

CURRICULUM VITAE

PERSONAL DATA

Name: Jane Jen Wang, PhD.
 Current Position: Professor
 Working Address: 365, Mingde Rd., Beitou District, Taipei City 11219
 Phone (Office): 886-2-2822-7101 Ext. 3536
 E-mail Address: ccwang@ntunhs.edu.tw

EDUCATION

Duration	Institution & Location	Degree	Major Subject
1993-1998	National Yang-Ming University Department of Pharmacology, College of Medicine, Taipei, Taiwan,	Ph.D.	Pharmacology
1985-1987	National Taiwan University Department of Pharmacy, College of Medicine, Taipei, Taiwan,	MS	Pharmacy

SPECIALTIES & RESEARCH INTERESTS

1. Pharmacology
2. Molecular Pharmacology
3. Anti-cancer drugs
4. Anti-colon cancer drug design
5. Anticancer Activities of Adamantane & Diamantane derivatives

PUBLICATIONS

Journals

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 medicinal 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 G₁ 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 G₁ 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., Anticorectal cancer effects and pharmacokinetic application of 2, 2-Bis [4-(4-amino-3-hydroxyphenoxyphenyl] 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