CURRICULUM VITAE

Chang-Youh Tsai, M.D., Ph.D.

E-mail Address:

cytsai@vghtpe.gov.tw

Office Address:

Division of Allergy, Immunology, and Rheumatology, Department of Medicine, Taipei Veterans General Hospital

201 Shih-Pai Road, Section 2, Taipei 112, Taiwan

TEL: (886)-28712121 ext. 3366

FAX: (886)-2-28721874

Education:

1976 - 1983	National Taiwan University School of Medicine
1989 - 1992	Institute of Clinical Medicine (PhD program)
	National Yang-Ming University

Experience:

	
2015 – present	Director Division of Allergy, Immunology & Rheumatology Taipei Veterans General Hospital
2000 - present	Professor of Medicine Faculty of Medicine School of Medicine, National Yang-Ming University
1993 - 2000	Associate Professor Faculty of Medicine School of Medicine, National Yang-Ming University
1996 – 1997	Research Fellow W.M. Keck Autoimmune Disease Center The Scripps Research Institute, La Jolla, CA, USA
1988 - 1989	Attending Physician Division of Medicine Department of Emergency Medicine Taipei Veterans General Hospital
1989 - present	Attending Physician Division of Allergy, Immunology, & Rheumatology Department of Medicine Taipei Veterans General Hospital
1987 - 1988	Chief Resident Physician

Department of Medicine

Taipei Veterans General Hospital

1986 - 1987 Senior Resident Physician

Division of Allergy, Immunology, & Rheumatology

Department of Medicine

Taipei Veterans General Hospital

1983 - 1987 Junior Resident Physician

Department of Medicine

Taipei Veterans General Hospital

1982 - 1983 Intern

National Taiwan University Hospital

Licensure and Certification:

1983 Licensed to Practice Medicine, R.O.C.

Certificate No: 011765

1983 Educational Council for Foreign Medical Graduate

(ECFMG)

1983 Visa Qualifying Examination

(VQE)

Nation's Higher Civil Service Examination for Public Health Physician

Professional Organizations:

1986 - present Taiwan Society of Immunology

1987 - present Taiwan Society of Internal Medicine

1986 - present Taiwan Society of Family Medicine

1986 – present Taiwan Society of Rheumatology

1993 – present Chinese Medical Association-Taipei

1998 – present New York Academy of Sciences

Academic Assignment

2011 – present Member of the Editorial Board, Rheumatology, UK 2012 - present Chief Executive Officer, Arthritis Foundation, Taiwan

Honors and Awards:

1992–1994 Research Award, National Science Council, Taiwan

1994 Chinese Medical Association Award, Taiwan

1996	Chinese Medical Association Award, Taiwan
2000	Taiwan Society of Rheumatology Award for Outstanding Investigator
2000	International Who's Who of Professionals
2000	Federation of Immunology Societies in Asia (FIMSA) Award for Young Investigator
2001	Taiwan Society of Immunology Award in Memory of Mr. Sheng-Sheu Tei
2003	Taiwan Society of Immunology Award for Investigation on Systemic Lupus Erythematosus
2004	Taiwan Society of Immunology Award in Memory of Mr. Sheng-Sheu Tei

(A) Refereed Papers:

- 1. Lai CC, Chen WS, Chang DM, Tsao YP, Wu TH, Chou CT, <u>Tsai CY</u>*. Increased serum fibroblast growth factor-23 and decreased bone turnover in patients with systemic lupus erythematosus under treatment with cyclosporine and steroid but not steroid only. *Osteoporosis Int* 2015;26:601-10. doi: 10.1007/s00198-014-2910-3 (SCI)
- 2. Chen CH, Chen HA, Liao HT, L u CH, <u>Tsai CY</u>, Chou CT. The clinical usefulness of ESR, CRP, and disease duration in ankylosing spondylitis: the product of these acute-phase reactants and disease duration is associated with patient's poor physical mobility. *Rheumatol Int* 2015;35:1263–7. doi: 10.1007/s00296-015-3214-4. (SCI)
- 3. Lee HT, Lin CS, Lee CS, <u>Tsai CY</u>*, Wei YH*. The role of *hOGG1 C1245G* polymorphism in the susceptibility of lupus nephritis and modulation of the plasma 8-OHdG in patients with systemic lupus erythematosus. *Int J Mol Sci* 2015;16:3757-68. doi:10.3390/ijms16023757 (SCI)
- 4. Chen MH, Chen MH, <u>Tsai CY</u>, Chou CT, Lin HY, Huang DF, Huang YH. Incidence and antiviral response of hepatitis C virus reactivation in lupus patients undergoing immunosuppressive therapy. *Lupus* 2015;24:1029-36. doi: 10.1177/0961203315571465. (SCI)
- 5. Chen MH, Chen HA, Chen WS, Chen MH, <u>Tsai CY</u>*, Chou CT*. Upregulation of BMP-2 expression in peripheral-blood mononuclear cells by proinflammatory cytokines and radiographic progression in ankylosing spondylitis. *Mod Rheumatol* 2015;25:913-9. doi: 10.3109/14397595.2015.1029221. (SCI)
- 6. Hong JY, Chang YS, Chou CT, <u>Tsai CY</u>, Chen WS. Calcium pyrophosphate deposition pseudoabscess. *J Clin Rheumatol* 2015;21:270. doi: 10.1097/RHU.0000000000000267. (SCI)
- 7. Wu CH, Li KJ, Yu CL, <u>Tsai CY</u>, Hsieh SC. Sjögren's Syndrome Antigen B acts as an endogenous danger molecule to induce interleukin-8 gene expression in polymorphonuclear neutrophils. *PLoS One* 2015;10:e0125501. doi: 10.1371/journal.pone.0125501. (SCI)
- 8. Tsao YP, Chen CY, <u>Tsai CY</u>, Chang DM. Etanercept injection decreases plasma nitrotyrosine and increases plasma MCP-1 in patients with rheumatoid arthritis. *Ann Rheum Dis* 2015;74(Suppl 2):1040. doi: 10.1136/annrheumdis-2015-eular.5601 (in abstract) (SCI)
- 9. Tsao YP, <u>Tsai CY</u>, Chen WS. Image in Rheumatology: Maffucci syndrome. *J Rheumatol* 2015;42:2434-5. doi: 10.3899/jrheum.150216 (SCI)
- 10. Liao HT, Lin YF, <u>Tsai CY</u>, Chou CT. Regulatory T cells in ankylosing spondylitis and the response after adalimumab treatment. *Bone Joint Spine* 2015;82:423-7. doi: 10.1016/j.jbspin.2015.03.003. (SCI)
- 11. Ko TM[&], Tsai CY[&], Chen SY[&], Yu KH[&], Chen KS, et al. Use of HLA-B*58:01 genotyping to prevent allopurinol induced severe cutaneous adverse reactions in Taiwan: national prospective cohort study. *BMJ* 2015;351:h4848. doi: 10.1136/bmj.h4848 (SCI)
- 12. Li TH, Huang CC, Yang YY, Lee KC, Hsieh SL, Hsieh YC, Alan LA, Lin HC, Lee SD. <u>Tsai CY</u>. Thalidomide improves the intestinal mucosal injury and suppresses mesenteric angiogenesis and vasodilatation by down-regulating inflammasomes-related cascades in cirrhotic rats. *PLoS One* 2016;11:e0147212. doi: 10.1371/journal.pone.0147212. (SCI)
- 13. Chen CH, Chen HA, Liao HT, Liu CH, <u>Tsai CY</u>, Chou CT. Suppressors of cytokine signaling in ankylosing spondylitis and their associations with disease severity, acute-phase reactants and serum cytokines. *Clin Exp Rheumatol* 2016 34:100-5. (SCI)
- 14. Wu CC, Liu FL, Sytwu HK, <u>Tsai CY</u>, Chang DM. CD146+ mesenchymal stem cells display greater therapeutic potential than CD146- cells for treating collagen-induced arthritis in mice. *Stem Cell Res Ther* 2016;7:1-13. doi: 10.1186/s13287-016-0285-4 (SCI)

- 15. Lee HT, Wu TH, Lin CS, Lee CS, <u>Tsai CY</u>*, Chang DM*. The pathogenesis of systemic lupus erythematosus from the viewpoint of oxidative stress and mitochondrial dysfunction. *Mitochondrion* 2016;30:1-7. (SCI)
- 16. Chen WS, Chang YS, Chang CC, Chang, DM, Chen, YH, <u>Tsai, CY</u>*, Chen JH*. Management and risk reduction of rheumatoid arthritis in individuals with obstructive sleep apnea: a nationwide population-based study in Taiwan. *Sleep* 2016;39:1883-1890. (SCI)
- 17. Chen MH, Chen CK, Chou HP, Chen MH, <u>Tsai CY</u>*, Chang DM. Rituximab therapy in primary Sjögren's syndrome with interstitial lung disease. *Clin Exp Rheumatol* 2016;34:1077-84. (SCI)
- 18. Wu TH, Lee HT, Lai CC, Yang YH, Loong CC, Wang HK, Yu CL, <u>Tsai CY</u>*. Suppressor of cytokine signaling (SOCS) 1 is down-regulated in renal transplant recipients with rejection. *Transplant Immunol* 2016;38:54-9. doi: 10.1016/j.trim.2016.07.001. (SCI)
- 19. Hsieh SC, <u>Tsai CY</u>, Yu CL. Potential serum and urine biomarkers in patients with lupus nephritis and the unsolved problems. *Open Acc Rheumatol* 2016;8:81-91. doi: 10.2147/OARRR.S112829.
- 20. Wu CS, Hsieh TY, Yang KJ, Wu-Jan YJ, Chen YH, Chen CH, Tseng JC, Tsai WC, <u>Tsai CY</u>, Hsieh SC, Liu MF, Lan JL, Luo SF, Chen DY. Taiwan Rheumatology Association recommendations for the diagnosis and management of antineutrophil cytoplasmic antibody-associated vasculitis *Formos J Rheumatol* 2016;30:1-17.
- 21. Shen YC, Lai CC, <u>Tsai CY</u>*, Chen WS. The sustained therapeutic effectiveness of abatacept in patients with rheumatoid arthritis: an observational study in a medical center. *Formos J Rheumatol* 2016:30:43-9.
- 22. Tsao YP, Chen WS, <u>Tsai CY</u>. Ultrasonography and its applications in patients with Sjögren's syndrome and sicca symptoms. *Ann Rheum Dis* 2016;75(suppl 2):873-4. doi: 10.1136/annrheumdis-2016-eular.4943 (in abstract) (SCI)
- 23. Lee CJ, Huang YH, Lin HY, Chou CT, <u>Tsai CY</u>, Chen WS, Chen MH, Lin HC. Randomized controlled trial of entecavir prophylaxis in patients with inflammatory arthritis and inactive HBV infection undergoing biologics treatment: the first interim report. *J Hepatol* 2016;64(Suppl 2):S587. doi: 10.10.16/S0168-8278(16)01078-3 (in abstract) (SCI)
- 24. Li TH, Chang YS, Chang CC, <u>Tsai CY</u>. Identification of high probability of SLE development among ITP patients by means of decision-tree model: a nationwide cohort study. *Formos J Rheumatol* 2016;30:54-61.
- 25. Huang YF, Lai CC, Chou CT, <u>Tsai CY</u>, Chen WS. Rituximab retention rate in rheumatoid arthritis: a single center experience. *Formos J Rheumatol* 2016;30:62-7.
- 26. Li TH, Lee PC, Lee KC, Hsieh YC, <u>Tsai CY</u>, Yang YY, Huang SF, Tsai TH, Hsieh SL, Hou MC, Lin HC, Lee SD. Down-regulation of common NFκB-iNOS pathway by chronic thalidomide treatment improves hepatopulmonary syndrome and muscle wasting in rats with biliary cirrhosis. *Sci Rep* 2016; 6:39405. doi: 10.1038/srep39405. (SCI)
- 27. Lee HT, Wu TH, Lin CS, Lee CS, Pan SC, Chang DM, Wei YH, <u>Tsai CY</u>*. Oxidative DNA and mitochondrial DNA change in patients with SLE. *Front Biosci (Landmark)* 2017;22:493-503. doi: 10.2741/4497 (SCI)
- 28. Liu CJ, <u>Tsai CY</u>, Chiang SH, Tang SJ, Chen NJ, Mak TW, Sun GH, Sun KH. Triggering receptor expressed on myeloid cells-1 (TREM-1) deficiency augments BAFF production to promote lupus progression. *J Autoimmun* 2017;78:92-100. doi: 10.1016/j.jaut.2016.12.010. (SCI)
- 29. Huang SF, Chen MH, Wang FD, <u>Tsai CY</u>, Fung CP, Su WJ. Efficacy of isoniazid salvage therapy for latent tuberculosis infection in patients with immune-mediated inflammatory disorders: a retrospective cohort study in Taiwan. *J Microbiol Immunol Infect* 2017 (in press). doi: 10.1016/j.jmii.2017.04.001. (SCI)
- 30. Liao HT, Lin YF, Chou CT, <u>Tsai CY</u>*. Semaphorin 3A in ankylosing spondylitis. *J Microbiol Immunol Infect* 2017 (in press) doi: 10.1016/j.jmii.2017.07.001. (SCI)

- 31. Liao HT, Chen WS, Chou CT, <u>Tsai CY</u>*. Paraneoplastic pemphigus in a man with spindle cell sarcoma of the left mediastinum. *J Autoimmun Res* 2017;4:1025 (1-3).
- 32. Chen MH, Chen MH, Liu CY, <u>Tsai CY</u>, Huang DF, Lin HY, Lee MH, Huang YH. Hepatitis B virus reactivation in rheumatoid arthritis patients undergoing biologics treatment. *J Infect Dis* 2017;215:566-73. doi: 10.1093/infdis/jiw606. (SCI)
- 33. Liao HT, Lin YF, <u>Tsai CY</u>, Chou CT. Bone morphogenetic proteins and Dickkopf-1 in ankylosing spondylitis. *Scand J Rheumatol* 2017 Mar 17:1-6. (epub ahead of print). doi: 10.1080/03009742.2017.1287305. (SCI)
- 34. Li TH, Chang YS, <u>Tsai CY</u>*. Can we foresee SLE in ITP patients? To distinguish ITP patients with high risk of SLE by a nationwide cohort study-based decision tree. *Ann Rheum Dis* 2017;76(suppl 2):889. doi: 10.1136/annrheumdis-2017-eular.1359 (in abstract) (SCI)
- 35. Tsao YP, <u>Tsai CY</u>*. Responsiveness of systemic lupus erythematosus patients after rituximab treatment: a single center experience. *Ann Rheum Dis* 2017;76(suppl 2):1215. doi: 10.1136/annrheumdis-2017-eular.6648 (in abstract) (SCI)
- 36. Li TH, Liao HT, Huang YF, Shen YC, Chiu YC, Chen WS, Chen MH, <u>Tsai CY*</u>, Chang DM. The current status and unmet needs in the management of psoriatic arthritis: Viewpoint from physicians in Taiwan. *J Formos Med Assoc* 2017 (epub ahead of print). doi: 10.1016/j.jfma.2017.05.001.
- 37. Liu CW, Huang CC, Tsai HC, Su YB, Huang SF, Lee KC, Hsieh YC, Li TH, <u>Tsai CY</u>, Chong LW, Ou SM, Yang YY, Fan WC, Hou MC, Lin HC, Lee SD. Serum adrenomedullin and urinary thromboxane B2 help early categorizing of acute kidney injury in de-compensated cirrhotic patients: A prospective cohort study. *Hepatol Res* 2017 (epub ahead of print). doi: 10.1111/hepr.12917. (SCI)
- 38. Li TH, Liu CW, Lee PC, Huang CC, Lee KC, Hsieh YC, Yang YY, Hsieh SL, Lin HC, <u>Tsai CY</u>. Decoy receptor 3 analogous supplement protects steatotic rat liver from ischemia-reperfusion injury. *J Chin Med Assoc* 2017;80:391-400. doi: 10.1016/j.jcma.2016.11.008. (SCI)
- 39. Liu FL, Chen CL, Lee CC, Wu CC, Hsu TH, <u>Tsai CY</u>, HS Huang, Chang DM. The simultaneous inhibitory effect of niclosamide on RANKL-induced osteoclast formation and osteoblast differentiation. *Int J Med Sci* 2017;14:840-52. doi: 10.7150/ijms.19268 (SCI)
- 40. Liu CW, Tsai HC, Huang CC, <u>Tsai CY</u>, Su YB, Lin MW, Lee KC, Hsieh YC, Li TH, Huang SF, Yang YY, Hou MC, Lin HC, Lee FY, Lee SD. Effects and mechanisms of caffeine to improve immunologic and metabolic abnormalities in diet-induced obese rats. *Am J Physiol Endocr Metab* 2017 (e-pub ahead of print). doi: 10.1152/ajpendo.00094.2017 (SCI)
- 41. Yang TH, Wu TH, Chang YL, Liao HT, Hsu CC, <u>Tsai CY</u>*, Chou YC*. Cyclosporine for the treatment of lupus nephritis. *Clin Nephrol* 2017 (in press). doi: 10.5414/CN109325 (SCI)
- 42. Tsao YP, Chen MH, Chen WS, Lai CC, <u>Tsai CY</u>*. Application of salivary gland ultrasonography in Sjögren syndrome and sicca symptoms: a single center experience. *Arthritis Rheumatol* 2017;69 (Suppl 10): A 268. (in abstract) WOS:000411824100268; http://acrabstracts.org/abstract/applications-of-salivary-gland-ultrasonography-in-sjogren-syndrome-and-sicca-symptoms-a-single-center-experience/. (SCI)
- 43. Chen YC, Chen SC, Chou CT, Brown C, Lee JY, Lu WS, <u>Tsai CY</u>*. Effects of diacerein controlled release tablets in serum uric acid reduction in treating subjects with gout. *Atrthritis Rheumatol* 2017;69 (suppl 10):A1114. (in abstract) WOS:000411824102031; http://acrabstract/effects-of-diacerein-controlled-release-tablets-in-serum-uric-acid-reduction-in-treating-subjects-with-gout/. (SCI)
- 44. Chen MH, Tsao YP, Huang YH, Chou CT, <u>Tsai CY</u>*. High incidence of hepatitis related HBV reactivation in rheumatoid arthritis patients with resolved hepatitis B infection

- during rituximab treatment. *Arthritis Rheumatol* 2017;69 (suppl 10):A2385. (in abstract); WOS:000411824105227;
- http://acrabstract.org/abstract/high-incidence-of-hepatitis-b-infection-during-rituximab-treatment/. (SCI)
- 45. Lai WF, Chin YP, Liu CW, <u>Tsai CY</u>*. Methotrexate-associated lymphoproliferative disease with multiple pulmonary nodules in a patient with rheumatoid arthritis. *BMJ Case Rep* 2017 (in press). doi: 10.1136/bcr-2017-221778
- 46. Tsai CK, Liao HT, Wu TH, Chen WS, Chen MH, <u>Tsai CY</u>*, Chang DM. SLE with pulmonary embolism and renal tubule acidosis. *Med Case Report* 2017;3:26. doi: 10.2176/2471-8041.100057
- 47. Tsai MH, Li H, Lai CC, Chen WS, <u>Tsai CY</u>. The long-term efficacy and safety of tocilizumab in younger and elderly patients with refractory rheumatoid arthritis: a single tertiary center cohort study. *Formos J Rheumatol* 2017;31:22-29
- 48. <u>Tsai CY</u>, Lu MC, Yu CL*. Can urinary exosomal micro-RNA detection become a diagnostic and prognostic gold standard for patients with lupus nephritis and diabetic nephropathy? *J Lab Precis Med* 2017;2:91(1-4). doi: 10.21037/jlpm.2017.06.05
- 49. Chang CL, Wu DY, <u>Tsai CY</u>, Wu TH. Establishing an experimental procedure to detect IgM autoantibodies in a diabetic patients with uremia undergoing pancreas transplantation. *J Biomed Lab Sci* 2017 (in press).
- 50. Huang YF, Chang YS, Chen WS, Tsao YP, Wang WH, Liao HT, <u>Tsai CY</u>, Lai CC. Incidence and risk factors of osteomyelitis in systemic lupus erythematosus: a nationwide population-based cohort study. *Ann Rheum Dis* 2017 (in press). (SCI)
- 51. Sun YS, Sun IT, Wang HK, Yang AH, <u>Tsai CY</u>, Huang CJ, Huang DF, Lai CC. Risk of complications of ultrasound-guided renal biopsy for adult and pediatric patients with systemic lupus erythematosus. *Lupus* 2017; doi: 10.1177/0961203317751048. (e-pub ahead of print). (SCI)
- 52. Chen MH, Lee MH, Liao HT, Chen WS, Lai CC, <u>Tsai CY</u>*. Health-related quality of life outcomes in patients with rheumatoid arthritis and ankylosing spondylitis after tapering biologic treatment. *Clin Rheumatol* 2017; doi: 10.1007/s10067-017-3965-2. (e-pub ahead of print) (SCI)
- 53. Lee HT, Lin CS, Pan SC, Wu TH, Lee CS, Chang DM, <u>Tsai CY</u>*, Wei YH*. Alterations of oxygen consumption and extracellular acidification rates by glutamine in PBMCs of SLE patients. *Mitochondrion* 2018 (in press) (SCI)

(B) Conference Papers:

- 1. <u>Tsai CY</u>, Jeng HS, Yu CL, Wang SR. Systemic lupus erythematosus: a case report. Annual Meeting of the Chinese Society of Immunology, Dec 1986.
- 2. <u>Tsai CY</u>, Tsai ST, Yu CL, Wang SR. Erythema nodosum: a retrospective evaluation of 63 cases. Annual Meeting of the Chinese Society of Immunology, Dec 1986.
- 3. Tsai ST, <u>Tsai CY</u>, Yu CL, Wang SR. Juvenile ankylosing spondylitis with amyloidosis: a case report. Annual Meeting of the Rheumatology Association ROC, Nov 1987.
- 4. Yu CL, <u>Tsai CY</u>, Lin WM, Wang SR. Immunosuppressive effect of Tamm-Horsfall glycoprotein purified from pregnancy urine. Annual Meeting of the Rheumatology Association ROC, Nov 1990.
- 5. <u>Tsai CY</u>, Sun KH, Wang SR, Yu CL. Inhibitory effects of anti-cardiolipin antibodies on lymphocyte proliferation and neutrophil phagocytosis. The 13th Annual Scientific Meeting of the Chinese Society of Immunology and the International Symposium on "Immunogenetics, Immune Regulation and Bone Marrow Transplantation", Aug 1990.
- 6. Yu CL, <u>Tsai CY</u>, Wang SR. Tumor necrosis factor-α enhances neutrophil phagocytosis by increasing CR3 expression on the cell surface. The 13th Annual Scientific Meeting of the Chinese Society of Immunology and the International Symposium on "Immunogenetics, Immune Regulation and Bone Marrow Transplantation", Aug 1990.

- 7. <u>Tsai CY</u>, Lin WM, Yu CL, Wu TH, Wang SR. Increased soluble IL-2R receptor and free light chains in urine proteins from patients with lupus nephritis. Annual Meeting of the Rheumatology Association ROC, Nov 1990.
- 8. <u>Tsai CY</u>, Wu TH, Liao TS, Wang SR, Yu CL. Anti-dsDNA bind to the surface membrane of mesangial cells and activate the DNA fragmentation process. Annual Meeting of the Rheumatology Association ROC, Nov 1991.
- 9. <u>Tsai CY</u>, Wu TH, Sun KH, Lin WM, Liao TS, Wang SR, Yu CL. Increased excretion of soluble interleukin-2 receptors and free light chain immunoglobulins in the urine of patients with active lupus nephritis. Annual Meeting of the Society of Internal Medicine ROC, Jun 1991.
- 10. <u>Tsai CY</u>, Sun KH, Lin WM, Wang SR, Yu CL. Anti-dsDNA antibodies purified from active lupus serum exhibit cytotoxic effects on the cultured glomerular mesangial cells. Annual Meeting of the Chinese Society of Immunology, Jun 1991.
- 11. <u>Tsai CY</u>, Yu CL, Sun KH, Wang SR. Inhibitory effects of anti-cardiolipin antibodies on lymphocyte proliferation and neutrophil phagocytosis. Symposium of Institute of Biomedical Science, Academia Sinica, Feb 1991.
- 12. Yu CL, <u>Tsai CY</u>, Sun KH, Lin WM, Liao T-S, Wu TH, Wang SR. Immunomodulatory and phagocytosis-enhancing activities of Tamm-Horsfall glycoprotein (THG) purified from pregnancy urine. Annual Meeting of the Society of Internal Medicine ROC, Jun 1991.
- 13. Yu CL, <u>Tsai CY</u>, Lin L, Liao TS, Wang SR. Anti-dsDNA antibodies facilitate the secretion of monokines from lipopolysaccharide-stimulated human peripheral mononuclear cells. Annual Meeting of the Chinese Society of Immunology, Jun 1991.
- 14. Yu CL, <u>Tsai CY</u>, Wu TH, Sun KH, Wang SR. Anti-dsDNA antibodies purified from active lupus serum exert cytotoxic effects on the glomerular mesangial cells. Symposium of Institute of Biomedical Science, Academia Sinica, Feb 1991.
- 15. Yu CL, <u>Tsai CY</u>, Lee SY, Wang SR. Prostaglandin E2 inhibits β-2 microglobulin synthesis in stimulated mononuclear cells by decreasing intracellular glutathione level. Annual Meeting of the Chinese Society of Immunology, Jun 1992.
- 16. <u>Tsai CY</u>, Lin TM, Chen KH, Dai DN, Wang SR, Yu CL. Increased IL-6 level in cerebrospinal fluid of patients with central nervous system infection. Annual Meeting of the Chinese Society of Immunology, Jun 1992.
- 17. Yu CL, <u>Tsai CY</u>, Lin TM, Wang SR. Interleukin 8 enhances phagocytosis and pinocytosis of normal human polymorphonuclear neutrophils. Annual Meeting of the Rheumatology Association ROC, Nov 1992.
- 18. Wu TH, Yu CL, <u>Tsai CY</u>, Lin WM, Liao TS, Huang TP. Tamm-Horsfall glycoprotein purified from normal human pregnancy urine increases phagocytosis, complement receptor expression and arachidonic acid metabolism of polymorphonuclear neutrophils. Annual Meeting of the Society of Nephrology ROC, Nov 1992.
- 19. Wang SR, Liu TL, Yu CL, Chang HN, Tsai ST, Jeng HS, Lin HY, Tsai JJ, Tsai YY, <u>Tsai CY</u>, Chuang JC. The relationship between ANA titer and autoantibodies in systemic lupus erythematosus patients. Annual Meeting the Rheumatology Association ROC, Dec 1992.
- 20. Lee SS, Lin HY, <u>Tsai CY</u>, Ma S, Wang SR. Scleroderma after silicone gel breast implantation: case report. Annual Meeting of the Rheumatology Association ROC, Dec 1992.
- 21. <u>Tsai CY</u>, Liao TS, Lin WM, Yu CL. Tamm-Horsfall glycoprotein enhances monokine release and lymphocyte proliferation. Annual Meeting of the Society of Internal Medicine ROC, Sep 1992.
- 22. Yu CL, Lin TM, <u>Tsai CY</u>, Wang SR. Tumor necrosis factor-α enhances the production of the third component of complement by human neutrophils. Annual Meeting of the Chinese Society of Immunology, Jun 1993.
- 23. Yu CL, <u>Tsai CY</u>, Sun KH, Liao T-S, Lin WM. Anti-RNP and anti-Sm IgG antibodies penetrate into mononuclear cells and impair cell proliferation by decreasing intracellular glutathione levels. J Int Med ROC 1993; 4:227 (in abstract).

- 24. <u>Tsai CY</u>, Yu CL, Wang SR. Expression of inflammatory cytokines in MRL/*lpr/lpr* mice and effect of sulphasalazine on the survival of them. Annual Meeting of the Rheumatology Association ROC, Nov 1993.
- 25. <u>Tsai CY</u>. Lupus nephritis: an update review. Grand Round, Veterans General Hospital-Taipei, Mar. 16, 1994.
- 26. Wang HTJ, Tsai ST, Chang SN, <u>Tsai CY</u>. Symposium on Wegener's granulomatosis: diagnosis and treatment. Monthly Meeting of the Chinese Society of Immunology, Apr. 9, 1994.
- 27. Wang HTJ, <u>Tsai CY</u>, Yu CL. Autoimmune Manifestations in a patient with left atrial myxoma. Annual Meeting of the Chinese Society of Immunology, Sept. 25, 1994.
- 28. <u>Tsai CY</u>, Liu TL, Huang SF, Yu CL. The *in vitro* immunomodulatory effects of sulfasalazine on rat mesangial, human mononuclear cells and polymorphonuclear leukocytes. Annual Meeting of the Chinese Society of Immunology, Sept. 25, 1994.
- 29. Lin B-C, <u>Tsai CY</u>, Tsai YY, Yu CL. Bromocriptine treatment in hyperprolactinemia with low back pain. Annual Meeting of the Chinese Society of Immunology, Sept. 25, 1994.
- 30. Yu CL, <u>Tsai CY</u>, Hsieh SC. The reactivity of SLE sera with seven different sources of single and double-stranded DNA. Annual Meeting of the Chinese Society of Immunology, Sept. 25, 1994.
- 31. Hsieh SC, <u>Tsai CY</u>, Yu CL. Defective spontaneous and LPS-stimulated IL-1ra production by neutrophils of patients with active systemic lupus erythematosus. Annual Meeting of the Chinese Society of Immunology, Sept. 25, 1994.
- 32. <u>Tsai CY</u>, Wang HTJ, Hsieh SC, Yu CL. Excretion of interleukin-1β and tumor necrosis-α and modulation of mononuclear cell proliferation from urine of patients with IgA nephropathy. Annual Meeting of the Chinese Society of Rheumatology, Nov. 5, 1994.
- 33. Yu CL, Sun KH, <u>Tsai CY</u>. Anti-dsDNA antibodies cross-react with acidic ribosomal protein P on the surface of glomerular mesangial cells to exert cytotoxicity. The 9th International Congress of Immunology, San Francisco, USA, 1995: 3643.
- 34. <u>Tsai CY</u>, Yu CL. Prostaglandin E2 suppresses the expression and release of β2-microglobulin from mitogen-activated normal human mononuclear cells. The 9th International Congress of Immunology, San Francisco, USA, 1995: 178 (1055).
- 35. <u>Tsai CY</u>, Tan EM. The immunocytochemical study of nuclear matrix with autoimmune sera. Joint Meeting of the 20th Annual Meeting of the Chinese Society of Immunology (Taipei) & the 15th Annual Meeting of Rheumatology Association, ROC. 1997: 10.
- 36. Tsai CY. Fas antigen and SLE. 1998台灣醫學會91屆總會暨內科醫學會
- 37. <u>Tsai CY</u>, Yu CL, Wu TH, Chou CT. TNF-α and IL-8 are excessively expressed in renal tissues of patients with membranous glomerulonephritis and minimal change disease. Joint Meeting of the Chinese Society of Immunology (Taipei) and Rheumatology Association, ROC. 1998: 27.
- 38. <u>Tsai CY</u>. Clinical relevance of autoantibodies in systemic rheumatic diseases. 1999 台灣聯 學 過
- 39. Tsai CY. Myositis and related syndrome. 1999台灣聯合醫學會台灣醫學週
- 40. <u>Tsai CY</u>, Lu JY, Chou CT, Yu CL. Decreased IL-12 production by polymorphonuclear neutrophils in patients with active SLE. Joint Meeting of the Chinese Society of Immunology (Taipei) & Rheumatology Association, ROC. 1999: 26.
- 41. <u>Tsai CY</u>, Liu I-T. Fas antigen expression in SLE patients. Joint Meeting of the Chinese Society of Immunology (Taipei) and Rheumatology Association, ROC. 2000:59.
- 42. <u>Tsai CY</u>, Yu CL. Cytokines modulate cyclooxygenase 1 expression in glomerular mesangial cells. Joint Meeting of the Chinese Society of Immunology (Taipei) and Rheumatology Association, ROC. 2001:15
- 43. <u>Tsai CY</u>. A viewpoint of rheumatologist to the antiphospholipid syndrome. 2001 台灣聯合醫學會台灣醫學週

- 44. <u>Tsai CY</u>. Biological significance of autoantibodies in SLE. Grand Round, Triservice General Hospital, March 2002.
- 45. <u>Tsai CY</u>, Yu CL, Woo WL, Hsieh SC, Chou CT. Glucose transporter in polymorphonuclear leukocytes and lymphocytes of patients with active systemic lupus erythematosus. Joint Meeting of the Chinese Society of Immunology (Taipei) and Rheumatology Associateation, ROC. 2002 Dec.
- 46. <u>Tsai CY</u>. Novel cytokine and cytokine receptor targeted therapies. *Taiwan Society of Internal Medicine* 2007 (in electronic abstract).
- 47. <u>Tsai CY</u>. Advance in cytokine mesasurement and its implication in clinical medicine. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC. 2007 Dec
- 48.李惠婷、陳瑋昇、蘇桂英、<u>蔡長祐</u>。 Myasthenia gravis associated with lupus nephritis. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC. 2007 Dec.
- 49.Chou CT, <u>Tsai CY</u>, Chen WS, Su KY, Lee HT, Lee HT, Chen TH. Overexpression of DCR3 in synovial tissues of inflammatory arthritis. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC. 2007 Dec.
- 50. Chou CT, <u>Tsai CY</u>, Chen WS, Su KY, Lee HT, Liao HT, Chen CH, Liang TH, Chang DM, Lai CH, Wei JCC, Lu LY, Chen KH. A significant decrease of serum IL-6 and MMP-3 after etanercept treatment in patients with ankylosing spondylitis. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC. 2007 Dec.
- 51. Chou CT, <u>Tsai CY</u>, Chen WS, Wang HP, Su KY, Lee YH, Lin KC. Autoantibody and biopsy grading are more important to determine the cell infiltration and expression of ICAM-1, MMP-3, CXCR3 and TRAIL in salivary gland mononuclear cells of patients with Sjogren's syndrome. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC. 2007 Dec.
- 52. Liao HT, Lin KC, Chang YT, Chen CH, Liang TH, Chen WS, Su KY, <u>Tsai CY</u>, Chou CT. Study of human leukocyte antigen and clinical demographic characteristics in psoriasis and psoriatic arthritis in Chinese patients. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC. 2007 Dec.
- 53. <u>Tsai CY</u>. Glucocorticoid-induced osteoporosis. 2008台灣醫學會101屆總會暨台灣聯合醫學會台灣醫學週.
- 54. <u>Tsai CY</u>. Clinics in vasculitis: Analysis on the individual cases of vasculitides. 2009台灣醫學會102屆總會暨台灣聯合醫學會台灣醫學週.
- 55. Tsai CY. Acute and chronic polyarthritis. 2009 內科醫學會年會.
- 56. <u>Tsai CY</u>. Biomarkers in lupus nephritis. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.
- 57. Li KJ, Wu CH, Hsieh SC, Lu MC, <u>Tsai CY</u>, Yu CL. Deranged bioenergetics and defective redox capacity in T lymphocytes and neutrophils ar related to cellular dysfunction and increased oxidative stress in patients with active systemic lupus erythematosus. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.
- 58. Chou CT, Chen WS, <u>Tsai CY</u>. Synovial immunopathologic study in ankylosing spondylitis and other rheumatic diseases. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.
- 59. Lai CC, Chang YS, Chen WS, <u>Tsai CY</u>, Chou CT. Anti-tumor necrosis factor alpha therapy increase serum levels of high-density lipoprotein-cholesterol (HDL-C) in patients with severe ankylosing spondylitis. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.
- 60. Wang SH, Chang YS, Chen WS, Lee SS, Wu-Chan YC, Hsieh SC, Liao HT, Chen CH, <u>Tsai CY</u>, Chou CT. Evaluation of rituximab therapy in Chinese patients with lupus nephritis (Study from B-cell club)/ Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.

- 61. Chang YS, Huang PS, Chen WS, <u>Tsai CY</u>, Chou CT. Endothelial progenitor cells in patients with ankylosing spondylitis. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.
- 62. Chen WS, Chang YS, Lai CC, Wang SH, Hsiao KH, Lee HT, Chen MH, <u>Tsai CY</u>, Chou CT. The serum levels of adipocytokines: leptin, adiopnectin and resistin in ankylosing spondylitis patients. Joint Meeting of the Taiwan Society of Immunology and Rheumatology Association ROC 2011 Dec.
- 63. <u>Tsai CY</u>. Recent advances in the treatment of rheumatoid arthritis. 105th Conference of Formosan Association of Medicine 2012台灣醫學會105屆總會暨台灣聯合醫學會台灣醫學週.
- 64. <u>Tsai CY</u>. Anti-neutrophil cytoplasmic antibodies (ANCA) and vasculitides. Annual Conference of Taiwan Internal Medicine Society 2012.
- 65. Wu TH, <u>Tsai CY</u>, Yu CL. Alteration in the composition and function of Tamm-Horsfall glycoprotein in renal transplantation. Annual Conference of Taiwan Rheumatology Association 2012 Dec.
- 66. <u>Tsai CY</u>, Lee HT, Lin CS, Wei YH. Mitochondrial change in SLE. Japanese College of Rheumatology 2013 Kyoto.
- 67. <u>Tsai CY</u>. Palindromic rheumatism. Annual Conference of Taiwan Internal Medicine Society 2013.
- 68. <u>Tsai CY</u>. New biomarker for osteoporosis. Annual Conference of Taiwan Internal Medicine Society 2014.
- 69. <u>Tsai CY</u>. Vitamin D is critical to the immune system. Annual Conference of Taiwan Internal Medicine Society 2014 Nov.
- 70. <u>Tsai CY</u>, Chen WS, Lai CC, Chen MH, Lin HY, Huang DF, Chang DM. Satisfaction for biological DMARDs in patients with rheumatoid arthritis Annual Conference of Taiwan Rheumatology Association 2015 Dec.
- 71. <u>Tsai CY</u>. A prospective study of HLA-B*58:01 genotyping in preventing allopurinol-induced severe cutaneous adverse reactions (SCAR). Annual Conference of Taiwan Internal Medicine Society 2015 Dec.

(C) Other Publications:

- 1. <u>Tsai CY</u>, Wu TH, Sun KH, Yu CL. Effect of antibodies to double stranded DNA, purified from serum samples of patients with active systemic lupus erythematosus, on the glomerular mesangial cells. In: Sergent JS, LeRoy EC, Meenan RF, Panush RS, Reichlin M, eds. *Year Book of Rheumatology*. St. Louis: Mosby-Year Book Inc., 1994: 82-4.
- 2. Sun KH, Liu WT, <u>Tsai CY</u>, Liao TS, Lin WM, Yu CL. Inhibition of astrocyte proliferation and binding to brain tissue of anticardiolipin antibodies purified from lupus serum. In: Sergent JS, LeRoy EC, Meenan RF, Panush RS, Reichlin M, eds. *Year Book of Rheumatology*. St. Louis: Mosby-Year Book Inc., 1994: 148-50.
- 3. <u>Tsai CY</u>. Autoantibodies and autoimmune diseases (in Chinese). Formos J Med 1998;2:533-40.
- 4. <u>Tsai CY</u>. Peculiar myelopathy in a patient with overlap syndrome of rheumatoid and lupus like presentations. In: Anonymous, eds. Current Awareness in Biomedicine. London: Sheffield Academic Press 2001 Volume 1.
- 5. <u>Tsai CY</u>, Yu CL, Wu TH, Lu JY, Lair TS, Tsai YY, Cou CT. Polyclonal anticardiolipin antibodies purified from sera of patients with active systemic lupus erythematosus induce apoptosis of the cultured glomerular mesangial cells. In: Sergent JS, LeRoy EC, Meenan RF, Panush RS, Reichlin M, eds. *Year Book of Rheumatology*. St. Louis: Mosby-Year Book Inc., 2002 (in press).

Footnotes:

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