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AFFILIATION:
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EDUCATION:

Institution & Location	*Field of Study*	*Degree*	*Year Conferred*
Kaohsiung Medical University (Taiwan)	Pharmacy	B.S.	1979/09-1983/06
Kaohsiung Medical University (Taiwan)	Organic Synthesis	M.S.	1985/09-1988/06
Kaohsiung Medical University (Taiwan)	Organic Synthesis	Ph. D.	1988/09-1992/06

EMPLOYMENT:

1987/08-1988/07	Teaching Assistant, School of Pharmacy, KMU
1988/08-1992/07	Lecture, School of Pharmacy, KMU
1992/08-2001/07	Associate Professor, School of Pharmacy, KMU
2001/08-2013/07	Professor, School of Pharmacy, KMU
2004/08-2005/07	Director, Section of Academic Research in Department of Research and Development, KMU
2006/08-2008/10	Director, School of Pharmacy, KMU
2012/08-2015/07	Director, Department of Fragrance and Cosmetic Science, KMU
2013/08-2016/01	Professor, Department of Fragrance and Cosmetic Science, KMU
2016/02-	Professor, School of Pharmacy, KMU

RESEARCH INSTEREST :
Organometallic Chemistry, Medicinal Chemistry, Heterocyclic Chemistry, Natural Products Chemistry, Functional Food, and New Drug Development

Recent Publications (2011-)

1. K-M Chang, H-H Chen, T-C Wang, I-L Chen, Y-T Chen, S-C Yang, Y-L Chen, H-H Chang, C-H Huang, J-Y Chang, C Shih, C-C Kuo*, C-C Tzeng*, **2015 (Dec)**, "Novel oxime-bearing coumarin derivatives act as potent Nrf2/ARE activators in vitro and in mouse model", ***Eur. J. Med. Chem.***, 106, 60-74. (SCI)
2. K-M Chang, F-P Liang, I-L Chen, **S-C Yang**, S-H Juang*, T-C Wang*, Y-L Chen, C-C Tzeng*, **2015 (Jul)**, "Discovery of oxime-bearing naphthalene derivatives as a novel structural type of Nrf2 activators", ***Bioorgan. Med. Chem.***, 23, 3852-3859. (SCI)
3. W-F Lo, Y-W Chou, C-H Tseng, Y-H Shiu, Y-W Chen, **S-C Yang**, Y-L Chen, M-F Lin*, and C-C Tzeng*, **2015 (Jan)**, "Discovery of novel *N*-alkyl 4-anilinofuro[2,3-*b*]quinoline derivatives (CIL-102 derivatives) against castration-resistant human prostate cancers", ***Anticancer Agents Med. Chem.***, 15, 499-506. (SCI)
4. C-S Chao, J Wei*****, H-W Huang, and **S-C Yang***, **2014 (Jul)**, "Correlation between methyltetrahydrofolate reductase (MTHFR) polymorphisms and isolated patent ductus arteriosus in Taiwan", ***Heart, Lung and Circulation***, 23, 655-670. (SCI)
5. H-K Peng, I-L Lin, C-C Lee, L-Y Wang, C-C Tzeng, J-G Chang*, and **S-C Yang***, **2014 (Mar)**, "Synthesis and antitumor activity evaluation of anilinoquinoline derivatives by the effect on the expression of polo-like kinase", ***Med. Chem. Res.***, 23, 1437-1446. (SCI)
6. K-W Lin, Z-Y Lin, A-M Huang, J-R Weng, M-H Yen, **S-C Yang***, and C-N Lin*, **2014 (Jan)**, "Lantabetulic acid derivatives induce G1 arrest and apoptosis in human prostate cancer cells", ***Arch. Pharm.***, 347, 42–53. (SCI)
7. K-W Lin, Y-T Chen, **S-C Yang**, B-L Wei*, C-F Hung, C-N Lin*, **2013 (Sep)**, "Xanthine oxidase

inhibitory lanostanoids from *Ganoderma tsugae*", ***Fitoterapia***, 89, 231-238. (SCI)

8. H-K Peng, W-C Chen, Y-T Lin, C-K Tseng, S-Y Yang, C-C Tzeng, J-C Lee*, and **S-C Yang***, **2013 (Aug)**, "Anti-hepatitis C virus RdRp activity and replication of novel anilinobenzothiazole derivatives", ***Antiviral Res.***, 100, 269-275. (SCI)
9. H-K Peng, W-C Chen, J-C Lee, S-Y Yang, C-C Tzeng, Y-T Lin*, and **S-C Yang***, **2013 (Feb)**, "Novel anilinocoumarin derivatives as agents against hepatitis C virus by the induction of IFN-mediated antiviral responses", ***Org. Biomol. Chem.***, 11, 1858-1866. (SCI)
10. C-J Shih, Y-J Shue, S-Y Yang, and **S-C Yang***, **2012 (Oct)**, "PEG-4000 promoted palladium-catalyzed *N*-allylation in water: Aminonaphthalene as an example", ***Appl. Organomet. Chem.***, 26, 550-555. (SCI)
11. H-C Wu, M-J Cheng, C-F Peng, **S-C Yang**, H-S Chang, C-H Lin, C-J Wang, I-S Chen*, **2012 (Jul)**, "Secondary metabolites from the stems of *Engelhardia roxburghiana* and their antitubercular activities", ***Phytochemistry***, 82, 118–127. (SCI)
12. K-W Lin, A-M Huang, **S-C Yang***, J-R Weng, T-C Hour, Y-S Pu, C-N Lin*, **2012 (May)**, "Cytotoxic and antioxidant constituents from *Garcinia subelliptica*", ***Food Chem.***, 135, 851-859. (SCI)
13. Y-J Shue and **S-C Yang***, **2012 (Mar)**, "Activator-free and one-pot *C*-allylation by simple palladium catalyst in water", ***Tetrahedron Lett.***, 53, 1380-1384. (SCI)
14. H-K Peng, S-Y Yang, C-K Lin, C-K Tseng, C-C Tzeng, J-C Lee*, and **S-C Yang***, **2012 (Jan)**, " Synthesis and anti-HCV activity evaluation of anilinoquinoline derivatives", ***Bioorgan. Med. Chem. Lett.***, 22, 1107-1110. (SCI)
15. Y-J Shue and **S-C Yang***, **2011 (Dec)**, "Simple palladium-catalyzed C-N bond formation for poor nucleophilicity of aminonaphthalenes", ***Appl. Organomet. Chem.***, 25(12), 883-890. (SCI)
16. C-C Chen, **S-C Yang**, and M-J Wu*, **2011 (Nov)**, "Iodine-mediated cascade cyclization of enediynes to iodinated benzo[a]carbazoles", ***J. Org. Chem.***, 76(24), 10269-10274. ((SCI)
17. H-Y Tu, A-M Huang, C-H Teng, T-C Hour, **S-C Yang***, Y-S Pu, and C-N Lin*, **2011 (Sep)**, "Anthraquinone derivatives induce G2/M cell cycle arrest and apoptosis in NTUB1 cells", ***Bioorgan. Med. Chem.***, 19, 5670–5678. (SCI)
18. K-W Lin, A-M Huang, T-C Hour, **S-C Yang***, Y-S Pu, C-N Lin*, **2011 (Jul)**, "18β-Glycyrrhetinic acid derivatives induced mitochondrial-mediated apoptosis through reactive oxygen species-mediated p53 activation in NTUB1 cells" ***Bioorgan. Med. Chem.***, 19, 4274–4285. (SCI)
19. K-W Lin, **S-C Yang***, and C-N Lin*, **2011 (Jul)**, "Antioxidant constituents from the stems and fruits of *Momordica charantia*", ***Food Chem.***, 127, 609-614. (SCI)
20. H-M Wang, W-L Yang, **S-C Yang**, and C-Y Chen*, **2011 (May)**, "Chemical constituents from the leaves of *Nelumbo nucifera* Gaertn. cv. *Rosa-plena*", ***Chem. Nat. Comp.***, 47(2), 316-318. (SCI)
21. J-H Cheng, A-M Huang, T-C Hour, **S-C Yang***, Y-S Pu, and C-N Lin*, **2011 (Apr)**, "Antioxidant xanthone derivatives induce cell cycle arrest and apoptosis and enhance cell death induced by cisplatin in NTUB1 cells associated with ROS", ***Eur. J. Med. Chem.***, 46, 1222-1231. (SCI)
22. K-W Lin, A-M Huang, H-Y Tu, L-Y Lee, C-C Wu, T-C Hour, **S-C Yang***, Y-S Pu, and C-N Lin*, **2011 (Jan)**, "Xanthine oxidase inhibitory triterpenoid and phloroglucinol from Guttiferaceous plants inhibit growth and induced apoptosis in human NTUB1 cells through a ROS-Dependent Mechanism", ***J. Agric. Food Chem.***, 59(1), 407-414. (SCI)

Patent

1. "18β−甘草次酸衍生物及其合成方法", Taiwan, patent number: I 370821, date: 2012/08/21.
2. "18β-Glycyrrhetinic acid derivatives and synthetic method", USA, patent number: 8329940B2, date: 2012/12/11.
3. "熊果酸衍生物及其醫藥組合物", Taiwan, patent number: I 386415, date: 2013/02/21.
4. "作用於微小管抗癌藥物 2',5'-dimethoxychalcone 衍生物之合成與活性評估", Taiwan, patent number: I 419687, date: 2013/12/21.
5. "18β-甘草次酸衍生物及其用途", Taiwan, patent number: I 424839, date: 2014/02/01.

6. “Derivative of 18β-glycyrrhetinic acid apt to suppress cancer cells”, USA, patent number: 8686178B2, date: 2014/04/01.
7. “Ursolic acid derivative and pharmaceutical composition thereof”, USA, patent number: 8729055B2, date: 2014/05/20.
8. “18β-Glycyrrhetinic acid derivatives and synthetic method thereof”, USA, patent number: 8969617B2, date: 2015/03/03.