



NAME
李繼源
Li, Chi-Yuan

POSITION TITLE
Professor

EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
National Defense Medical Center Taipei, Taiwan, ROC	M.D.	1984	Medicine
National Defense Medical Center	M.S.	1987	Neuroscience
Massachusetts General Hospital, Harvard Medical School, Boston	Research Fellow	1994-1995	Anesthesiology

CURRENT POSITIONS

Professor, Graduate Institute of Biomedical Sciences, China Medical University, Taiwan, ROC.

Professor, Graduate Institute of Clinical Medical Sciences, China Medical University, Taiwan, ROC.

Professor, Department of Anesthesiology, China Medical University and Hospital, Taiwan, ROC.

Vice Chairman, Department of Medical Research, China Medical University and Hospital, Taiwan, ROC.

RESEARCH INTEREST

Neuroscience

Inflammation research

Critical Care and Emergency Medicine

Anesthesiology

PEER-REVIEWED PUBLICATIONS

- [1]Yu TM, Lin CC, Shu KH, Chuang YW, Huang ST, Chen CH, Wu MJ, Chung MC, Chang CH, Li CY, Chung CJ. Increased risk of hepatic complications in kidney transplantation with chronic virus hepatitis infection: A nationwide population-based cohort study. *Scientific Reports* 2016;6.
- [2]Sun KT, Tsai CW, Chang WS, Shih LC, Chen LY, Tsai MH, Ji HX, Hsiao CL, Liu YC, Li CY, Bau DT. The Contribution of Matrix Metalloproteinase-1 Genotype to Oral Cancer Susceptibility in Taiwan. *In Vivo* 2016;30:439-44.
- [3]Sun KT, Chen SC, Li YF, Chiang HH, Tsai HH, Li CY, Tu MG. Bite-force difference among obese adolescents in central Taiwan. *Journal of the Formosan Medical Association* 2016;115:404-10.
- [4]Wang IK, Sun KT, Tsai TH, Chen CW, Chang SS, Yu TM, Yen TH, Lin FY, Huang CC, Li CY. MiR-20a-5p mediates hypoxia-induced autophagy by targeting ATG16L1 in ischemic kidney injury. *Life Sciences* 2015;136:133-41.
- [5]Sun KT, Chen MYC, Tu MG, Wang IK, Chang SS, Li CY. MicroRNA-20a regulates autophagy related protein-ATG16L1 in hypoxia-induced osteoclast differentiation. *Bone* 2015;73:145-53.
- [6]Liu JC, Tsai CW, Hsu CM, Chang WS, Li CY, Liu SP, Shen WC, Bau DT. Contribution of Double Strand Break Repair Gene XRCC3 Genotypes to Nasopharyngeal Carcinoma Risk in Taiwan. *Chinese Journal of Physiology* 2015;58:64-71.

- [7]Lin TC, Lin FY, Lin YW, Hsu CH, Huang GS, Wu ZF, Tsai YT, Lin CY, Li CY, Tsai CS. Matrix Metalloproteinase-9 Production following Cardiopulmonary Bypass Was Not Associated with Pulmonary Dysfunction after Cardiac Surgery. *Mediators of Inflammation* 2015.
- [8]Ho CM, Ho MW, Li CY, Lu JJ. Fine typing of methicillin-resistant *Staphylococcus aureus* isolates using direct repeat unit and staphylococcal interspersed repeat unit typing methods. *Journal of Microbiology Immunology and Infection* 2015;48:370-5.
- [9]Yu TM, Li CY. PREGNANCY AND THE SUBSEQUENT RISK OF END STAGE RENAL FAILURE IN PATIENTS WITH SYSTEMIC LUPUS ERYTHEMATOSUS: A NATIONWIDE POPULATION-BASED COHORT STUDY. *Nephrology Dialysis Transplantation* 2014;29:130-1.
- [10]Tsai JC, Lin YW, Huang CY, Lin CY, Tsai YT, Shih CM, Lee CY, Chen YH, Li CY, Chang NC, Lin FY, Tsai CS. The Role of Calpain-Myosin 9-Rab7b Pathway in Mediating the Expression of Toll-Like Receptor 4 in Platelets: A Novel Mechanism Involved in alpha-Granules Trafficking. *Plos One* 2014;9.
- [11]Tien CL, Yu KC, Tsai TY, Lin CS, Li CY. Measurement of surface roughness of thin films by a hybrid interference microscope with different phase algorithms. *Applied Optics* 2014;53:H213-H9.
- [12]Shih CM, Chen YH, Yi Wen L, Tsao NW, Wu SC, Kao YT, Chiang KH, Li CY, Chang NC, Lin CY, Huang CY, Lin FY. MK-0626, A Dipeptidyl Peptidase-4 Inhibitor, Improves Neovascularization by Increasing Both the Number of Circulating Endothelial Progenitor Cells and Endothelial Nitric Oxide Synthetase Expression. *Current Medicinal Chemistry* 2014;21:2012-22.
- [13]Liang CJ, Lee CW, Sung HC, Chen YH, Wang SH, Wu PJ, Chiang YC, Tsai JS, Wu CC, Li CY, Chen YL. Magnolol Reduced TNF-alpha-Induced Vascular Cell Adhesion Molecule-1 Expression in Endothelial Cells via JNK/p38 and NF-kappa B Signaling Pathways. *American Journal of Chinese Medicine* 2014;42:619-37.
- [14]Liang CJ, Lee CW, Sung HC, Chen YH, Chiang YC, Hsu HY, Tseng YC, Li CY, Wang SH, Chen YL. Ganoderma lucidum Polysaccharides Reduce Lipopolysaccharide-Induced Interleukin-1 beta Expression in Cultured Smooth Muscle Cells and in Thoracic Aortas in Mice. *Evidence-Based Complementary and Alternative Medicine* 2014.
- [15]Chen CW, Lin CC, Chen KB, Kuo YC, Li CY, Chung CJ. Increased risk of dementia in people with previous exposure to general anesthesia: A nationwide population-based case control study. *Alzheimers & Dementia* 2014;10:196-204.
- [16]Yu TM, Wen MC, Li CY, Cheng CH, Wu MJ, Chen CH, Shu KH. Expression of hypoxia-inducible factor-1 (HIF-1) in infiltrating inflammatory cells is associated with chronic allograft dysfunction and predicts long-term graft survival. *Nephrology Dialysis Transplantation* 2013;28:659-70.
- [17]Lin YW, Huang CY, Chen YH, Shih CM, Tsao NW, Lin CY, Chang NC, Tsai CS, Tsai HY, Tsai JC, Huang PH, Li CY, Lin FY. GroEL1, a Heat Shock protein 60 of *Chlamydia pneumoniae*, Impairs Neovascularization by Decreasing Endothelial Progenitor Cell Function. *Plos One* 2013;8.
- [18]Lee SD, Lai TW, Lin SZ, Lin CH, Hsu YH, Li CY, Wang HJ, Lee W, Su CY, Yu YL, Shyu WC. Role of stress-inducible protein-1 in recruitment of bone marrow derived cells into the ischemic brains. *Embo Molecular Medicine* 2013;5:1227-46.
- [19]Lee CC, Lai YT, Chang HT, Liao JW, Shyu WC, Li CY, Wang CN. Inhibition of high-mobility group box 1 in lung reduced airway inflammation and remodeling in a mouse model of chronic asthma. *Biochemical Pharmacology* 2013;86:940-9.
- [20]Chi CY, Chu CC, Liu JP, Lin CH, Ho MW, Lo WJ, Lin PC, Chen HJ, Chou CH, Feng JY, Fung CP, Sher YP, Li CY, Wang JH, Ku CL. Anti-IFN-gamma autoantibodies in adults with disseminated nontuberculous mycobacterial infections are associated with HLA-DRB1*16:02 and HLA-DQB1*05:02 and the reactivation of latent varicella-zoster virus infection. *Blood* 2013;121:1357-66.
- [21]Chen KB, Chang SS, Tseng YL, Chiu TH, Liao CC, Ho M, Huang GS, Li CY. Amniotic fluid induces platelet-neutrophil aggregation and neutrophil activation. *American Journal of Obstetrics and Gynecology* 2013;208.
- [22]Chen CW, Lin WY, Chen KB, Wu YS, Kuo YC, Liu HP, Li CY. Inhalational Anesthetic Sevoflurane Rescues Retina Function in Alzheimer's Disease Transgenic *Drosophila*. *Current Alzheimer Research* 2013;10:1005-14.
- [23]Chen CW, Huang TL, Su LT, Kuo YC, Wu SC, Li CY, Chen KB, Sung FC. Incidence of subsequent hip fractures is significantly increased within the first month after distal radius fracture in patients older than 60 years. *Journal of Trauma and Acute Care Surgery* 2013;74:317-21.

- [24] Chang SS, Chang KC, Wang YC, Muo CH, Pai PY, Chang CB, Li CY, Sung FC. Digoxin use is associated with increased risk of stroke in patients with non-valvular atrial fibrillation - a nationwide population- based cohort study. *International Journal of Cardiology* 2013;169:E26-E7.
- [25] Yu TM, Wen MC, Wu MJ, Chen CH, Cheng CH, Li CY, Shu KH. Impact of Posttransplantation Glomerulonephritis on Long-term Outcome of Kidney Transplants: Single-Center 20-Year Experience. *World Journal of Surgery* 2012;36:2923-30.
- [26] Yu TM, Wen MC, Li CY, Cheng CH, Wu MJ, Chen CH, Chen YH, Ho HC, Shu KH. Impact of recurrent lupus nephritis on lupus kidney transplantation. *Clinical Rheumatology* 2012;31:705-10.
- [27] Wang SH, Liang CJ, Weng YW, Chen YH, Hsu HY, Chien HF, Tsai JS, Tseng YC, Li CY, Chen YL. Ganoderma lucidum polysaccharides prevent platelet-derived growth factor-stimulated smooth muscle cell proliferation in vitro and neointimal hyperplasia in the endothelial-denuded artery in vivo. *Journal of Cellular Physiology* 2012;227:3063-71.
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- [31] Chiang YY, Tsai PY, Chen PC, Yang MH, Li CY, Sung FC, Chen KB. Sleep Disorders and Traffic Accidents. *Epidemiology* 2012;23:643-4.
- [32] Chang SS, Lee VSY, Tseng YL, Chang KC, Chen KB, Chen YL, Li CY. Gallic Acid Attenuates Platelet Activation and Platelet-Leukocyte Aggregation: Involving Pathways of Akt and GSK3 beta. *Evidence-Based Complementary and Alternative Medicine* 2012.
- [33] Lin FY, Tsai YT, Lee CY, Lin CY, Lin YW, Li CY, Shih CM, Huang CY, Chang NC, Tsai JC, Chen TL, Tsai CS. TNF-alpha-DECREASED THROMBOMODULIN EXPRESSION IN MONOCYTES IS INHIBITED BY PROPOFOL THROUGH REGULATION OF TRISTETRAPROLIN AND HUMAN ANTIGEN R ACTIVITIES. *Shock* 2011;36:279-88.
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- [37] Lin CY, Yang TL, Hong GJ, Li CY, Lin FY, Tsai CS. Enhanced Intracellular Heat Shock Protein 70 Expression of Leukocytes and Serum Interleukins Release: Comparison of On-pump and Off-pump Coronary Artery Surgery. *World Journal of Surgery* 2010;34:675-83.
- [38] Huang GS, Shih CM, Wu CC, Hu MH, Tsai CS, Liaw WJ, Chan SM, Li CY. Hypertonic Saline, Mannitol and Hydroxyethyl Starch Preconditioning of Platelets Obtained From Septic Patients Attenuates CD40 Ligand Expression In Vitro. *Journal of Trauma-Injury Infection and Critical Care* 2010;68:331-6.
- [39] Huang GS, Hu MH, Lee CH, Tsai CS, Lin TC, Li CY. Can hypertonic saline influence platelet P selectin expression and platelet-leukocyte aggregation? *American Journal of Emergency Medicine* 2010;28:37-43.
- [40] Tsai CS, Chen DL, Lin SJ, Tsai JC, Lin TC, Lin CY, Chen YH, Huang GS, Tsai HY, Lin FY, Li CY. TNF-alpha INHIBITS TOLL-LIKE RECEPTOR 4 EXPRESSION ON MONOCYTIC CELLS VIA TRISTETRAPROLIN DURING CARDIOPULMONARY BYPASS. *Shock* 2009;32:40-8.
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- [44] Lin FY, Chen YH, Chen YL, Wu TC, Li CY, Chen JW, Lin SJ. Ginkgo biloba extract inhibits endotoxin-induced human aortic smooth muscle cell proliferation via suppression of toll-like receptor 4 expression and NADPH oxidase activation. *Journal of Agricultural and Food Chemistry* 2007;55:1977-84.
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