取物治療白內障的用途 (2023/09/14)、大葉骨碎補(-)-Epicatechin-3-O-β-D-allopyranoside from *Davallia formosana*、枇杷葉細胞懸浮培養物 a major component of suspension cells of *Eriobotrya japonica*、及牛樟芝等純化物 many pure compounds from *Antrodia camphorata* 之中華民國發明專利、及 USA Patent 美國發明專利 核准 十多個。

### (F) 證照

1. 藥師證書
2. 管理中藥學分
3. IACUC 委員~110 年度強化動物保護念紮根計畫 行政院農業委員會委託財團法人農業科技研究院辦理「110 年度 IACUC 委員會或小組成員基礎訓練班」結業證書(110 農科實動)

### (G) 專書

1. 施純青編著 最新藥理學 第二版 基礎、臨床與應考的最佳幫手 合記圖書出版社 2022/04/10。
2. 施純青編著 最新藥理學 第一版 基礎、臨床與應考的最佳幫手 合記圖書出版社 2004。

### (H) 其他

1. The article **Shih Chun-Ching** \*, Lin CH, Lin WL: Ameliorative effects of *Vaccaria segetalis* extract on osteopenia in ovariectomized rats. *J Nat Med*; 2009 Oct; 63 (4):386-92 is Top 10 Articles Published in the Same Domain Since Publication since its publication (2009) by Brandon Lopez Article Delivery Services
2. List in **Who's Who** in Medicine and Healthcare (Marquis Who's Who) 2011-2012