

*田祐霖醫師

所有發表期刊論文及專書

五年內論文發表 (2009-2014): 59 篇

1. Publications:

A. 國內論文發表

第一作者 (1 篇)

1. 田祐霖. 腎臟替代療法在兒科的臨床應用. 腎臟與透析雜誌 25(4): 255-8, 2013

B. 國外論文發表

第一作者 (15 篇)

2. **Tain YL**, Hsieh CS, Lin IC, Chen CC, Sheen JM, Huang LT*. Effects of maternal l-citrulline supplementation on renal function and blood pressure in offspring exposed to maternal caloric restriction: The impact of nitric oxide pathway. Nitric Oxide. 23:34-41, 2010.
3. **Tain YL**, Hsieh CS, Chen CC, Sheen JM, Lee CT, Huang LT*. Melatonin prevents increased asymmetric dimethylarginine in young rats with bile duct ligation. J Pineal Res 48: 212-221, 2010
4. **Tain YL**, Kao YH, Hsieh CS, Chen CC, Sheen JM, Lin IC, Huang LT*. Melatonin blocks oxidative stress-induced increased asymmetric dimethylarginine. Free Radic Biol Med 49:1088-1098, 2010
5. **Tain YL***, Huang LT, Lin IC, Lau YT, Lin CY. Melatonin prevents hypertension and increased asymmetric dimethylarginine in young spontaneous hypertensive rats. J Pineal Res. 49: 390-398, 2010.
6. **Tain YL***, Ghosh S, Krieg RJ, Baylis C. Reciprocal changes of renal neuronal nitric oxide synthase- α and - β associated with renal progression in a neonatal 5/6 nephrectomized rat model. Pediatr Neonatol 52:66-72, 2011.
7. **Tain YL***, Huang LT. Asymmetric dimethylarginine: Clinical applications in pediatric medicine. J Formos Med Assoc. 110(2):70-77, 2011
8. **Tain YL***, Hsu CN, Lin CY, Huang LT, Lau YT. Aliskiren prevents hypertension and reduces asymmetric dimethylarginine in young spontaneously hypertensive rats. Eur J Pharmacol 670:561-565, 2011
9. **Tain YL***, Hsu CN, Huang LT, Lau YT. Apocynin attenuates oxidative stress and hypertension in young spontaneously hypertensive rats independent of ADMA/NO pathway. Free Radical Res. 46: 68-76, 2012.
10. **Tain YL**, Chen CC, Lee CT, Kao YH, Sheen JM, Yu HR, Huang LT*. Melatonin regulates L-arginine transport and NADPH oxidase in young rats with bile-duct ligation: role of protein kinase C. Pediatr Res. 73(4-1):395-401, 2013.

11. **Tain YL***, Lee WC, Hsu CN, Lee WC, Huang LT, Lee CT, Lin CY. Asymmetric dimethylarginine is associated with developmental programming of adult kidney disease and hypertension in offspring of streptozotocin-treated mothers. *PLoS ONE* 8(2): e55420, 2013.
12. **Tain YL**, Chen CC, Sheen JM, Yu HR, Tiao MM, Kuo HC, Huang LT. Melatonin attenuates prenatal dexamethasone-induced blood pressure increase in a rat model. *J Am Soc Hypertens* 8(4):216-26, 2014.
13. **Tain YL**, Sheen JM, Chen CC, Yu HR, Tiao MM, Kuo HC, Huang LT. Maternal citrulline supplementation prevents prenatal dexamethasone-induced programmed hypertension. *Free Radic Res.* 48(5): 580–586, 2014 .
14. **Tain YL**, Huang LT, Hsu CN, Lee CT. Melatonin Therapy Prevents Programmed Hypertension and Nitric Oxide Deficiency in Offspring Exposed to Maternal Caloric Restriction. *Oxidative Medicine and Cellular Longevity* Volume 2014, Article ID 283180.
15. **Tain YL**, Leu S, Wu KL, Lee WC, Chan JY. Melatonin prevents maternal fructose intake-induced programmed hypertension in the offspring: Roles of nitric oxide and arachidonic acid metabolites. *J Pineal Res.* 57(1):80-9, 2014
16. **Tain YL**, Huang LT. Restoration of asymmetric dimethylarginine-nitric oxide balance to prevent the development of hypertension. *Int J Mol Sci* 15(7):11773-82, 2014

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17. Huang LT, Chen CC, Sheen JM, Chen YJ, Hsieh CS, **Tain YL***. The Interaction between High Ammonia Diet and Bile Duct Ligation in Developing Rats: Assessment by Spatial Memory and Asymmetric Dimethylarginine. *Int J Dev Neurosci* 28: 169-174, 2009.
18. Sheen JM, Huang LT, Hsieh CS, Chen CC, Wang JY, **Tain YL***. Bile duct ligation in developing rats: temporal progression of liver, kidney, and brain damage. *J Pediatr Surg* 45: 1650-1658, 2010.
19. Hsu CN, Huang LT, Lau YT, Lin CY, **Tain YL***. The combined ratios of L-arginine, asymmetric and symmetric dimethylarginine as biomarkers in spontaneously hypertensive rats. *Transl Res*, 159:90-98, 2012
20. Huang LT, Hung JF, Chen CC, Hsieh CS, Yu HR, Hsu CN, **Tain YL***. Endotoxemia exacerbates kidney injury and increases asymmetric dimethylarginine in young bile duct-ligated rats. *Shock.* 37: 441-8, 2012.
21. Lin YJ, Hsu CN, Lo MH, Huang CF, Chien SJ, **Tain YL***. High Citrulline-to-Arginine Ratio Associated With Blood Pressure Abnormalities in Children With Early Chronic Kidney Disease *Cir J* 77:181-7, 2013.

22. Kuo HC, Hsu CN, Huang CF, Lo MH, Chien SJ, **Tain YL***. Urinary arginine methylation index associated with ambulatory blood pressure abnormalities in children with chronic kidney disease. *J Am Soc Hypertens*, 6: 385-92, 2012.
23. Huang CF, Hsu CN, Chien SJ, Lin YJ, Huang LT, **Tain YL***. Aminoguanidine attenuates hypertension, whereas 7-nitroindazole exacerbates kidney damage in spontaneously hypertensive rats: The role of nitric oxide. *Eur J Pharmacol* 699:233-40, 2013
24. Huang LT, Hsieh CS, Chang KA, **Tain YL***. Roles of Nitric Oxide and Asymmetric Dimethylarginine in Pregnancy and Fetal Programming. *Int J Mol Sci* 13: 14606-22, 2012
25. Fan NC, Tsai CM, Hsu CN, Huang LT, **Tain YL***. N-acetylcysteine prevents hypertension via regulation of the ADMA-DDAH pathway in young spontaneously hypertensive rats. *BioMed Research International* (formerly titled *Journal of Biomedicine and Biotechnology*), Volume 2013, Article ID 696317
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27. Chien SJ, Lin KM, Kuo HC, Huang CF, Lin YJ, Huang LT, **Tain YL***. Two different approaches to restore renal nitric oxide and prevent hypertension in young spontaneously hypertensive rats: L-citrulline and nitrate. *Transl Res* 163 (1):43-52, 2014
28. Hsu CN, Lee CT, Huang LT, **Tain YL***. Aliskiren in early postnatal life prevents hypertension and reduces asymmetric dimethylarginine in offspring exposed to maternal caloric restriction. *J Renin Angiotensin Aldosterone Syst.* 2014 in Press.
29. Sheen JM, Chen YC, **Tain YL***, Huang LT*. Increased circulatory asymmetric dimethylarginine and multiple organ failure: bile duct ligation in rat as a model. *Int J Mol Sci* 15(3):3989-4006, 2014.
30. Yu HR, Kuo HC, Chen CC, Sheen JM, Tiao MM, **Tain YL***, Huang LT*. L-arginine modulates neonatal lymphocyte proliferation through IL-2 independent pathway. *Immunology.* 2014 in Press
31. Cheng MC, Wu TH, Huang LT, **Tain YL***. Renoprotective Effects of Melatonin in Young Spontaneously Hypertensive Rats with L-NAME. *Pediatr Neonatol.* 55: 189-195, 2014
32. Fan NC, **Tain YL***. Sonographic Finding of Persistent Renal Pelvic Wall

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33. Tsai CM, Kuo HC, Hsu CN, Huang LT, **Tain YL***. Metformin reduces asymmetric dimethylarginine and prevents hypertension in spontaneously hypertensive rats. *Transl Res*, 2014 in Press.
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35. Huang LT, Tiao MM, **Tain YL**, Chen CC, Hsieh CS*. Melatonin ameliorates bile duct ligation-induced systemic oxidative stress and spatial memory deficit in developing rats. *Pediatr Res*, 65: 176-80, 2009.
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39. Lu CC, **Tain YL**, Yeung KW, Tiao MM*. Ectopic pelvic kidney with urinary tract infection presenting as lower abdominal pain in a child. *Pediatr Neonatol.* 52:117-20, 2011.
40. Chen IL, Huang HC*, Lee SY, Liu CA, **Tain YL**, Ou-Yang MC, Chao PH. Urachal Catheter Provides New Choice for Long-term Urinary Diversion in Prune Belly Syndrome. *Urology* 77(2):466-8, 2011
41. Hsieh CS, **Tain YL**, Chen YC, Chang K, Jean YH, Huang LT*. Carbon dioxide pneumoperitoneum induces anti-inflammatory response and hepatic oxidative stress in young rats with bacterial peritonitis. *Pediatr Surg Int.* 27(3):289-94, 2011
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47. Chen YC, Sheen JM, **Tain YL**, Chen CC, Tiao MM, Huang YH, Hsieh CS, Huang LT. Alterations in NADPH oxidase expression and blood-brain barrier in bile duct ligation-treated young rats: effects of melatonin. *Neurochem Int*. 2012 Jun;60(8):751-8.
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51. Chen YC, Sheen JM, Tiao MM, **Tain YL**, Huang LT. Roles of Melatonin in Fetal Programming in Compromised Pregnancies. *Int J Mol Sci* 2013, 14(3), 5380-5401.
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53. Ng HY, **Tain YL**, Hsu CY, Chiou TT, Lee CT. Renin angiotensin system blockade ameliorates lead nephropathy. *Biochemical and Biophysical Research Communications* 2013 Aug 23;438(2):359-63.
54. Lin IC, Sheen JM, **Tain YL**, Chou MH, Huang LT, Yang KD. Vascular Endothelial Growth Factor-A in Lactobacillus Casei Cell Wall Extract-Induced Coronary Arteritis of a Murine Model. *Circ J*. 2014 Feb 25;78(3):752-62.
55. Lee CT, Hsu CY, **Tain YL**, Ng HY, Cheng BC, Yang CC, Wu CH, Chiou TT, Lee YT, Liao SC. Effects of AST-120 on Blood Concentrations of Protein-Bound Uremic Toxins and Biomarkers of Cardiovascular Risk in Chronic Dialysis

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56. Wu TH, Kuo HC, **Tain YL**, Lin KM, Kuo HC, Chien SJ. Common carotid artery intima-media thickness is useful for diagnosis of the acute stage of Kawasaki disease. BMC Pediatr. 2014;14:98.
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 58. Huang YH, **Tain YL**, Lee CP, Kuo HC. Asymmetric and Symmetric Dimethylarginine Are Associated with Coronary Artery Lesions in Kawasaki Disease. J Pediatr ;165(2):295-9, 2014
 59. Yu HR, Kuo HC, Chen CC, Sheen JM, Tiao MM, Chen YC, Chang KA, **Tain YL**, Huang LT. Prenatal dexamethasone exposure in rats results in long-term epigenetic histone modifications and tumor necrosis factor- α production decrease. Immunology. 2014 in Press.

2. Books

1. 林清淵、邱益煊、邱元佑、田祐霖、王馨慧、王一帆，2011 腎臟健康論壇之共識與建言，財團法人國家衛生研究院，2011.12
2. Tain YL, Huang LT. The Use of Melatonin against Oxidative Stress in Pediatric Disorders. Oxidative Stress in Applied Basic Research and Clinical Practice - Pediatric Disorders, Springer Science+Business Media, 2014 In press.