

*李志宏醫師

所有發表期刊論文及專書

1. Yang, Y.C., Tu, H.P., Hong, C.H., Chang, W.C., Fu, H.C., Ho, J.C., Chang, Y.C., Chuang, H.Y., Lee, C.H.*. Female gender and acne disease are jointly and independently associated with the risk of major depression and suicide: A national population-based study. **Biomed Res International**. Epub 2014 Feb, doi: 10.1155/2014/504279.
2. Hu, S.C., Lin, C.L., Hong, C.H., Yu, H.S., Chen, G.S., Lee, C.H.* CCR7 expression correlates with subcutaneous involvement in mycosis fungoides skin lesions and promotes migration of mycosis fungoides cells (MyLa) through mTOR activation. **J Dermatol Sci**. 2014, 74(1):31-8.
3. Lee, C.H., Sugiyama, T., Kataoka, A., Kudo, A., Fujino, F., Chen, YW., Mitsuyama, Y., Nomura, S., Yoshioka, T. Analysis for distinctive activation patterns of pain and itchy in the human brain cortex measured using near infrared spectroscopy. **PLoS One**. 2013, 8(10):e75360.
4. Tanigawa, S., Lee, C.H., Lin, C.S., Ku, C.C., Hasegawa, H., Qin, S., Kawahara, A., Korenori, Y., Miyamori, K., Noguchi, M., Lee, L.H., Lin, Y.C., Lin, S.C.L., Nakamura, Y., Jin, C., Yamaguchi, N., Eckner, R., Hou, D.X., Yokoyama, K.K. Jun dimerization protein 2 is a critical component of the Nrf2/MafK complex regulating the response to ROS homeostasis. **Cell Death Dis**. 2013, 4:e921.
5. Chou, T.C., Tsai, K.B., Lee, C.H.* Emperipolesis is not pathognomonic to Rosai-Dorfman disease: Rhinoscleroma mimicking Rosai-Dorfman disease, a clinical series. **J Am Acad Dermatol**. 2013, 69(6):1066-67.
6. Wang, L.F., Lee, C.H., Chien, C.Y., Chen, Y.F., Chaing, F.Y., Tai, C.F. Serum 25-hydroxyvitamin D levels are lower in chronic rhinosinusitis with nasal polyposis and are correlated with disease severity in Taiwanese patients. **Am J Rhinol Allergy**. 2013, 27(6), e162–e165.
7. Yu, W.T., Chiu, Y.C., Lee, C.H.*, Yoshioka, T., Yu, H.S. Hydrogen-enriched water restoration of impaired calcium propagation by arsenic in primary keratinocytes. **J Asian Earth Sci**. 2013, 77(15): 342-348.
8. Lee, C.H., Wu, S.B., Hong, C.H., Yu, H.S., Wei, Y.H. Molecular Mechanisms of UV-Induced Apoptosis and Its Effects on Skin Residential Cells: The Implication in UV-Based Phototherapy. **Int J Med Sci**. 2013, 14(3):6414-35.
9. Yu, W.T., Su, Y.S., Lee, C.H.*. A Taiwanese woman with Dowling-Degos disease: An electron microscopic study with pathophysiological significance. **Dermatol Sin**. 2013, 32 (1): 33-36.
10. Lee, C.H., Wu, S.B., Hong, C.H., Chen, G.S., Wei, Y.H., Yu, H.S. Involvement of mitochondrial DNA damage elicited by oxidative stress in the arsenical skin cancers. **J Invest Dermatol**. 2013, 133(7):1890-900.

11. Hsu, L.I., Chen, G.S., Lee, C.H., Yang, T.Y., Chen, Y.H., Wang, Y.H., Hsueh, Y.M., Chiou, H.Y., Wu, M.M., Chen, C.J., Use of arsenic-induced palmoplantar hyperkeratosis and skin cancers to predict risk of subsequent internal malignancy. *Am J Epidemiol.* 2013, 177(3):202-12.
12. Lee, C.H., Hong, C.H., Chen, Y.T., Chen, Y.C., Shen, M.R. TGF-beta1 increases cell rigidity by enhancing expression of smooth muscle actin: keloid-derived fibroblasts as a model for cellular mechanics. *J Dermatol Sci.* 2012, 67(3):173-80.
13. Lee, C.H., Hong, C.H., Yu, W.T., Chuang, H.Y., Huang, S.K., Chen, G.S., Yoshioka, T., Sakata, M., Liao, W.T., Ko, Y.C., Yu, H.S. Mechanistic correlations between two itch biomarkers, cytokine interleukin-31 and neuropeptide β -endorphin, via STAT3/calcium axis in atopic dermatitis. *Br J Dermatol.* 2012, 167(4):794-803.
14. Lee, C.H., Hwang, S.T. Pathophysiology of chemokines and chemokine receptors in dermatological science: A focus on psoriasis and cutaneous T-cell lymphoma. *Dermatol Sin.* 2012;30(4):128-135.
15. Lee, C.H., Hong, C.H., Yu, C.L., Wang, L.F., Clausen, B.E., Liao, W.T., Huang, S.K., Chen, G.S., Yu, H.S. Arsenic mobilizes Langerhans cell migration and induces Th1 response in epicutaneous protein sensitization via CCL21: a plausible cause of decreased Langerhans cells in arsenic-induced intraepithelial carcinoma. *Biochem Pharmacol.* 2012, 83(9):1290-9.
16. Chang, W.C., Lee, C.H.(equal contribution), Hirota, T., Wang, L.F., Doi, S., Miyatake, A., Enomoto, T., Tomita, K., Sakashita, M., Yamada, T., Fujieda, S., Ebe, K., Saeki, H., Takeuchi, S., Furue, M., Chen, W.C., Chiu, Y.C., Chang, W.P., Hong, C.H., Hsi, E., Juo, S.H., Yu, H.S., Nakamura, Y., Tamari, M. ORAI1 genetic polymorphisms associated with the susceptibility of atopic dermatitis in Japanese and Taiwanese populations. *PLoS One.* 2012, 7(1):e29387.
17. Hong, C.H., Yu, H.S., Ko, Y.C., Chang, W.C., Chuang, H.Y., Chen, G.S., Lee, C.H.* Functional regulation of interleukin-31 production by its genetic polymorphism in patients with extrinsic atopic dermatitis. *Acta Dermatovenerologica.* 2012, 92(4):430-2.
18. Chou, T.S., Su, Y.S., Wu, S.M., Wang C.H., Lee, C.H.*. Successful treatment of refractory blisters in porphyria cutanea tarda with topical pimecrolimus combined with oral hydroxychloroquine: an alternative to phlebotomy in patients with renal insufficiency and anemia. *Eur J Dermatol.* 2012, 22(4), 567-8.
19. Lee, C.H., Liao, W.T., Yu, H.S. Aberrant immune responses in arsenical skin cancers. *Kaohsiung J Med Sci.* 2011, 27(9):396-401.
20. Liao, W.T., Lan, C.C., Lee, C.H., Yu, H.S. Concentration-dependent cellular responses of arsenic in keratinocytes. *Kaohsiung J Med Sci.* 2011, 27(9):390-5.
21. Noda, M., Fujita, K., Lee, C.H., Yoshioka, T. The principle and the potential

- approach to ROS-dependent cytotoxicity by non-pharmaceutical therapies: optimal use of medical gases with antioxidant properties. *Curr Pharm Des.* 2011;17(22):2253-63.
- 22. Lee, C.H., Wu, S.B., Hong, C.H., Liao, W.T., Wu, C.Y., Chen G.S., Wei, Y.H., Yu, H.S. Aberrant cell proliferation by enhanced mitochondrial biogenesis through mtTFA in arsenical skin cancers. *Am J Pathol.* 2011, 178(5):2066-76.
 - 23. Lee, C.H., Hong, C.H., Yu, H.S., Chen, G.S., Yang, K.C. TGF-beta enhances MMP-2 expression and activity through AKT in fibroblasts derived from angiofibromas in patients with tuberous sclerosis complex. *Br J Dermatol.* 2010, 63(6):1238-44.
 - 24. Lee, C.H., Chuang, H.Y., Hong, C.H., Huang, S.K., Chang, Y.C., Ko, Y.C., Yu, H.S. Lifetime exposure to cigarette smoking and the development of adult-onset atopic dermatitis. *Br J Dermatol.* 2011.164(3):483-9.
 - 25. Pan, J., Nakade, K., Huang, Y.C., Zhu, Z.W., Masuaki, S., Hasegawa, H., Murata, T., Yoshiki, A., Yamaguchi, N., Lee, C.H., Yang, W.C., Tsai, E.M., Obata, Y., Yokoyama, K. Suppression of cell cycle progression by Jun dimerization protein 2 (JDP2) involves down-regulation of cyclin A2. *Oncogene.* 2010, 29(47):6245-56.
 - 26. Wang, H.M., Chen, C.Y., Chen, C.Y., Ho, M.L., Chou, Y.T., Chang, H.C., Lee, C.H., Wang, C.Z., Chu, I.M. (-)-N-Formylanonaine from Michelia alba as a human tyrosinase inhibitor and antioxidant. *Bioorg Med Chem.* 2010. 18(14):5241-7.
 - 27. Lee, C.H., Liao, W.T., Yu, H.S. Mechanisms and immune dysregulations in arsenic skin carcinogenesis. *J Cancer Therapy.* 2010. 1:76-86.
 - 28. Lee, C. H., Hu, W. P., Hong, C. H., Yu, H. S., Liao, W. T., Chen, C. Y., Chen, Y. L., Chen, B. H., Chen, G. S. and Wang, J. J., Pyrrolo[2,1-c][1,4]benzodiazepine and indole conjugate (IN6CPBD) has better efficacy and superior safety than the mother compound DC-81 in suppressing the growth of established melanoma in vivo. *Chem Biol Interact.* 2009. 180: 360-367.
 - 29. Hong, C. H., Darling, T. N. and Lee, C. H.*, Prevalence of Tuberous Sclerosis Complex in Taiwan: A National Population-Based Study. *Neuroepidemiology.* 2009. 33: 335-341.
 - 30. Liao, W.T., Yu, H.S., Arbiser, J., Hong, C.H., Chai, C.Y., Chen, G.S., Lee, C.H.*. CD14+ cells from keloid patients induce fibroblasts proliferation through MCP-1/AKT axis. *Exp Dermatol.* 2010. 19: e142-150.
 - 31. Liao, W. T., Yu, C. L., Lan, C. C., Lee, C. H., Chang, C. H., Chang, L. W., You, H. L. and Yu, H. S., Differential effects of arsenic on cutaneous and systemic immunity: focusing on CD4+ cell apoptosis in patients with arsenic-induced Bowen's disease. *Carcinogenesis.* 2009. 30: 1064-1072.
 - 32. Hung, C. C., Liu, W. C., Kuo, M. C., Lee, C. H., Hwang, S. J. and Chen, H. C., Acute renal failure and its risk factors in Stevens-Johnson syndrome and toxic epidermal

- necrolysis. **Am J Nephrol.** 2009. 29: 633-638.
- 33. Hu, S. C., Ke, C. L., Lee, C. H., Wu, C. S., Chen, G. S. and Cheng, S. T., Dermoscopy of Kaposi's sarcoma: areas exhibiting the multicoloured 'rainbow pattern'. **J Eur Acad Dermatol Venereol.** 2009. 23: 1128-1132.
 - 34. Wu, C. Y., Lee, C. H., Lin, H. L. and Wu, C. S., Cutaneous granulomatous infection caused by *Scopulariopsis brevicaulis*. **Acta Derm Venereol.** 2009. 89: 103-104.
 - 35. Cheng, S. T., Ke, C. L., Lee, C. H., Wu, C. S., Chen, G. S. and Hu, S. C., Rainbow pattern in Kaposi's sarcoma under polarized dermoscopy: a dermoscopic pathological study. **Br J Dermatol.** 2009. 160: 801-809.
 - 36. Kim, S. Y., Lee, C. H., Midura, B. V., Yeung, C., Mendoza, A., Hong, S. H., Ren, L., Wong, D., Korz, W., Merzouk, A., Salari, H., Zhang, H., Hwang, S. T., Khanna, C. and Helman, L. J., Inhibition of the CXCR4/CXCL12 chemokine pathway reduces the development of murine pulmonary metastases. **Clin Exp Metastasis.** 2008. 25: 201-211.
 - 37. Hong, C. H., Lee, C. H., Chang, L. W., Chiou, M. H., Hsieh, M. C., Kao, Y. H. and Yu, H. S., Anti-endothelial cell IgG from patients with chronic arsenic poisoning induces endothelial proliferation and VEGF-dependent angiogenesis. **Microvasc Res.** 2008. 76: 194-201.
 - 38. Lee, C. H., Chang, H. R., Chen, J. S., Chen, G. S. and Yu, H. S., Defective adrenergic responses in patients with arsenic-induced peripheral vascular disease. **Angiology.** 2007. 58: 161-168.
 - 39. Lee, C. H., Kakinuma, T., Wang, J., Zhang, H., Palmer, D. C., Restifo, N. P. and Hwang, S. T., Sensitization of B16 tumor cells with a CXCR4 antagonist increases the efficacy of immunotherapy for established lung metastases. **Mol Cancer Ther.** 2006. 5: 2592-2599.
 - 40. Lee, C. H., Chuang, H. Y., Shih, C. C., Jong, S. B., Chang, C. H. and Yu, H. S., Transepidermal water loss, serum IgE and beta-endorphin as important and independent biological markers for development of itch intensity in atopic dermatitis. **Br J Dermatol.** 2006. 154: 1100-1107.
 - 41. Lee, C. H., Chen, J. S., Sun, Y. L., Liao, W. T., Zheng, Y. W., Chai, C. Z., Chen, G. S. and Yu, H. S., Defective beta1-integrins expression in arsenical keratosis and arsenic-treated cultured human keratinocytes. **J Cutan Pathol.** 2006. 33: 129-138.
 - 42. Lee, C. H., Chen, G. S. and Yu, H. S., Effect of linear polarized light irradiation near the stellate ganglion in skin blood flow of fingers in patients with progressive systemic sclerosis. **Photomed Laser Surg.** 2006. 24: 17-21.
 - 43. Lee, C. H. and Yu, H. S., Elevated serum antimelanocyte antibody level in cerebriform intradermal nevus with vitiligo. **J Dermatol.** 2004. 31: 540-545.
 - 44. Lee, C. H., Yu, C. L., Liao, W. T., Kao, Y. H., Chai, C. Y., Chen, G. S. and Yu, H. S., Effects and interactions of low doses of arsenic and UVB on keratinocyte apoptosis. **Chem**

Res Toxicol. 2004. 17: 1199-1205.

45. Lee, C. H., Chuang, H. Y., Shih, C. C., Jee, S. H., Wang, L. F., Chiu, H. C., Chang, C. H., Wu, C. S. and Yu, H. S., Correlation of serum total IgE, eosinophil granule cationic proteins, sensitized allergens and family aggregation in atopic dermatitis patients with or without rhinitis. **J Dermatol.** 2004. 31: 784-793.
46. Lee, C. H. and Cheng, S. T., Kikuchi-Fujimoto disease: a case report. **Kaohsiung J Med Sci.** 2003. 19: 246-251.
47. Yu, H. S., Lee, C. H. and Chen, G. S., Peripheral vascular diseases resulting from chronic arsenical poisoning. **J Dermatol.** 2002. 29: 123-130.
48. Yu, H. S., Lee, C. H., Jee, S. H., Ho, C. K. and Guo, Y. L., Environmental and occupational skin diseases in Taiwan. **J Dermatol.** 2001. 28: 628-631.

Book Chapters, ¹⁻³

- 1 Lee CH, Yu HS. Non-invasive linear polarized light irradiation on the stellate ganglion improves skin blood flow in patients with Blackfoot disease. In: *Understanding the Geological and Medial Interface of Arsenic As2012* (Ng NC, Noller BN, Naidu R et al., eds). London: Talyor and Francis. 2012; 211-2.
- 2 Lee CH, Yu HS. Biomarkers for itch and disease severity in atopic dermatitis. In: *Current Problems in Dermatology*. (Shiohara T, ed), Vol. 41. Basel: Karger. 2011; 136-48.
- 3 Yu HS, Lee CH. Capillary Microscopy. In: *Handbook of Non-invasive Methods and the Skin* (Serup J, ed). New York: Taylor & Francis. 2005; 673-8.