

個人 CV 所需資料

1. 姓名及大頭照

中野 敏明



2. 工作單位

長庚大學 / 高雄長庚紀念醫院

3. 職稱

副教授 / 合聘副研究員

4. 科別

醫學院 臨床醫學研究所 / 一般外科

5. 辦公室地址：

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7. 電子信箱：

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8. 個人網站

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https://www.researchgate.net/profile/Toshiaki_Nakano

9. 研究領域(可重複選數字填寫)：

46. 移植醫學

22. 免疫

11. 肝臟學

54.過敏學

63.醫學之生化及分子生物

10.工作經歷：

2009年8月至2013年7月

長庚大學醫學院 臨床醫學研究所 助理教授

2008年9月至2009年7月

長庚大學醫學院 臨床醫學研究所 兼任助理教授

2008年1月至2009年7月

高雄長庚紀念醫院 醫學研究部 移植及再生醫學核心實驗室 助研究員

2004年4月至2007年12月

高雄長庚紀念醫院 外科部 博士後研究員

11.學歷：

2001年4月至2014年3月

日本 廣島大學 尖端物質科學研究科 分子生命機能科學專攻 博士

1999年4月至2001年3月

日本 廣島大學 尖端物質科學研究科 分子生命機能科學專攻 碩士

1995年4月至1999年3月

12.殊榮(獲獎消息)：

Poster Award:

- 14th Congress of the Asian Society of Transplantation (Singapore, 2015)
- World Transplant Congress (San Francisco, 2014)
- ILTS 18th Annual International Congress (San Francisco, 2012)
- ILTS 16th Annual International Congress (Hong Kong, 2010)
- ILTS 15th Annual International Congress (New York, 2009)
- XX International Congress of TTS (Vienna, 2004)

Mentee-Mentor Award:

- TTS-ILTS Basic Science Mentor Award (Paris, 2013)

Research Award:

- 長庚研究獎勵金 (2008-2012, 2013-2015, 2018-2019)
- 國科會 (科技部) 補助大專校院獎勵特殊優秀人才獎勵金 (2012-2017)

13.代表論文(至多5篇、不用附IF值)：

- **Nakano T**, Cheng YF, Lai CY, Hsu LW, Chang YC, Deng JY, Huang YZ, Honda H, Chen KD, Wang CC, Chiu KW, Jawan B, Eng HL, Goto

S, and Chen CL. Impact of artificial sunlight therapy on the progress of non-alcoholic fatty liver disease in rats. Journal of Hepatology 2011Dec; 55(2): 415-425.

- Takaoka Y, Goto S, **Nakano T**^{*}, Tseng HP, Yang SM, Kawamoto S, Ono K, and Chen CL. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) prevents lipopolysaccharide (LPS)-induced, sepsis-related severe acute lung injury in mice. Scientific Reports 2014 Jun 6; 4: 5204.
- **Nakano T**^{*}, Chen CL, Goto S^{*}. Nuclear antigens and auto/alloantibody responses: Friend or foe in transplant immunology. Clinical & Developmental Immunology 2013; 2013: 267156.
- **Nakano T**, Goto S, Lai CY, Hsu LW, Takaoka Y, Kawamoto S, Chiang KC, Shimada Y, Ohmori N, Goto T, Sato S, Ono K, Cheng YF, and Chen CL. Immunological aspects and therapeutic significance of an auto-Ab against histone H1 in a rat model of Con A-induced hepatitis. Immunology 2010 Apr.; 129(4): 547-555.
- **Nakano T**, Kawamoto S, Lai CY, Sasaki T, Aki T, Shigeta S, Goto T, Sato S, Goto S, Chen CL, and Ono K. Liver transplantation-induced antihistone H1 autoantibodies suppress mixed lymphocyte reaction. Transplantation 2004 May; 77 (10): 1595-1603.

14.專利(請依以下格式填寫)：

發明 創作 中文 名稱	發明 創作 英文 名稱	編號	申請 人	院區	單位	發明 人	共同 發明 人	種類	證書 號	專利 起	專利 迄

15.學會或專業認證：

- 日本免疫學會 Japanese Society of Immunology
- 移植學會 The Transplantation Society (TTS)
- 國際肝臟移植學會 International Liver Transplantation Society (ILTS)
- 國際肝癌學會 International Liver Cancer Association (ILCA)
- Editorial Board Member, Scientific Reports

16.目前進行中研究計畫的計劃名(起、迄日期)：

- MOST107-2320-B-182-032, 2018/08/01~2019/07/31:
肝腫瘤逃脫免疫監控機制：外吐小體微型核醣核酸與甘油醛-3-磷酸脫氫酶之策反
- CRMPD8F0912, 2017/11/01~2019/03/31:
GAPDH 的新型兼職功能: 免疫調節作用於組蛋白 H1 媒介之發炎反應與腫瘤生成 (2/2)
- MOHW107-TDU-B-212-114022, 2018/01/01~2018/12/31:
第 3 期癌症研究癌症中心計畫-肝臟移植於肝癌治療之應用 (PI: 陳肇隆)
Theme 1-5 (子項計畫負責人)
分子 miR-4669 用於預測肝腫瘤降期治療成敗與肝癌再復發

17. 所有發表期刊論文(不用附 IF 值)：

1. Chiu KW, Goto S, **Nakano T**, Hu TH, Chen DW, Huang KT, Hsu LW, Chen CL. 2018. Genetic polymorphisms of the hepatic pathways of fatty liver disease after living donor liver transplantation. *Liver International* 2018; **38**(12):2287-93.
2. **Nakano T***, Goto S, Takaoka Y, Tseng HP, Fujimura T, Kawamoto S, Ono K, Chen CL. A novel moonlight function of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) for immunomodulation. *Biofactors* 2018; **44**(6):597-603.
3. Chiu KW, **Nakano T**, Hu TH, Chen KD, Hsu LW, Eng HL, Cheng YF, Goto S, Chen CL. Identification of IL-28B genotype modification in hepatocytes after living donor liver transplantation by laser capture microdissection and pyrosequencing analysis. *Biomed Research International* 2018; **2018**:4508085.
4. Chiu KW, **Nakano T**, Chen KD, Hu TH, Lin CC, Hsu LW, Chen CL, Goto S. Identification of IL-28B genotype modification in hepatocytes after living donor liver transplantation by laser capture microdissection and pyrosequencing analysis. *Biomed Research International* 2018; **2018**:1826140.
5. Goto S, **Nakano T**, Chen CL, Chiu KW, Hsu LW, I S, Chen IH, Huang KT, Chen DW, Goto T, Omori N, Sato S, Kai H, Tsuruta W, Kai M, Bahau SP, Takaoka Y, Tane E, Yuyama K, Wano C, Inoue E, Lord R, Iida K. *POJ Nursing Practice & Research* 2018; **2**(1):1-5.
6. Chen CC, Hsu LW, Huang KT, Goto S, Chen CL, **Nakano T***. Overexpression of Insig-2 inhibits atypical antipsychotic-induced

adipogenic differentiation and lipid biosynthesis in adipose-derived stem cells. *Scientific Reports* 2017; **7**(1):10901.

7. **Nakano T***, Hsu LW, Lai CY, Takaoka Y, Inomata M, Kitano S, Chen CL, Goto S*. Therapeutic potential of γ -lipoic acid derivative, sodium zinc histidine dithiooctanamide (DHL-HisZn), in a mouse model of allergic rhinitis. *International Forum of Allergy & Rhinology* 2017; **7**(11):1095-1103.
8. Li LC, Hsu CN, Lin CC, Cheng YF, Hu TH, Chen DW, Lee CH, **Nakano T**, Chen CL. Proteinuria and baseline renal function predict mortality and renal outcomes after sirolimus therapy in liver transplantation recipients. *BMC Gastroenterology* 2017; **17**(1):58.
9. Goto S*, **Nakano T***, Hsu LW, Chiang KC, Shimada Y, Goto T, Ohmori N, Sato S, Takaoka Y, Magari Y, Kawamoto S, Chen CL*. The Significance of a Nuclear Protein as a Moonlight Protein: Diagnostic and Therapeutic Potentials in Liver Transplantation. *International Journal of Surgery & Surgical Procedures* 2017; **2**:116.
10. **Nakano T***, Chen IH, Goto S, Lai CY, Tseng HP, Hsu LW, Chiu KW, Lin CC, Wang CC, Cheng YF, Chen CL*. Hepatic miR-301a as a Liver Transplant Rejection Biomarker? And Its Role for Interleukin-6 Production in Hepatocytes. *OMICS* 2017; **21**(1):55-66.
11. Chen CC, Hsu LW, **Nakano T**, Huang KT, Chen KD, Lai CY, Goto S*, Chen CL*. DHL-HisZn, a novel antioxidant, enhances adipogenic differentiation and antioxidative response in adipose-derived stem cells. *Biomed Pharmacother* 2016; **84**:1601-9.
12. Chiu KW, **Nakano T**, Chen KD, Lin CC, Hu TH, Goto S, Chen CL. Association of IL28B SNPs rs12979860 and rs8099917 on Hepatitis C Virus-RNA Status in Donors/Recipients of Living Donor Liver Transplantation. *PLoS One* 2016; **11**(6): e0156846.
13. **Nakano T***, Kamei R, Fujimura T, Takaoka Y, Hori A, Lai CY, Chiang KC, Shimada Y, Ohmori N, Goto T, Ono K, Chen CL, Goto S, Kawamoto S. Impact of Histone H1 on the Progression of Allergic Rhinitis and Its Suppression by Neutralizing Antibody in Mice. *PLoS One* 2016; **11**(4): e0153630.
14. Chen KD, Huang KT, Lin CC, Weng WT, Hsu LW, Goto S, **Nakano T**, Lai CY, Kung CP, Chiu KW, Wang CC, Cheng YF, Ma YY, Chen CL. MicroRNA-27b Enhances the Hepatic Regenerative Properties of

Adipose-Derived Mesenchymal Stem Cells. *Molecular Therapy – Nucleic Acids* 2016; **5**(2): e285.

15. Chiu KW, **Nakano T**, Chen KD, Hsu LW, Lai CY, Huang CY, Cheng YF, Goto S, Chen CL. Repeated-measures implication of hepatocellular carcinoma biomarkers in living donor liver transplantation. *PLoS One* 2015; **10**(5): e0124943.
16. Chiu KW, **Nakano T**, Chen KD, Hsu LW, Lai CY, Huang CY, Cheng YF, Goto S, Chen CL. Cytochrome P450 in living donor liver transplantation. *Journal of Biomedical Science* 2015; **22**: 32.
17. Kusano T, Chiang KC, Inomata M, Shimada Y, Ohmori N, Goto T, Sato S, Goto S, **Nakano T**, Kawamoto S, Takaoka Y, Shiraishi N, Noguchi T, Kitano S. A novel anti-histone H1 monoclonal antibody, SSV monoclonal antibody, improves lung injury and survival in a mouse model of lipopolysaccharide-induced sepsis like syndrome. *BioMed Research International* 2015; **2015**: 491649.
18. Tsai MC, Chen KD, Wang CC, Huang KT, Wu CH, Kuo IY, Chen LY, Hu TH, Goto S, **Nakano T**, Dorling S, McVey JH, Chen CL, Lin CC. Factor VII promotes hepatocellular carcinoma progression through ERK-TSC signaling. *Cell Death Discovery* 2015; **1**:15051.
19. Hsu LW, **Nakano T**, Chen KD, Chen CC, Lai CY, Huang KT, Yang SM, Lin CC, Wang CC, Cheng YF, Chiu KW, Kuo YR, Goto S, Chen CL. Prolonged survival by combined treatment with granulocyte colony-stimulating factor (G-CSF) and dipeptidyl peptidase IV (DPP-IV) inhibitor in a rat small-for-size liver transplantation. *Hepatology Research* 2015; **45**(7): 804-13.
20. Takaoka Y, Goto S, **Nakano T***, Tseng HP, Yang SM, Kawamoto S, Ono K, Chen CL. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) prevents lipopolysaccharide (LPS)-induced, sepsis-related severe acute lung injury in mice. *Scientific Reports* 2014; **4**: 5204.
21. Chen KD, Wang CC, Tsai MC, Wu CH, Yang HJ, Chen LY, **Nakano T**, Goto S, Huang KT, Hu TH, Chen CL, Lin CC. 2014. Interconnections between autophagy and the coagulation cascade in hepatocellular carcinoma. *Cell Death & Disease* 2014; **5**: e1244.
22. Chen KD, Hsu LW, Goto S, Huang KT, **Nakano T**, Weng WT, Lai CY, Kuo YR, Chiu KW, Wang CC, Cheng YF, Lin CC, Ma YY, Chen CL. 2014. Regulation of heme oxygenase 1 expression by miR-27b with stem cell therapy for liver regeneration in rats.

Transplantation Proceedings 2014; **46**(4): 1198-200.

23. Chen CC, Hsu LW, **Nakano T**, Goto S, Chen CL. 2014. Elevation of C-reactive protein level and its correlation with psychiatric comorbidities in recipients after liver transplantation. *Transplantation Proceedings* 2014; **46**(3): 894-6.
24. **Nakano T***, Goto S, Lai CY, Hsu LW, Tseng HP, Chen KD, Chiu KW, Wang CC, Cheng YF, Chen CL. Induction of antinuclear antibodies by de novo autoimmune hepatitis regulates alloimmune responses in rat liver transplantation. *Clinical & Developmental Immunology* 2013; **2013**: 413928.
25. Chiu KW, **Nakano T**, Chen KD, Hsu LW, Lai CY, Chiu HC, Huang CY, Cheng YF, Goto S, Chen CL. Homogeneous phenomenon of the graft when using different genotype characteristic of recipients/donors in living donor liver transplantation. *World Journal of Hepatology* 2013; **5**(11):642-8.
26. Hiratsuka T, Inomata M, Goto S, Oyama Y, **Nakano T**, Chen CL, Shiraishi N, Noguchi T, and Kitano S. Phototherapy with artificial light suppresses dextran sulfate sodium-induced colitis in a mouse model. *Journal of Gastroenterology and Hepatology* 2014; **29**(4): 749-56.
27. Chiu KW, **Nakano T**, Chen KD, Lai CY, Hsu LW, Chiu HC, Huang CY, Cheng YF, Goto S, Chen CL. Pyrosequencing to identify homogenous phenomenon when using recipients/donors with different CYP3A5*3 genotypes in living donor liver transplantation. *PLoS One* 2013; **8**(8): e71314.
28. **Nakano T***, Chen CL, and Goto S. Nuclear antigens and auto/alloantibody responses: Friend or foe in transplant immunology. *Clinical & Developmental Immunology* 2013; **2013**: 267156.
29. Chiu KW, Hu TH, **Nakano T**, Chen KD, Lai CY, Hsu LW, Tseng HP, Chiu HC, Cheng YF, Goto S, Chen CL. Biological interactions of CYP2C19 genotypes with CYP3A4*18, CYP3A5*3, and MDR1-3435 in living donor liver transplantation recipients. *Transplantation Research* 2013; **2**(1): 6.
30. Chen KD, Goto S, Hsu LW, Lin TY, **Nakano T**, Lai CY, Chang YC, Weng WT, Kuo YR, Wang CC, Cheng YF, Ma YY, Lin CC, and Chen CL. Identification of miR-27b as a novel signature from the mRNA profiles of adipose-derived mesenchymal stem cells involved in the tolerogenic response. *PLoS One* 2013; **8**(4): e60492.
31. Takaoka Y, Kawamoto S, Katayama A, **Nakano T**, Yamanaka Y, Takahashi M, Shimada Y, Chiang KC, Ohmori N, Aki T, Goto T, Sato S, Goto S, Chen CL, and Ono K. Unexpected T cell regulatory

activity of anti-histone H1 autoantibody: Its mode of action in regulatory T cell-dependent and –independent manners. *Biochemical and Biophysical Research Communications* 2013; **431**(2): 246-252.

32. Hsu LW, Goto S, **Nakano T**, Chen KD, Wang CC, Lai CY, Hou CH, Chang YC, Cheng YF, Chiu KW, Chen CC, Chen SH, and Chen CL. The effect of exogenous histone H1 on rat adipose-derived stem cell proliferation, migration, and osteogenic differentiation in vitro. *Journal of Cellular Physiology* 2012; **227**(10): 3417-25.
33. **Nakano T***, Lai CY, Goto S, Hsu LW, Kawamoto S, Ono K, Chen KD, Lin CC, Chiu KW, Wang CC, Cheng YF, and Chen CL. Immunological and regenerative aspects of hepatic mast cells in liver allograft rejection and tolerance. *PLoS One* 2012; **7**(5): e37202.
34. Chiu KW, **Nakano T**, Tseng HP, Cheng YF, Jawan B, Goto S, and Chen CL. CYP2C19 activity of liver tissues in Western blot analysis on living donor liver transplantation. *Hepato-Gastroenterology* 2012; **59**(115): 805-8.
35. Chiu KW, **Nakano T**, Hu TH, Tseng HP, Cheng YF, Jawan B, Eng HL, Goto S, and Chen CL. Homogenous phenomenon of graft liver CYP2C19 genotypes after living donor liver transplantation. *European Journal of Clinical Investigation* 2012; **42**(4): 352-6.
36. Goto S, **Nakano T**, Hsu LW, Chiang KC, Lai CY, Kawamoto S, Ono K, Chen KD, Ohmori N, Goto T, Sato S, Kuo YR, Wang CC, Jawan B, Cheng YF, and Chen CL. Autoimmunity and liver transplantation immunology. *Current Trends in Immunology* 2011; **12**: 1-11.
37. Chen KD, Hsu LW, Goto S, Yeh CW, **Nakano T**, Lai CY, Chang YC, Hou CH, Wang CC, Cheng YF, Chiu KW, Lin CC, Chen CL. Adaptor protein Shc acts as an immune-regulator for the LPS-stimulated maturation of bone marrow-derived dendritic cells. *BMC Immunology* 2011; **12**: 32.
38. **Nakano T**, Cheng YF, Lai CY, Hsu LW, Chang YC, Deng JY, Huang YZ, Honda H, Chen KD, Wang CC, Chiu KW, Jawan B, Eng HL, Goto S, and Chen CL. Impact of artificial sunlight therapy on the progress of non-alcoholic fatty liver disease in rats. *Journal of Hepatology* 2011; **55**(2): 415-425.
39. Chiu KW, **Nakano T**, Hu TH, Tseng HP, Cheng YF, Jawan B, Eng HL, Goto S, and Chen CL. CYP2C19 genotypes and graft pathology

- after LT. *Annals of Transplantation* 2010; **15**(4): 38-43.
40. Huang CJ, Chen CL, Goto S, Lai CY, Kao YS, Wang CH, Eng HL, Concejero AM, Wang CC, Cheg YF, Cheng KW, **Nakano T**, Jawan B. Effects of hemorrhagic shock in early and late posthepatectomy rats. *Transplantation Proceedings* 2010; **42**(3): 980-982.
41. Chiu KW, Tai WC, **Nakano T**, Tseng HP, Cheng YF, Jawan B, Goto S, and Chen CL. Donor graft does not affect the P450 2C19 genotype expressed in peripheral blood in recipients of living donor liver transplantation. *Clinical Transplantation* 2010; **24**(6): 830-834.
42. **Nakano T**, Goto S, Lai CY, Hsu LW, Takaoka Y, Kawamoto S, Chiang KC, Shimada Y, Ohmori N, Goto T, Sato S, Ono K, Cheng YF, and Chen CL. Immunological aspects and therapeutic significance of an auto-Ab against histone H1 in a rat model of Con A-induced hepatitis. *Immunology* 2010; **129**(4): 547-555.
43. Kao YH, Jawan B, Goto S, Pan MC, Lin YC, Sun CK, Hsu LW, Tai MH, Cheng YF, **Nakano T**, Wang CS, Huang CJ, and Chen CL. Serum factors potentiate hypoxia-induced hepatotoxicity in vitro through increasing transforming growth factor-beta1 activation and release. *Cytokine* 2009; **47**(1):11-22.
44. Chiang KC, Shimada Y, **Nakano T**, Lai CY, Hsu LW, Goto S, Ohmori N, Mori K, Miyagi T, Seiji Kawamoto S, Ono K, Chen CL, Goto T, and Sato S. A Novel Peptide Mimotope Identified as a Potential Immunosuppressive Vaccine for Organ Transplantation. *Journal of Immunology* 2009; **182**(7): 4282-4288.
45. Lin YC, Goto S, Tateno C, Kao YH, Cheng YF, Jawan B, **Nakano T**, Hsu LW, Lai CY, Yoshizato K, and Chen CL. Induction of Indoleamine 2, 3-Dioxygenase in Livers Following Hepatectomy Prolongs Survival of Allogeneic Hepatocytes after Transplantation. *Transplantation Proceedings* 2008; **40**: 2706-2708.
46. Kao YH, Jawan B, Goto S, Hung CT, Lin YC, **Nakano T**, Hsu LW, Lai CY, Tai MH, Chen CL. High-Mobility Group Box 1 Protein Activates Hepatic Stellate Cells In Vitro. *Transplantation Proceedings* 2008; **40**: 2704-2705.
47. **Nakano T**, Lai CY, Goto S, Hsu LW, Huang TL, Chen TY, Tsang LC, Chen CL, and Cheng YF. Significance of portosystemic shunt on graft survival in liver transplantation: A rat model. *Transplantation Proceedings* 2008; **40**: 2515-2516.

48. **Nakano T**, Goto S, Lai CY, Hsu LW, Wong JL, Kawamoto S, Chiang KC, Ohmori N, Goto T, Sato S, Yang CH, Wang CC, Jawan B, Cheng YF, Ono K, and Chen CL. Involvement of autoimmunity against nuclear histone H1 in liver transplantation tolerance. *Transplant Immunology* 2008; **19**(2): 87-92.
49. Hsu LW, Chen CL, **Nakano T**, Lai CY, Chiang KC, Lin YC, Kao YH, Chen SH, Goto T, Sung WC, Yang CH, Cheng YF, Jawan B, Chiu KW, and Goto S. The role of a nuclear protein, histone H1 on signaling pathways for the maturation of dendritic cells. *Clinical and Experimental Immunology* 2008; **152**: 576-584.
50. Jawan B, Kao YH, Goto S, Pan MC, Lin YC, Hsu LW, **Nakano T**, Lai CY, Sun CK, Cheng YF, Tai MH, Eng HL, Wang CS, Huang CJ, and Chen CL. Propofol pretreatment attenuates LPS-induced granulocyte-macrophage colony-stimulating factor production in cultured hepatocytes by suppressing MAPK/ERK activity and NF- κ B translocation. *Toxicology and Applied Pharmacology* 2008; **229**(3): 362-373.
51. Yamanaka Y, Kawamoto S, Katayama A, Kiso T, Aki T, **Nakano T**, Ohmori N, Goto T, Sato S, Chiang J, Shimada Y, Goto S, Chen CL, and Ono K. Anti-histone H1 autoantibody directly acts on T cells to exert its immunosuppressive activity. *Animal Cell Technology: Basic & Applied Aspects* 2008; **15**: 153-158.
52. Katayama A, Kawamoto S, Yamanaka Y, Kiso T, Aki T, **Nakano T**, Ohmori N, Goto T, Sato S, Chiang J, Shimada Y, Goto S, Chen CL, and Ono K. Anti-histone H1 autoantibody: An inducible immunosuppressive factor in liver transplantation. *Animal Cell Technology: Basic & Applied Aspects* 2008; **15**: 145-151.
53. Lin YC, Chen CL, **Nakano T**, Goto S, Kao YH, Hsu LW, Lai CY, Jawan B, Cheng YF, Tateno C, and Yoshizato K. The immunological role of indoleamine 2, 3-dioxygenase in rat liver allograft rejection and tolerance. *Journal of Gastroenterology and Hepatology* 2008; **23**(7 Pt 2): e243-50.
54. Shimada Y, Goto T, Kawamoto S, Kiso T, Katayama A, Yamanaka Y, Aki T, Chiang KC, **Nakano T**, Goto S, Chen CL, Ohmori N, Ono K, and Sato S. Development of a two-step chromatography procedure that allows the purification of a high-purity anti-histone H1 monoclonal immunoglobulin M antibody with immunosuppressant activity. *Biomedical Chromatography* 2008;

22: 13-19.

55. Kao YH, Goto S, Jawan B, **Nakano T**, Hsu LW, Lin YC, Pan MC, Lai CY, Sun CK, Cheng YF, Tai MH, Huang HT, and Chen CL. Heat preconditioning ameliorates hepatocyte viability after cold preservation and rewarming, and modulates its immunoactivity. *Transplant Immunology* 2008; **18** (3): 220-231.
56. Hsu LW, Yang CH, Goto S, **Nakano T**, Lai CY, Lin YC, Kao YH, Chen SH, Cheng YF, Jawan B, Chiu KW, and Chen CL. The effects of suplastat tosilate (IPD-1151T) on innate immunity and antigen presenting cells. *Transplant Immunology* 2007; **18** (2): 108-114.
57. **Nakano T**, Goto S, Lai CY, Hsu LW, Kao YH, Lin YC, Kawamoto S, Chiang KC, Ohmori N, Goto T, Sato S, Jawan B, Cheng YF, Ono K, and Chen CL. Experimental and clinical significance of anti-nuclear antibodies in liver transplantation. *Transplantation* 2007; **83** (8): 1122-1125.
58. **Nakano T**, Goto S, Lai CY, Hsu LW, Ono K, Kawamoto S, Lin YC, Kao YH, Chiang KC, Ohmori N, Goto T, Sato S, Tu CH, Jawan B, Cheng YF, and Chen CL. Impact of vaccine therapy using nuclear histone H1 on allograft survival in experimental organ transplantation. *Transplant Immunology* 2007; **17** (3): 147-152.
59. Hsu LW, Goto S, **Nakano T**, Lai CY, Lin YC, Kao YH, Chen SH, Cheng YF, Jawan B, Chiu KW, and Chen CL. Immunosuppressive activity of serum taken from a liver transplant recipient after withdrawal of immunosuppressants. *Transplant Immunology* 2007; **17** (2): 137-146.
60. **Nakano T**, Chen CL, Goto S, Lai CY, Hsu LW, Kawamoto S, Sasaki T, Lin YC, Kao YH, Ohmori N, Goto T, Sato S, Jawan B, Ono K, and Cheng YF. The immunological role of lipid transfer/metabolic proteins in liver transplantation tolerance. *Transplant Immunology* 2007; **17** (2): 130-136.
61. **Nakano T**, Lai CY, Goto S, Hsu LW, Lin YC, Kao YH, Kawamoto S, Chiang KC, Ohmori N, Goto T, Sato S, Ono K, Jawan B, Cheng YF, and Chen CL. The role of anti-nuclear antibodies in experimental and clinical liver transplantation. *Transplantation Proceedings* 2006; **38** (10): 3605-3606.
62. **Nakano T**, Ono K, Goto S, Lai CY, Hsu LW, Kawamoto S, Lin YC, Kao YH, Chiang KC, Ohmori N, Goto T, Sato S, Jawan B, Cheng YF, and Chen CL. Histone H1 vaccine therapy for overcoming the acute

- rejection in experimental organ transplantation. *Transplantation Proceedings* 2006; **38** (10): 3247-3248.
63. Hsu LW, Goto S, **Nakano T**, Lai CY, Kao YH, Lin YC, Kawamoto S, Ono K, Lord R, Goto T, Ohmori N, Sato S, Chiang KC, Chen SH, Jawan B, Cheng YF, Chiu KW, and Chen CL. The effects of anti-histone H1 antibody on immune cells responsible for rejection reaction. *Molecular Immunology* 2005; **42** (10): 1155-1164.
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