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學歷	國立清華大學輻射生物研究所哲學博士(1998) 國立清華大學輻射生物研究所碩士(1990) 私立天主教輔仁大學生物系學士(1988)
經歷	1. 輔英科技大學 / 醫學與健康學院祕書(08/01/2008~迄今) 2. 國立清華大學生命科學系博士後研究(08/01/1998-07/31/2000) 3. 中央研究院植物研究所/研究助理(郭宗德院士實驗室, 08/01/1992-07/31/1993)
學術專長	1. 訊號傳遞 2. 生物化學 3. 癌症與化學預防 4. 天然物活性分析
開設課程	1. 人體生理學 2. 基礎醫學專論(一)-血液免疫單元、細胞單元 3. 基礎醫學專論(二)-神經系統 4. 解剖生理學
專題/論文指導	1. 104 學年度專題: Enhancement of cisplatin cytotoxicity by diallyl disulfide in human oral cancer cells, 簡怡萍。 2. 104 學年度專題: Cisplatin in combination with Phenethyl Isothiocyanate (PEITC), a potential therapeutic Strategy for Oral Squamous Cell Carcinoma. 鄭敬憫。 3. 104 學年度專題: Cisplatin in combination with Allyl Isothiocyanate (AITC), a potential therapeutic Strategy for Oral Squamous Cell Carcinoma. 梁敬杰。
證照	1. 有機溶劑作業主管證照 (勞安管有機字第 18211 號)
期刊論文	<p><b>1.</b> 1. Kuo, S.Y., Chou, M.C., Lee, S.L., Wang, Y., Chen, C.L., Lin, P.T., Lo, H.R. (2015) <i>Vibrio vulnificus</i> RtxA1 modulated calcium flux contributes reduced internalization in phagocytes. <i>Life Sci.</i> <b>132</b>:55-60. doi: 10.1016/j.lfs.2015.03.027.</p> <p><b>2.</b> Liu, F.J., Chou, C.T., Cheng, J.S., Chang, H.T., Liang, W.Z., Kuo, C.C., <b>Kuo, S.Y.</b>, Kuo, D.H., Shieh, P., Chang, F.R., Jan, C.R. (2015) Ca<sup>2+</sup> movement and apoptosis induced by deltamethrin in Madin-Darby canine kidney canine renal tubular cells. <i>Kaohsiung J Med Sci.</i> <b>31</b>:1-8. doi: 10.1016/j.kjms.2014.10.009.</p> <p><b>3.</b> Chien, J.M., Chou, C.T., Liang, W.Z., Cheng, J.S., Chang, H.T., Tseng,</p>



	<p>H.W., <b>Kuo, S.Y.</b>, Kuo, C.C., Chen, F.A., Shieh, P., Ho, C.M., Lin, J.R., Kuo, D.H., Jan, C.R. (2014) Effect of deoxycholic acid on Ca<sup>2+</sup> movement, cell viability and apoptosis in human gastric cancer cells. <i>Toxicol Mech Methods</i>. <b>19</b>:1-20.</p> <p>4. Jan, C.R., Lo, H. R., Chen, C. Y., <b>Kuo, S. Y.</b><sup>#</sup> (2012) Effect of allyl sulfides from garlic essential oil on intracellular Ca<sup>2+</sup> levels in renal tubular cells. <i>J Nat Prod</i>. <b>75</b>:2101-2107. (SCI, Impact factor: 3.128; Ranking: 27/190)</p> <p>5. Chen, C. Y., Huang, C. F., Tseng, Y. T., <b>Kuo, S. Y.</b><sup>#</sup> (2012) Diallyl disulfide induces Ca<sup>2+</sup> mobilization in human colon cancer cell line SW480. <i>Arch. Toxicol</i>. <b>86</b>: 231-238. (SCI, Impact factor: 4.674; Ranking: 8/83) (NSC 93-2311-B-242-002)</p> <p>6. <b>Kuo, S. Y.</b>, Lin, R. J., Yeh, Y. T., Lee, J. Y., Chen, C. Y. (2012) A new phenylalkanoid from the rhizomes of <i>Zingiber officinale</i>. <i>Nat. Prod. Res.</i> <b>26</b>: 1318-1322. (SCI, Impact factor: 1.009; Ranking: 41/71)</p> <p>7. Chen, H. L., <b>Kuo, S. Y.</b>, Li, Y. P., Kang, Y. F., Yeh, Y. T., Huang, J. C., Chen, C.Y. (2012) A new benzodioxocinone from the leaves of <i>Cinnamomum tenuifolium</i>. <i>Nat. Prod. Res.</i> <b>26</b>: 1881-1886 (Impact factor: 1.009; Ranking: 41/71)</p> <p>8. Jan, C. R., Chen, C. Y., Wang, S. C., <b>Kuo, S. Y.</b><sup>#</sup> (2011) Phenethyl isothiocyanate induces Ca<sup>2+</sup> movement and cytotoxicity in PC3 human prostate cancer cells. <i>J. Taiwan Inst. Chem. Eng.</i> <b>42</b>: 895–901. (SCI, Impact factor: 2.110; Ranking: 34/133) (NSC 93-2311-B-242-002)</p> <p>9. Chen, C. Y., Yang, W. L., <b>Kuo, S. Y.</b><sup>#</sup> (2011) Cytotoxic Activity and Cell Cycle Analysis of Hexahydrocurcumin on SW480 Human Colorectal Cancer Cells. <i>Nat. Prod. Commun.</i> <b>6</b>: 1671-1672. (SCI, Impact factor: 1.242; Ranking: 60/128) (NSC 93-2311-B-242-002)</p> <p>10. Hong, Z. L., Huang, J. C., <b>Kuo, S. Y.</b><sup>#</sup>, Chen, C. Y. (2011) Amides from the stems of <i>Cinnamomum burmannii</i>. <i>Nat. Prod. Commun.</i> <b>6</b>: 1297-1298. (SCI, Impact factor: 1.242; Ranking: 60/128)</p>
<p>研討會論文</p>	<p>1. Cheng, C.-M., Liang, C.-C., Jian, Y.-P., Chen, J.-Y., <b>Kuo, S.-Y.</b><sup>#</sup> (2016) Cisplatin in Combination with Phenethyl Isothiocyanate (PEITC), a Potential Therapeutic Strategy for Oral Squamous Cell Carcinoma. The 31th Joint Ann. Conf. Biomed. Sci. Mar 26-27, Taipei (ROC), in press.</p> <p>2. Liang, C.-C., Cheng, C.-M., Jian, Y.-P., Chen, J.-Y., <b>Kuo, S.-Y.</b><sup>#</sup> (2016) Cisplatin in Combination with Allyl Isothiocyanate (AITC), a Potential Therapeutic Strategy for Oral Squamous Cell Carcinoma. The 31th Joint Ann. Conf. Biomed. Sci. Mar 26-27, Taipei (ROC), in press.</p>



	<ol style="list-style-type: none"> <li>3. Hu, C.-H, Ge, T.-Y, Lo, H.-R., Hu, Y.-C., <b>Kuo, S.-Y.</b><sup>#</sup> (2013) Effects of Diallyl Disulfide on the Human Oral Cancer Cells (OC2). The 28th Joint Ann. Conf. Biomed. Sci. Mar 23-24, Taipei (ROC), P. 219.</li> <li>4. Liu, L.-L., Li, H.-T., Wang, H.-W., Chen, C.-Y. <b>Kuo, S.-Y.</b><sup>#</sup> (2012) Effects of [4]-Shogaol on the Oral Cancer Cells (OC2). The 27th Joint Ann. Conf. Biomed. Sci. Mar 17-18, Taipei (ROC), P. 219.</li> <li>5. Wang, H.-W., Li-Ling Liu, L.-L., Li, H.-T. , Chen, C.-Y. <b>Kuo, S.-Y.</b><sup>#</sup> (2012) Effects of Hexahydrocurcumin on the Oral Cancer Cells (OC2) The 27th Joint Ann. Conf. Biomed. Sci. Mar 17-18, Taipei (ROC), P. 220.</li> <li>6. Yeh, Y.-T., Huang, S.-T., Tsai, R.-C., Chen, C.-Y., <b>Kuo, S.-Y.</b><sup>#</sup> (2011) “Four new phenylalkanoids from the rhizomes of <i>Zingiber officinale</i>” , 100年度臺灣藥學會年會暨學術研討會, Dec 03, Pingtung, Taiwan, AP-22.</li> <li>7. Li, Y.-C., Chen, C.-Y., <b>Kuo, S.-Y.</b><sup>#</sup> (2011) “Structure and activity of phenolic derivatives from <i>Zingiber officinale</i>” , The 26th Joint Ann. Conf. Biomed. Sci. Mar 19-20, Taipei (ROC), P. 651.</li> <li>8. Lin, Y.-Z., Chen, C.-Y., <b>Kuo, S.-Y.</b><sup>#</sup> (2011) “Cytotoxic activity and cell cycle analysis of [4]-shogaol isolated from <i>Zingiber officinale</i>” , The 26th Joint Ann. Conf. Biomed. Sci. Mar 19-20, Taipei (ROC), P. 463.</li> <li>9. Chen, C.-Y., Her, S.-F., Huang, M.-W., Yeh, Y.-T., <b>Kuo, S.-Y.</b><sup>#</sup> (2010) “Cytotoxic activity and cell cycle analysis of aporphine alkaloids isolated from <i>Michelia compressa</i>” , The 25th Symposium on Natural Products, Nov 05-07, Pingtung, Taiwan, P. 047.</li> <li>10. Syu, W.-Z., Chen, C.-Y., Hong, Z.-L., <b>Kuo, S.-Y.</b><sup>#</sup> (2010) “Chemopreventive effects of <i>Synsepalum dulcificum</i> and its major constituents on SW480 human colorectal cancer cells.” , The 25th Symposium on Natural Products, Nov 05-07, Pingtung, Taiwan, P. 048.</li> <li>11. Zheng, L.-Y., Chen, C.-Y., Yang, Y.-H., <b>Kuo, S.-Y.</b><sup>#</sup> (2010) “Cytotoxic constituents from the extracts of miracle fruit (<i>Synsepalum dulcificum</i>)” , The 25th Joint Ann. Conf. Biomed. Sci. Mar 27-28, Taipei (ROC), P. 202.</li> <li>12. Yang, Y.-H., Chen, C.-Y., Zheng, L.-Y., <b>Kuo, S.-Y.</b><sup>#</sup> (2010) “[6]-Shogaol Induces Cytosolic Ca<sup>2+</sup> Elevation and Cytotoxicity in Human Oral Cancer Cells (OC2)” , The 25th Joint Ann. Conf. Biomed. Sci. Mar 27-28, Taipei (ROC), P. 203..</li> </ol>
<p>研究計畫</p>	<ol style="list-style-type: none"> <li>1. 十字花科 BITC 引發口腔癌細胞凋亡作用機轉之研究 (FYU1300-104-04 ,2015.04.01~2015.11.30,主持人) 輔英科技大學。</li> <li>2. BITC 誘發口腔癌細胞細胞凋亡及開發口腔癌輔助療法應用之機轉探討 (MOST 103-2320-B-242 -003 -, 2014.08.01~2015.7.31,主持人) 科技部。</li> <li>3. PETIC 引發細胞鈣離子傳訊及活度之影響(FYU1300-103-16, 2015.04.01~2015.11.30,主持人) 輔英科技大學。</li> <li>4.</li> </ol>
<p>專利</p>	<ol style="list-style-type: none"> <li>1. 陳中一, 郭順宇, 楊偉伶, 林雍智, 陳振臺 “生薑萃取物於抑制大腸癌細胞生</li> </ol>



	長與細胞週期性之用途”，中華民國(發明)，專利號碼：發明第 I 439281，專利期間：2014/06~2031/09。
榮譽事蹟	<ol style="list-style-type: none"><li>1. 104 年度教育部大專院校實施特殊優秀人才彈性薪資方案(研究類)</li><li>2. 103 年度學術類優良教師(輔英科技大學)</li><li>3. 103 年度行政類優良教師(輔英科技大學)</li><li>4. 102 年度學術類優良教師(輔英科技大學)</li><li>5. 101 年度學術研究成果表現優異(輔英科技大學)</li></ol>