教師個人資料

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◆最高學歷

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◆經歷

國立台北護理學院教授(93.8~迄今)

國立台北護理學院副教授(86.8~93.7)

國立台北護理學院講師(81.8~86.7)

國立台灣大學醫學院藥學系講師(77.8~81.7)

國立台灣大學醫學院藥學系助教(76.8~77.7)

◆證照

藥師證照(藥字第 14934)

◆專長領域

藥理學，老人藥物學，小兒用藥概論，抗癌藥物

◆教授科目

藥理學，藥理學實驗，小兒用藥概論，老人用藥

◆期刊/論文/著作

1. Chiang H.C., **Wang J.J.** and Wu R.T., Immunomodulators from Paris formosana Hayata, Anticancer Res., 12:949-958,1992.
2. Chiang H.C., **Wang J.J.** and Wu R.T., Immunomodulating effects of the hydrolysis products of Formosanin C and β-Ecdysone from Paris formosana Hayata, Anticancer Res., 12:1475-1478,1992.
3. Shiao M.S., Wang Z.N., Lin L.J., Lien J.Y. and **Wang J.J.**, Profiles of nucleosides and nitrogen bases in Chinese medicial fungus Cordyceps sinensis and related species, Bot. Bull. Acad. Sin., 35:261-267,1994.
4. Chern Y.T. and **Wang J.J.**, Synthesis of 1,6-Diaminodiamantane, Tetrahedron Lett.,36(32): 5805-5806,1995.
5. **Wang J.J.** and Chern Y.T., Biological Activities of New Poly(N-1-adamantylmaleimide) and Poly(N-1-diamantylmaleimide), J.Biomaterial Sci. Polym. Ed., 7: 905-915,1996.
6. **Wang J.J.**, Chern Y.T. and Chung M.A., Synthesis and Characterization of New Poly (N-1-adamantylmaleimide) and Poly(N-1-diamantylmaleimide), J. Polym. Sci. Polym. Chem. Ed., 34: 3345-3354,1996.
7. **Wang J.J.**, Wang S.S., Lee C.F., Chung M.A. and Chern Y.T., In Vitro Antitumor and Antimicrobial Activities of N-Substituents of Maleimide by Adamantane and Diamantane, Chemotherapy, 43:182-189,1996.
8. **Wang J. J.**, Chi C. W., Lin S. Y. and Chern Y. T., Conformational changes in gastric carcinoma cell membrane protein correlated to cell viability after treatment with adamantyl maleimide. Anticancer Res. 17: 3473-3478,1997.
10. **Wang J. J.**, Chern Y. T., Liu T. Y. and Chi C. W., In vitro and in vivo growth inhibition of cancer cells by adamantylmaleimide derivatives, Anticancer Drug des., 13: 779-796,1998.
11. **Wang J. J.**, Liu T. Y., Yin P. H., Wu C. W., Chern Y. T. and Chi C.W., Adamantyl maleimide induced changes in adhesion molecules and ROS are involved in apoptosis of human gastric cancer cells. Anticancer Res, 20: 3067-3074 , 2000.
12. **Wang J.J.**, Chern Y. T., Liu T. Y. and Chi C.W., Dimethyladamantylmaleimide induced in vitro and in vivo growth inhibition of human colon cancer Colo205 cells, Anti-cancer Drugs, 13:533-543, 2002.
13. **Wang J.J.**, Chern, Y. T., Chang, Y. F. and Chi, C.W., Study of the in vitro and in vivo effects of 1,6-Bis[4-(4-amino-3-hydroxyphenoxy)phenyl]diamantane

(DPD), a novel cytostatic and differentiation inducing agent, on human colon cancer cells, Br. J. Cancer**,** 89: 1995-2003, 2003.

14. **Wang J.J.**, Huang K. T. and Chern Y.T., Induction of growth inhibition and G_1 arrest in human cancer cell lines by relatively low-toxic diamantine derivatives, Anti-Cancer Drugs, 15:277-286, 2004
15. **Wang J.J.**, Chen Y. C., Chi C. W., Huang K. T. and Chern Y.T., In vitro and in vivo growth inhibition and G_1 arrest in human cancer cell lines by diaminophenyladamantane derivatives, Anti-Cancer Drugs, 15: 697-705, 2004
16. Chang Y. F., Chi C.W., Chern Y. T. and **Wang J.J.**, Effects of 1,6-Bis[4-(4-amino-3- hydroxyphenoxy)phenyl] diamantane (DPD), a novel reactive oxygen species and apoptosis inducing agent, on human leukemia cells in vitro and in vivo, Toxicol. Appl. Pharmacol, 202: 1-12, 2005.
17. **Wang J.J.**, Lee J.Y., Chen Y.C., Chern Y.T. and Chi C.W., The antitumor effect of a novel differentiation inducer, 2,2-Bis(4-(4-amino-3-hydroxyphenoxy) phenyl) adamantane (DPA), in combinatory therapy on human Colon cancer, **Int. J. Oncol**., 28:1003-1012, 2006.
18. Ping Y.H., Lee H.C., Lee J.Y., Wu P.H., Ho L.K., Chi C.W., Lu M.F. and **Wang J.J.**, Anticancer effects of low-dose 10-hydroxycamptothecin in human colon cancer, **Oncol. Rep.**, 15: 1273-1279, 2006
19. Chang Y.F., Chi C.W. and **Wang J.J.**, Reactive oxygen species production is involved in Quercetin-induced apoptosis in human hepatoma cells, Nutri. and Cancer, 55: 201-209, 2006.
20. Chang Y.F., Hsu Y.C., Hung H.F., Lee H.J., Lui W.Y., Chi C.W. and **Wang J.J.**, Quercetin Induces Oxidative Stress and Potentiates the Apoptotic Action of 2-Methoxyestradiol in Human Hepatoma Cells. Nutri. and Cancer, 61: 735-745, 2009
21. Chern Y.T. and **Wang J.J.**, Hydrolytic Stability and High Tg of Polyimides Derived from the Novel 4,9 –Bis [4-(3,4-dicarboxyphenoxy)phenyl]-diamantane Dianhydride. **J polym Sci**., 47:1673-1684, 2009
22. Chern Y.T., Tsai J.Y. and **Wang J.J.**, High Tg and High Organosolubility of Novel Unsymmetric Polyimides, J polym Sci., 47:2443-2452, 2009
23. **Wang J.J.**, Hung, H.F., Hunag, M.L., Lee, H.J., Chern, Y.T., Chang, Y.F., Chi, C.W. and Hsu Y.C., Role of p21 as A Determinant of 1,6-Bis[4-(4-amino-3-hydroxyphenoxy)phenyl]diamantane Response in Human HCT-116 Colon Carcinoma Cells, Oncol. Rep**.,** 27: 529-534, 2012
24. Yang P.S., **Wang J.J.**, Tsai T.H., Wang Y.H., Jan W.C., Cheng S.P., Chi C.W., Hsu Y.C., Anticolorectal cancer effects and pharmacokinetic application of 2, 2-Bis [4-(4-amino-3-hydroxyphenoxphenyl] adamantane), Int J Clin Exp Med

8(9):14805-14815, 2015
25. Yang P.S., **Wang J.J.**, Wang Y.H., Jan W.C., Cheng S.P. and Hsu Y.C., 1,6-Bis[4-(4-amino-3-hydroxyphenoxy)phenyl] diamantane potentiates in vitro and in vivo antitumor effects of irinotecan on human colorectal cancer cells, Oncol.Lett.11(5):3551-3557, 2016
26. Huang Y.C., Lee P.C., **Wang J.J.** and Hsu Y.C., Anticancer Effect and Mechanism of Hydroxygenkwanin in Oral Squamous Cell Carcinoma, Frontiers in Oncology, 9:1-10, 2019
27. Chen J.Y., **Wang J.J.**, Lee H.C., Chi C.W., Lee C.H., and Hsu Y.C., Combination of peroxisome proliferator–activated receptor gamma and retinoid X receptor agonists induces sodium/iodide symporter expression and inhibits cell growth of human thyroid cancer cells, J Chin Med Assoc, 83(10),2020

◆計畫/研究

馬來酸酐醯亞胺衍生物之抗癌研究 （國科會計畫）

1. NSC 88-2314-B-227-003-

2. NSC 89-2314-B-227-001-

3. NSC 89-2320-B-227-009-

新細胞週期停滯及促分化劑之抗腸癌研究（國科會計畫）

4. NSC 93-2320-B-227-005

5. NSC 94-2320-B-227-002

6. NSC 96-2320-B-227-001(一年計畫)

   補助金額: 998,000

7. NSC 97-2320-B-227-001-MY3(三年計畫)

   補助金額: 2,616,000 元

8. NSC 100-2320-B-227-001(一年計畫)

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