

Curriculum Vitae

Pang, Jong-Hwei Su

Address: Graduate Institute of Clinical Medical Sciences,
Chang Gung University, No. 259 Wen-Hwa 1st Rd.,
Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

Tel: +886-3-2118800 ext. 3482

Fax: +886-3-2118800 ext. 3484

Email: jonghwei@mail.cgu.edu.tw



Education

Ph.D.

Graduate Institute of Biochemistry, Rutgers-the State University of New Jersey, NJ,
U.S.A.

B.S.

Department of Zoology, National Taiwan University, Taiwan, R.O.C

Working Experiences

2012-present

Professor, Chang Gung University, R.O.C.

2004-2016

Research collaborator of Procter & Gamble Japan K.K.(SKII product development)

1997-2012

Associate Professor, Chang Gung University, R.O.C.

1997/2-1999/1

Lecturer, National Taiwan University, R.O.C.

1996/11-1997/7

Postdoctoral Scientist, Academia Sinica, R.O.C.

1993/8-1996/10

Postdoctor, Academia Sinica, R.O.C.

1992/10-1993/3

Postdoctor, Rutgers-the State University of New Jersey, U.S.A.

Research Interests

Cell growth control

Cell apoptosis

Cell aging

Skin barrier function

Wound healing

Cardiovascular diseases

Angiogenic therapy

Anti-tumor and anti-angiogenic therapy

Stem cell therapy

Publication

**Corresponding author Corresponding author*

1. Chen, K. Y., Chang, Z-F., Pang, J-H., He, G. S. and Liu, A. Y.-C., 1989, "Polyamine metabolism and cell cycle-dependent gene expression in IMR-90 human diploid fibroblasts during senescence in culture". Exp. Gerontol. 24, 523-537. SCI [**3.911**], RANK: **10/47** in GERIATRICS & GERONTOLOGY
2. **Pang, J-H.** and Chen, K. Y., 1993, "A specific CCAAT-binding protein, CBP/tk, may be involved in the regulation of thymidine kinase gene expression in human IMR-90 diploid fibroblasts during senescence". J. Biol. Chem. 268,

2909-2916. SCI [4.651], RANK: 62/290 in BIOCHEMISTRY & MOLECULAR BIOLOGY

3. **Pang, J-H.** and Chen, K. Y., 1994, "A global change of gene expression at late G1/S boundary may occur in human IMR-90 diploid fibroblasts during senescence". J. Cell. Physiology 160, 531-538. SCI [4.218], RANK: 13/80 in PHYSIOLOGY
4. **Pang, J-H.**, Hung, R-Y., Wu, C-J., Fang, Y-Y. and Chau, L. Y., 1995, "Functional characterization of the promoter region of the platelet-activating factor receptor gene". J. Biol. Chem. 270, 14123-14129. SCI [4.651], RANK: 62/290 in BIOCHEMISTRY & MOLECULAR BIOLOG
5. **Pang, J-H.**, Good, L., and Chen, K. Y., 1995, "The age-dependent binding of CBP/tk, a CCAAT binding protein, is deregulated in transformed and immortalized mammalian cells but absent in premature aging cells". Exp. Gerontol. 31, 97-109. SCI [3.911], RANK: 10/47 in GERIATRICS & GERONTOLOGY
6. **Pang, J-H.**, Jiang, M-J., Chen, Y-L., Wang, F-W., Wang, D-L., Chu, S-H. and Chau, L. Y., 1996, "Increased ferritin gene expression in atherosclerotic lesions". J. Clin. Invest. 97, 2204-2212. SCI [12.812], RANK: 4/121 in MEDICINE, RESEARCH & EXPERIMENTAL
7. **Pang, J-H.** and Chau, L. Y., 1996, "Post-transcriptional regulation of H-ferritin gene expression in human monocytic THP-1 cells by protein kinase C". Biochem. J. 319, 185-189. SCI [4.654], RANK: 61/290 in BIOCHEMISTRY & MOLECULAR BIOLOGY
8. **Pang, J-H.**, Yang, H-H. and Chau, L. Y., 1996, "Transcriptional regulation of platelet-activating factor receptor gene expression in leukocytes". Adv. Exp.

Med. Biol. 416, 85-87. SCI [**1.825**], RANK: **75/121** in MEDICINE,
RESEARCH & EXPERIMENTAL

9. Yang, H-H., Pang, J-H., Hung, R-Y. and Chau, L. Y., 1997, "Transcriptional regulation of platelet-activating factor receptor gene in B lymphoblastoid RAMOS cells by transforming growth factor-". J. Immunol. 158, 2771-2778. SCI [**5.520**], RANK: **24/137** in IMMUNOLOGY
10. Lee, T-S., Lee, F-Y., Pang, J-H. and Chau, L. Y., 1999, "Erythrophagocytosis and iron deposition in atherosclerotic lesions". Chinese J. Physiology 42, 17-24. SCI [**0.748**], RANK: **73/80** in PHYSIOLOGY
11. **Pang, J-H.** and Chau, L. Y., 1999, "Copper-induced apoptosis and immediate early gene expression in macrophages" . Atherosclerosis. 146, 45-52. SCI [**3.706**], RANK: **15/68** in PERIPHERAL VASCULAR DISEASE
12. Hu, Sindy, Chan, H-L., Chen, M-C. and ***Pang, J-H.**, 2002, "Comparison of three telomerase subunits in benign and malignant skin neoplasms" J. Formos. Med. Assoc. 101, 593-597. SCI [**1.000**], RANK:**81/155** in MEDICINE, GENERAL & INTERNAL
13. Tsai, W-C., Tang, F-T., Wong, M-K., Yen, S-T. and ***Pang, J-H.**, 2002, "Decreased expression of proliferating cell nuclear antigen is associated with the inhibited proliferation of rat tendon fibroblasts by dexamethasone" J. Rheumatol. 29,2397-2402. SCI [**3.258**], RANK: **11/29** in RHEUMATOLOGY
14. Tsai, W-C., Tang, F-T., Wong, M-K., Yen, S-T. and ***Pang, J-H.**, 2003, "Inhibition of Tendon Fibroblast Migration by Dexamethasone is Correlated with the Reduced Alpha-Smooth Muscle Actin Gene Expression: Potential Mechanism for Delayed Tendon Healing " J. Orthop. Res. 21,265-271. SCI [**2.875**], RANK: **7/65** in ORTHOPEDICS

15. Chang, C-J. , Hsu, L-A, Chiang, C-W, Ko, Y-S, See, L-C, Shen, Y-C, Ko, Y-L, Kou, C-T, Lee, Y-S, and ***Pang, J-H.**, 2003, " Percutaneous transvenous mitral valvulotomy normalize elevated circulating levels of tumor necrosis factor- α and interleukine-6 in mitral stenosis with heart failure" Am.J Cardiol. 91,1018-1020. SCI [**3.209**], RANK: **38/124** in CARDIAC & CARDIOVASCULAR SYSTEMS

16. Huang, S-T, Yang, R-C., Yang, L-J., Lee, P-N. and ***Pang, J-H.**, 2003, "Phyllanthus Urinaria tiggers the bcl-2 downregulation and apoptosis in Lewis lung carcinoma cells " Life Sci. 72, 1705-1716. SCI [**2.555**], RANK: **55/121** in MEDICINE, RESEARCH & EXPERIMENTAL

17. Yeh, C-H., Pang, J-H., Wu, Y-C., Wang, Y-C., Chu, J-J. and Lin, P-J., 2004, "Differential-Display Polymerase Chain Reaction Identifies Nicotinamide Adenine Dinucleotide-Ubiquinone Oxidoreductase as an Ischemia/Reperfusion-Regulated Genes in Cardiomyocytes "Chest, 125, 228-235. SCI [**5.854**], RANK: **4/50** in RESPIRATORY SYSTEM

18. Huang, S-T, Yang, R-C., Chen, M-Y. and ***Pang, J-H.**, 2004, "Phyllanthus Urinaria induces fas receptor/ligand expression and the ceramide-mediated apoptosis in HL-60 cells" Life Sci. 75, 339-351. SCI [**2.555**], RANK: **55/121** in MEDICINE, RESEARCH & EXPERIMENTAL

19. Chang, C-J., Hsu, L-A,Chiang, C-W,Ko, Y-S,See, L-C, Shen, Y-C,Ko, Y-L,Kou,C-T,Lee, Y-S, and ***Pang, J-H.**, 2004,"Highly Increased Cell Proliferation Activity in the Restenotic Hemodialysis Vascular Access after Percutaneous Transluminal Angioplasty Implications in prevention of restenosis "Am.J.Kidney Dis. 43,74-84. SCI [**5.294**], RANK: **5/73** in UROLOGY & NEPHROLOGY

20. Hu, S., Liao, S-K., ***Pang, J-H.**, Chen, M-C., Chen, C-H. and Hong, H-S.,2004
“Screening of inhibitors of human telomerase reverse transcriptase in a
cultured malignant melanoma cell line “ Br. J. Dermatology ,150, 388-390.
SCI [**3.759**], RANK: **5/59** in DERMATOLOGY
21. Tsai, W-C., Tang, F-T., Wong, M-K., Yen, S-T. and ***Pang, J-H.**, 2004.
“ Inhibition of Tendon Fibroblast Proliferation by Ibuprofen is Correlated with
the Increases p21 Gene Expression “ J. Orthop. Res. 22, 586-591. SCI [**2.875**],
RANK: **7/65** in ORTHOPEDICS
22. Huang, S-T, Yang, R-C., Chen, M-Y. and ***Pang, J-H.**, 2004, "Aqueous extract of
Phyllanthus Urinaria induces f apoptosis in Cancer cells" Am.J.Chin.Med. 32,
175-183. SCI [**2.281**], RANK: **5/22** in INTEGRATIVE &
COMPLEMENTARY MEDICINE
23. Chen, W-T., Lin, K-H, Lai, Y-J. and ***Pang, J-H.**, 2004, " Protective effect of
propylthiouracil independent of its hypothyroid effect on atherogenesis in the
cholesterol-fed rabbits: PTEN induction and inhibition of vascular smooth
muscle cells proliferation and migration", Circulation. 110, 1313-1319. SCI
[**15.202**], RANK: **1/68** in PERIPHERAL VASCULAR DISEASE
24. Sun, C-C., Chien, C-S., Cheng, C-Y., Pang, J-H., Ku, W-C., Chen, P. Y-F., Yang,
C-M. 2005. “Role of matrix metalloproteinase-9 in ex vivo expansion of
human limbal epithelial cells cultured on human amniotic membrane” Invest
Ophthalmol Vis Sci. 46, 808-815. SCI [**3.441**], RANK: **5/59** in
OPHTHALMOLOGY
25. Tsai, W-C., Hsu, C-C., Tang, F-T., Chou, S-W., Chen, Y-J. and ***Pang, J-H.**, 2005.
“Ultrasound stimulation of tendon cell proliferation and upregulation of

- proliferating cell nuclear antigen “ J. Orthop. Res. 23, 970-976. SCI [**2.875**],
RANK: **7/65** in ORTHOPEDICS
26. Wu, W-M., Tsai, H-J., Pang, J-H., Wang H-S., Hong H-S. and Lee Y-S. 2005.
“Touchdown thermocycling program enables a robust single nucleotide
polymorphism typing method based on allele-specific real-time polymerase
chain reaction” Anal Biochem. 339: 290-6. SCI [**2.582**], RANK: **26/75** in
CHEMISTRY, ANALYTICAL
 27. Chang, C-J., Hsu, L-A,Chiang, C-W,Ko, Y-S,See, L-C, Shen, Y-C,Ko, Y-L,Kou,
C-T,Lee,Y-S, and **Pang, J-H.*, 2005. “Thrombosed arteriovenous fistula for
hemodialysis access is characterized by a marked inflammatory activity”
Kidney International. 68:1312-1319. SCI [**7.916**], RANK: **4/73** in UROLOGY
& NEPHROLOGY
 28. Wu, W-M., Tsai, H-J., Pang, J-H., Wang, T.H., Wang H-S., Hong H-S. and Lee
Y-S. 2005. “Linear allele-specific long-ranged amplification:a novel method
of long-ranged molecular haplotyping” Human Mutation. 26: 393-394. SCI
[**5.213**], RANK: **22/161** in GENETICS & HEREDITY
 29. Chang SW, Wang YH, Pang, J-H. 2006_ “The effects of epithelial viability on
stromal keratocyte apoptosis in porcine corneas stored in Optisol-GS.” Cornea.
25(1):78-84. SCI [**1.746**], RANK: **24/59** in OPHTHALMOLOGY
 30. Tsai, W-C., Hsu, C-C., Tang, F-T., Chou, S-W., Chen, Y-J. and **Pang, J-H.*, 2006.
“Ibuprofen inhibition of tendon cell migration and down-regulation of paxillin
expression” J. Ortho. Res. 24(3):551-8. SCI [**2.875**], RANK:**7/65** in
ORTHOPEDICS
 31. Huang, S-T., Lee, P-N., Yang, S-H., Yang, R-C., Liao, S-K., Chen, T-Y. and
**Pang, J-H.*, 2006, “Anti-tumor and anti-angiogenic effects of phyllanthus

- urinaria in mice bearing Lewis lung carcinoma” International immunopharmacology. 6(6):870-9. SCI [2.417], RANK: 113/261 in PHARMACOLOGY & PHARMACY
32. Tsai, W-C., Pang, J-H., Hsu, C-C., Tang, F-T., Chou, S-W., and Chen, Y-J. 2006. “Ultrasound stimulation of collagen production and TGF- β secretion in tendon cells “J. Orthop. Res. 24(6):1310-6. SCI [2.875], RANK: 7/65 in ORTHOPEDICS
33. Wu, C-Y., Pang, J-H. and Huang, S-T. 2006. “Inhibition of melanogenesis in murine B16/F10 Melanoma cells by Ligusticum Sinensis oliv.” Am. J. Chinese Med. 34(3):523-33. SCI [2.281], RANK: 5/22 in INTEGRATIVE & COMPLEMENTARY MEDICINE
34. Sun, C-C., Pang, J-H., Ku, W-C., Chen, P. Y-F., Yang, C-M. 2006. “Interleukin-1 Receptor Antagonist (IL-1ra) Prevents Apoptosis in ex vivo Expansion of Human Limbal Epithelial Cells Cultivated on Human Amniotic Membrane” Stem Cells. 24:2130-2139. SCI [7.701], RANK: 8/160 in BIOTECHNOLOGY & APPLIED MICROBIOLOGY
35. Lin, Y-K., Wong, W-R., ***Pang, J-H.** 2006. “Successful treatment of recalcitrant psoriasis with Indigo naturalis ointment” Clin. Exp.Dermatol. 32: 116. SCI [1.329], RANK: 35/59 in DERMATOLOGY
36. Lin, Y-K., Wong, W-R., Yen, H-R. and ***Pang, J-H.** 2006, “Successful Treatment of Pediatric Psoriasis with Indigo naturalis Composite Ointment” Pediatric Dermatology, 23: 507-510. SCI [1.041], RANK: 77/122 in PEDIATRICS

37. Chen W-J, Ho W-J, Chang G-J, Chen -ST, Pang J-H, Chou S-H, Tsay P-K, Kuo C-T. 2006 “Propylthiouracil, independent of its antithyroid effect, produces endothelium-dependent vasodilatation through induction of nitric oxide bioactivity.” *Atherosclerosis*. Dec 16; [Epub ahead of print] SCI [**3.706**], RANK: **15/68** in PERIPHERAL VASCULAR DISEASE
38. Lin YK, Wong WR, **Jong-Hwei S Pang*. Successful treatment of recalcitrant psoriasis with Indigo naturalis ointment. *Clin Exp Dermatol*. 2007 Jan;32(1):99-100. SCI [**1.329**], RANK: **35/59** in DERMATOLOGY
39. Lin,Y-K.,Wong, W-R., Chang, Ya-Ching, Chang, Chee-Jen, Tsay, Pei-Kwei, Chang, Shu-Chen and **Pang, J-H.*.2007. “The efficacy and safety of topically applied Indigo naturalis ointment in patients with plaque-type psoriasis” *Dermatology*. 214(2):155-61. SCI [**2.024**], RANK: **17/59** in DERMATOLOGY
40. Tsai, W-C., Pang, J-H., Hsu, C-C., Chou, S-W. and Chen, J. 2007. “The effects of celecoxib on migration, proliferation and collagen expression of tendon cells “ *Connective tissue research*. 48(1):46-51. SCI [**1.788**], RANK: **26/65** in ORTHOPEDICS
41. Tsai, WC, Hsu CC, Chung CY, Lin MS, Li SL and **Pang, J-H.*.2007. The pentapeptide KTTKS promoting the expressions of type I collagen and transforming growth factor-beta of tendon cells. *J Orthop Res*. 25(12):1629-34. SCI [**2.875**], RANK:**7/65** in ORTHOPEDICS

42. Sun, M-H, Pang, J-H, Chen, S-L, Kuo, P-C, Chen, K-J, Kao, L-Y, Wu, J-Y, Lin, K-K, Tsao, Y-P. 2007, "Photoreceptor protection against light damage by AAV-mediated overexpression of heme oxygenase-1" Invest Ophthalmol Vis Sci. 48(12):5699-707. SCI [**3.441**], RANK: **5/59** in OPHTHALMOLOGY
43. Wong, W-R., Shyu, W-L., Tsai, J-W., Hong, H-S., Lee, H-Y., and ***Pang, J-H.**, 2008, "Intense pulsed light modulates the biosynthesis of MMP-2. MMP-14 and TIMP-2 in skin dermal fibroblasts cultured in collagen lattices".J. Derm. Sci. 51(1): 1657-1663. SCI [**3.520**], RANK:**7/59** in DERMATOLOGY
44. Tsai WC, Hsu CC, Chung CY, Lin MS, Li SL and ***Pang, J-H.**2008. "Ciprofloxacin Mediated Cell Proliferation Inhibition and G2/M Cell Cycle Arrest in Tendon Cells". Arthritis & Rheumatism. 58(6): 1657-63. SCI [**7.477**], RANK: **3/29** in RHEUMATOLOGY
45. Yin-Ku Lin, Chee-Jen Chang, Ya-Ching Chang, Wen-Rou Wong, Shu-Chen Chang, ***Pang, J-H.**,2008 "Clinical assessment of patients with recalcitrant psoriasis in a randomized, observer-blind, vehicle-controlled trial using indigo naturalis" Archives Derm. 144(11):1457-64. SCI [**4.792**], RANK: **4/59** in DERMATOLOGY
46. Wen-Chung Tsai, Jannie Ying-Syuan Chen, Pang, J-H., Chih-Chin Hsu, Miao-Sui Lin, Liang-Wei Chieh, 2008 "Therapeutic ultrasound stimulation of tendon

cell migration" Connective Tissue Research, 49(5):367-73. SCI [**1.788**],

RANK: **26/65** in ORTHOPEDICS

47. Chen WJ, Pang JH, Lin KH, Yang SH.2008,"Propylthiouracil, independent of its antithyroid effect, decreases VSMC collagen expression." Basic Res Cardiol. 2008 Sep 15. [Epub ahead of print] SCI [**5.904**], RANK: **13/124** in CARDIAC & CARDIOVASCULAR SYSTEMS.

48. Wen-Rou Wong, Wen-Ling Shyu, Jung-Wei Tsai, Kuang-Hung Hsu, Hung-Yi Lee and **Pang, J-H.* 2008 " Intense pulsed light modulates the expressions of extracellular matrix proteins and TGF- β 1 in skin dermal fibroblasts cultured within contracted collagen lattices". Derm. Surg. [Epub ahead of print] SCI [**1.866**], RANK: 67/199 in SURGERY.

49. Chi-Jen Chang; Chih-Chun Chen; Lung-An Hsu, MD; Gow-Jyh Chang; Yu-Hsein Ko, MD; Chin-Fen Chen; Min-Yi Chen; Su-Hui Yang and; **Jong-Hwei S. Pang*, 2009, Degradation of the Internal Elastic Laminae in Vein Grafts of Rats with Aortocaval Fistulae: potential impact on graft vasculopathy, Am. Journal of Pathology. Accepted. SCI [**4.522**], RANK: **10/77** in PATHOLOGY.

50. Wen-Chung Tsai, Chih-Chin Hsu, Huang-Chun Cheng, Ya-Hui Hsu, Miao-Shui Lin, **Jong-Hwei S. Pang* 2009, Ciprofloxacin Inhibition of Tendon Cell

Migration and Down-regulation of Focal Adhesion Kinase Phosphorylation.

European Journal of Pharmacology. 607:23-6.. SCI [2.592], RANK: 105/261

in PHARMACOLOGY & PHARMACY.

51. Yin-Ku Lin, Yann-Lii Leu, Hong-Jhen Fang, Chin-Ting Wang, and ***Pang, J-H.**

2009 “Indigo naturalis modulates the proliferation and differentiation of epidermal keratinocytes in psoriatic lesion and in vitro culture” Journal of

Dermatological Science. [Epub ahead of print], SCI [3.520], RANK: 7/59 in

DERMATOLOGY.

52. Cheng CY, Sun CC, Yu WH, Hsieh HL, Ma DH, Pang JH, Yang CM. 2009.

“Novel laminin 5 gamma 2-chain fragments potentiating the limbal epithelial cell outgrowth on amniotic membrane.” Invest Ophthalmol Vis Sci. Oct;

50(10):4631-9. Epub 2009 May 6. SCI [3.441], RANK: 5/59 in

OPHTHALMOLOGY

53. Chang CJ, Hsu LA, Ko YH, Chen PL, Chuang YT, Lin CY, Liao CH, Chang CJ,

Hsu LA, Ko YH, Chen PL, Chuang YT, Lin CY, Liao CH, ***Pang, J-H.** 2009,

“Thrombin regulates matrix metalloproteinase-9 expression in human monocytes.” Biochem Biophys Res Commun. 385(2):241-6. SCI [2.406],

RANK: 181/290 in BIOCHEMISTRY & MOLECULAR BIOLOGY.

54. Tsai WC, Hsu CC, Chang HN, Lin YC, Lin MS, ***Pang, J-H.** 2009, “Ibuprofen

upregulates expressions of matrix metalloproteinase-1, -8, -9, and -13 without affecting expressions of types I and III collagen in tendon cells.” J Orthop Res.

2010 Apr;28(4):487-91. SCI [**2.875**], RANK: **7/65** in ORTHOPEDICS

55. Huang ST, Wang CY, Yang RC, Chu CJ, Wu HT, ***Pang JH**. Phyllanthus urinaria increases apoptosis and reduces telomerase activity in human nasopharyngeal carcinoma cells. Forsch Komplementmed. 2009, 16(1): 34-40. SCI [**1.279**], RANK: **11/22** in INTEGRATIVE & COMPLEMENT MEDICINE.

56. Lin YK, Leu YL, Huang TH, Wu YH, Chung PJ, Pang JH, Hwang TL. Anti-inflammatory effects of the extract of indigo naturalis in human neutrophils. J Ethnopharmacol. 2009 Aug 17;125(1):51-8. SCI [**2.755**], RANK: **3/22** in INTEGRATIVE & COMPLEMENTARY MEDICINE

57. Chen WJ, Pang JH, Lin KH, Lee DY, Hsu LA, Kuo CT. 2010, ”Propylthiouracil, independent of its antithyroid effect, promotes vascular smooth muscle cells differentiation via PTEN induction.” Basic Res Cardiol. Jan;105(1):19-28. SCI [**5.904**], RANK: **13/124** in CARDIAC & CARDIOVASCULAR SYSTEMS.

58. Huang ST, Wang CY, Yang RC, Chu CJ, Wu HT, ***Pang, J-H.**, 2010, “Wogonin, an active compound in Scutellaria baicalensis, induces apoptosis and reduces telomerase activity in the HL-60 leukemia cells.” Phytomedicine. 2010 Jan;17(1):47-54. SCI [**2.972**], RANK: **33/197** in PLANT SCIENCES.

59. Huang ST, Wang CY, Yang RC, Wu HT, Yang SH, Cheng YC, **Pang, J-H*. 2010
“Ellagic Acid, the Active Compound of Phyllanthus urinaria, Exerts In Vivo
Anti-angiogenic Effect and Inhibits MMP-2 Activity.”Evid Based
Complement Alternat Med. [Epub ahead of print] , SCI [**1.722**], RANK:
8/22 in INTEGRATIVE & COMPLEMENTARY MEDICINE.
60. Ming-Jui Hung, Wen-Jin Cherng, Ming-Yow Hung, **Jong-Hwei S Pang*, 2010,
“Interleukin-6 inhibits endothelial nitric oxide synthase activation and
increases endothelial nitric oxide synthase binding to stabilized caveolin-1 in
human vascular endothelial cells”. J Hypertens. 28(5):940-51. SCI [**3.806**],
RANK: **13/68** in PERIPHERAL VASCULAR DISEASE.
61. Tsai WC, Hsu CC, Chen CP, Chang HN, Wong AM, Lin MS, **Jong-Hwei S
Pang*, 2010, “Ciprofloxacin up-regulates tendon cells to express matrix
metalloproteinase-2 with degradation of type I collagen.” J Orthop Res. [Epub
ahead of print] J Orthop Res. 2010 Apr;28(4):487-91. SCI [**2.875**], RANK:
7/65 in ORTHOPEDICS
62. Sun MH, Pang JH, Chen SL, Han WH, Ho TC, Chen KJ, Kao LY, Lin KK, Taso
YP. Retinal protection from acute glaucoma-induced ischemia-reperfusion
injury through pharmacologic induction of heme oxygenase-1. Invest
Ophthalmol Vis Sci. 2010, 51(9): 4798-808. SCI [**3.441**], RANK: **5/59** in

OPHTHALMOLOGY

63. Huang ST, Pang JH, Yang RC. Anti-cancer effects of Phyllanthus urinaria and relevant mechanisms. Chang Gung Med J. 2010 Sep-Oct;33(5):477-87.
64. Chang HN, Pang JH, Yang SH, Hung CF, Chiang CH, Lin TY, Lin YK. Inhibitory effect of indigo naturalis on tumor necrosis factor- α -induced vascular cell adhesion molecule-1 expression in human umbilical vein endothelial cells. Molecules. 2010 Sep 14;15(9):6423-35. SCI [**2.428**], RANK:

24/57 in CHEMISTRY, ORGANIC

65. Chang CH, Tsai WC, Lin MS, Hsu YH, **Jong-Hwei S Pang*. The promoting effect of pentadecapeptide BPC 157 on tendon healing involves tendon outgrowth, cell survival and cell migration. J Appl Physiol. 2010 Oct 28. [Epub ahead of print] SCI [**3.484**], RANK: **7/84** in SPORT SCIENCES

66. Wang CH, Hsieh IC, Pang JH, Cherng WJ, Lin SJ, Tung TH, Mei HF. Factors Associated with Purity, Biological Function and Activation Potential of Endothelial Colony-Forming Cells. Am J Physiol Regul Integr Comp Physiol. 2010 Dec 15. [Epub ahead of print] SCI [**3.284**], RANK: **23/80** in

PHYSIOLOGY

67. Li CH, Yang RB, Pang JH, Chang SS, Lin CC, Chen CH, Chen HY, Chiu TF. Procalcitonin as a Biomarker for Bacterial Infections in Patients With Liver

Cirrhosis in the Emergency Department. Acad Emerg Med. 2011 Feb;18(2):121-126. SCI [1.757], RANK: 7/25 in EMERGENCY MEDICINE

68. Tsai WC, Hsu CC, Chen CP, Chang HN, Wong AM, Lin MS, **Jong-Hwei S Pang*, 2011, “Decreased proliferation of ageing tenocytes is associated with down-regulation of cellular senescence-inhibited gene and up-regulation of p27” J Orthop Res. [Epub ahead of print] J Orthop Res. Accepted. SCI [2.875], RANK: 7/65 in ORTHOPEDICS

69. Sheng-Teng Huang, Rong-Chi Yang, Hsiao-Ting Wu, Chao-Nin Wang and **Jong-Hwei S Pang*, 2011, “Zinc-Chelation Contributes to the Anti-Angiogenic Effect of Ellagic Acid on Inhibiting MMP-2 Activity, Cell Migration and Tube Formation”, PLoS ONE, Accepted. SCI [3.730], RANK: 7/56 in MULTIDISCIPLINARY SCIENCES

70. Ming-Hui Sun, Kuan-Jen Chen, Yeou-Ping Tsao, Ling-Yuh Kao, Wen-Hwa Han, Ken-Kuo Lin and **Jong-Hwei S Pang*, 2011, “Down-regulation of matrix metalloproteinase-9 by pyrrolidine dithiocarbamate prevented retinal ganglion cells death after optic nerve transection in rats” Current Eye Res. Accepted. SCI [1.710], RANK: 26/59 in OPHTHALMOLOGY

71. Tsai MY, Yang RC, Wu HT, **Jong-Hwei S Pang*, Huang ST.
2011. "Anti-angiogenic effect of Tanshinone IIA involves inhibition of matrix invasion and modification of MMP-2/TIMP-2 secretion in vascular endothelial cells." Cancer Lett. 310(2):198-206. Epub 2011 Jul 5. SCI [**4.258**], RANK: **49/197** in ONCOLOGY
72. Chuang SY, Yang SH, **Jong-Hwei S Pang*, 2011. "Cilostazol reduces MCP-1-induced chemotaxis and adhesion of THP-1 monocytes by inhibiting CCR2 gene expression." Biochem Biophys Res Commun. 411(2):402-8. Epub 2011 Jul 2. SCI [**2.406**], RANK: **181/290** in BIOCHEMISTRY & MOLECULAR BIOLOGY.
73. **Jong-Hwei S Pang*, Wen-Rou Wong, Tomohiro Hakoziaki, Takashi Yoshii, Tzu-Ya Chen. Up-regulation of tight junction-related proteins and increase of human epidermal keratinocytes barrier function by Saccharomycosis ferment filtrate. Journal of Cosmetics, Dermatological Sciences and Applications, 2011, 1, 15-24.
74. Shih-Yi Chuang, Su-Hui Yang, Tzi-Ya Chen and **Jong-Hwei S Pang*. 2011. "Cilostazol inhibits matrix invasion and modulates the gene expressions of MMP-9 and TIMP-1 in PMA-differentiated THP-1 cells." European journal of Pharmacology. Accepted. SCI [**2.592**], RANK: **105/261** in

PHARMACOLOGY & PHARMACY

75. Chang HN, ***Jong-Hwei S Pang***. (Co-First author) Chen CP, Ko PC, Lin MS, Tsai WC, Yang YM The effect of aging on migration, proliferation, and collagen expression of tenocytes in response to ciprofloxacin. J Orthop Res. 2011 Oct 21. doi: 10.1002/jor.21576. [Epub ahead of print] SCI [**2.875**], RANK: **7/65** in ORTHOPEDICS
76. Wu YH, Chuang SY, Hong WC, Lai YJ, Chang YL, ****Jong-Hwei S Pang***. In vivo and in vitro inhibitory effects of a traditional Chinese formulation on LPS-stimulated leukocyte-endothelial cell adhesion and VCAM-1 gene expression. J Ethnopharmacol. 2012 Mar 6;140(1):55-63. SCI [**2.755**], RANK: **3/22** in INTEGRATIVE & COMPLEMENTARY MEDICINE
77. Yi-Hong Wu, Shih-Yi Chuang, Wei-Chin Hong, Ying-Ju Lai, Gwo-Jyh Chang and ****Jong-Hwei S Pang***. Berberine reduces leukocyte adhesion to LPS-stimulated endothelial cells and VCAM-1 expression both *in vivo* and *in vitro*. Int. J. Immunopath Pharm. 25(3):741-50.
78. Wan-Ling Shie, Yin-Ku Lin, Chi-Neu Tsai, Ta-Min Wang, Tzu-Ya Chen and ****Jong-Hwei S Pang***. Indirubin, an acting component of indigo naturalis, inhibits EGFR activation and EGF-induced CDC25B gene expression in epidermal keratinocytes. J. Derm. Sci. 67(2):140-6. SCI [**3.520**], RANK:**7/59**

in DERMATOLOGY

79. Tsai WC, Hsu CC, ***Jong-Hwei S Pang**, Lin MS, Chen YH, Liang FC. Low-level laser irradiation stimulates tenocyte migration with up-regulation of dynamin II expression. PLoS One. 2012;7(5):e38235. SCI [**3.730**], RANK: **7/56** in

MULTIDISCIPLINARY SCIENCES

80. Yu TY, ***Jong-Hwei S Pang (Co-first author)**, Wu KP, Chen MJ, Chen CH, Tsai WC. Aging is associated with increased activities of matrix metalloproteinase-2 and -9 in tenocytes. BMC Musculoskelet Disord. 2013 Jan 2;14(1):2. [Epub ahead of print] SCI [**1.875**], RANK: **24/65** in

ORTHOPEDICS

81. Chiang KC, Yeh CN, Chen SC, Shen SC, Hsu JT, Yeh TS, Pang JH, Su LJ, Takano M, Kittaka A, Juang HH, Chen TC. MART-10, a New Generation of Vitamin D Analog, Is More Potent than 1 α ,25-Dihydroxyvitamin D(3) in Inhibiting Cell Proliferation and Inducing Apoptosis in ER+ MCF-7 Breast Cancer Cells. Evid Based Complement Alternat Med. 2012:310872. doi: 10.1155/2012/310872. Epub 2012 Dec 11. SCI [**1.722**], RANK: **8/22** in

INTEGRATIVE & COMPLEMENTARY MEDICINE.

82. Tsai TT, Lai PL, Liao JC, Fu TS, Niu CC, Chen LH, Lee MS, Chen WJ, Fang HC, Ho NY, ***Jong-Hwei S Pang**. Increased periostin gene expression in

degenerative intervertebral disc cells. Spine J. 2013 Feb 27. doi:pii: S1529-9430(13)00104-6. 10.1016/j.spinee.2013.01.040. [Epub ahead of print]

SCI [**3.220**], RANK: **4/65** in ORTHOPEDICS

83. Li-Pang Chuang, Ning-Hung Chen, Shih-Wei Lin, Ying-Ling Chang, I-Ju Chao, ****Jong-Hwei S Pang***. Increased matrix metalloproteinases-9 after sleep in plasma and in monocytes of obstructive sleep apnea patients. Life Sciences, 93(5-6):220-5. SCI [**2.555**], RANK: **55/121** in MEDICINE, RESEARCH & EXPERIMENTAL

84. Tsai WC, Liang FC, Cheng JW, Lin LP, Chang SC, Chen HH, ****Jong-Hwei S Pang***. High glucose concentration up-regulates the expression of matrix metalloproteinase-9 and -13 in tendon cells. 1. BMC Musculoskelet Disord. 2013 Aug 27;14(1):255. [Epub ahead of print] SCI [**1.875**], RANK: **24/65** in ORTHOPEDICS

85. Chiang KC, Yeh CN, Hsu JT, Chen LW, Kuo SF, Sun CC, Huang CC, Pang JH, Flanagan JN, Takano M, Kittaka A, Juang HH, Yang SW, Chen TC. MART-10, a novel vitamin D analog, inhibits head and neck squamous carcinoma cells growth through cell cycle arrest at G0/G1 with upregulation of p21 and p27 and downregulation of telomerase. J Steroid Biochem Mol Biol. 2013 Sep 14. doi:pii: S0960-0760(13)00162-3. SCI [**3.984**], RANK: **82/290** in BIOCHEMISTRY & MOLECULAR BIOLOGY

86. Yin-Ku Lin, Hsiao-Wen Chen, Yann-Lii Leu, Yueh-Lung Yang, Yu Fang, ***Jong-Hwei S Pang**, Tsong-Long Hwang. Indigo naturalis upregulates claudin-1 expression in human keratinocytes and psoriatic lesions. J Ethnopharmacol. 2013 Jan 30;145(2):614-20. SCI [**2.755**], RANK: **3/22** in INTEGRATIVE & COMPLEMENTARY MEDICINE
87. Tsung-Ting Tsai, Natalie Yi-Ju Ho, Ying-Ting Lin, Po-Liang Lai, Tsai-Sheng Fu, Chi-Chien Niu, Lih-Huei Chen, Wen-Jer Chen and ***Jong-Hwei S. Pang**. Advanced Glycation End Products in Degenerative Nucleus Pulposus with Diabetes. 2013. Journal of Orthopaedic Research. 2013 Oct 22. doi: 10.1002/jor.22508. [Epub ahead of print] SCI [**2.875**], RANK: **7/65** in ORTHOPEDICS
88. Chiang KC, Chen SC, Yeh CN, Pang JH, Shen SC, Hsu JT, Liu YY, Chen LW, Kuo SF, Takano M, Kittaka A, Sun CC, Juang HH, Chen TC. MART-10, a less calcemic vitamin D analog, is more potent than 1 α ,25-dihydroxyvitamin D3 in inhibiting the metastatic potential of MCF-7 breast cancer cells in vitro. J Steroid Biochem Mol Biol. 2013 Oct 12;139C:54-60. doi: 10.1016/j.jsbmb.2013.10.005. [Epub ahead of print] SCI [**3.984**], RANK: **82/290** in BIOCHEMISTRY & MOLECULAR BIOLOGY
89. Chang CC, Chu CF, Wang CN, Wu HT, Bi KW, ***Jong-Hwei S. Pang**, Huang ST.

The anti-atherosclerotic effect of tanshinone IIA is associated with the inhibition of TNF- α -induced VCAM-1, ICAM-1 and CX3CL1 expression. *Phytomedicine*. 2013 Oct 21. pii: S0944-7113(13)00369-3. doi: 10.1016/j.phymed.2013.09.012. [Epub ahead of print] SCI [**2.972**], RANK: **33/197** in PLANT SCIENCES.

90. Tsai WC, Cheng JW, Chen JL, Chen CY, Chang HN, Liao YH, Lin MS, **Jong-Hwei S. Pang*. Low-level laser irradiation stimulates tenocyte proliferation in association with increased NO synthesis and upregulation of PCNA and cyclins. *Lasers Med Sci*. 2014 Feb 9. [Epub ahead of print]
91. Lee CH¹, Hsieh MJ, Chang SH, Lin YH, Liu SJ, Lin TY, Hung KC, **Pang JH**, Juang JH. Enhancement of diabetic wound repair using biodegradable nanofibrous metformin-eluting membranes: in vitro and in vivo. *ACS Appl Mater Interfaces*. 2014 Mar 26;6(6):3979-86. doi: 10.1021/am405329g. Epub 2014 Mar 6.
92. Chiang KC¹, Yeh CN, Lin KJ, Su LJ, Yen TC, **Pang JH**, Kittaka A, Sun CC, Chen MF, Jan YY, Chen TC², Juang HH³, Yeh TS⁴. Chemopreventive and chemotherapeutic effect of dietary supplementation of vitamin D on cholangiocarcinoma in a Chemical-Induced animal model. *Oncotarget*. 2014 Jun 15;5(11):3849-61.

93. Chang ML, Tsou YK, Hu TH, Lin CH, Lin WR, Sung CM, Chen TH, Cheng ML, Chang KC, Chiu CT, Yeh CT, **Pang JH**, Shiao MS. Distinct Patterns of the Lipid Alterations between Genotype 1 and 2 Chronic Hepatitis C Patients after Viral Clearance. PLoS One. 2014 Aug 14;9(8):e104783. doi: 10.1371/journal.pone.0104783. eCollection 2014.
94. Chiang KC, Yeh CN, Hsu JT, Jan YY, Chen LW, Kuo SF, Takano M, Kittaka A, Chen TC, Chen WT, **Pang JH**, Yeh TS, Juang HH. The vitamin D analog, MART-10, represses metastasis potential via downregulation of epithelial-mesenchymal transition in pancreatic cancer cells. Cancer Lett. 2014 Aug 19. pii: S0304-3835(14)00449-2. doi: 10.1016/j.canlet.2014.08.019. [Epub ahead of print]
95. Chuang LP, Chen NH, Lin SW, Chang YL, Liao HR, Lin YS, Chao IJ, Lin Y, ****Jong-Hwei S. Pang*** Increased C-C chemokine receptor 2 gene expression in monocytes of severe obstructive sleep apnea patients and under intermittent hypoxia. PLoS One. 2014 Nov 20;9(11):e113304.
96. Chang CH, Tsai WC, Hsu YH, ****Jong-Hwei S. Pang***. Pentadecapeptide BPC 157 enhances the growth hormone receptor expression in tendon fibroblasts. Molecules. 2014 Nov 19;19(11):19066-77.
97. Lee CH, Chang SH, Chen WJ, Hung KC, Lin YH, Liu SJ, Hsieh MJ, **Pang JH**,

- Juang JH. Augmentation of diabetic wound healing and enhancement of collagen content using nanofibrous glucophage-loaded collagen/PLGA scaffold membranes. *J Colloid Interface Sci.* 2015 Feb 1;439:88-97.
98. Tsai TT, Ho NY, Fang HC, Lai PL, Niu CC, Chen LH, Chen WJ, ***Jong-Hwei S. Pang**. Increased sulfatase 1 gene expression in degenerative intervertebral disc cells. *J Orthop Res.* 2015 Mar;33(3):312-7.
99. Yang RC, Chang CC, Sheen JM, Wu HT, ***Jong-Hwei S. Pang**, Huang ST. *Davallia bilabiata* inhibits TNF- α -induced adhesion molecules and chemokines by suppressing IKK/NF-kappa B pathway in vascular endothelial cells. *Am J Chin Med.* 2014;42(6):1411-29.
100. Hsieh WL, Huang YH, Wang TM, Ming YC, Tsai CN, ***Jong-Hwei S. Pang**. IFI27, a novel epidermal growth factor-stabilized protein, is functionally involved in proliferation and cell cycling of human epidermal keratinocytes. *Cell Prolif.* 2015 Apr;48(2):187-97.
101. Yu TY, **Pang JH** (Co-First Author), Wu KP, Lin LP, Tseng WC, Tsai WC. Platelet-rich plasma increases proliferation of tendon cells by modulating Stat3 and p27 to up-regulate expression of cyclins and cyclin-dependent kinases. *Cell Prolif.* 2015 Aug;48(4):413-20.

102. Chiang KC, Chen HY, Hsu SY, **Pang JH**, Wang SY, Hsu JT, Yeh TS, Chen LW, Kuo SF, Sun CC, Lee JM, Yeh CN, Juang HH. PTEN insufficiency modulates ER+ breast cancer cell cycle progression and increases cell growth in vitro and in vivo. *Drug Des Devel Ther.* 2015 Aug 13;9:4631-8.
103. Lai YJ, Chang GJ, Yeh YH, **Pang JH**, Huang CC, Chen WJ. Propylthiouracil Attenuates Experimental Pulmonary Hypertension via Suppression of Pen-2, a Key Component of Gamma-Secretase. *PLoS One.* 2015 Sep 14;10(9):e0137426.
104. Hsin-Ning Chang, Sheng-Teng Huang, Yuan-Chieh Yeh, Hsin-Shih Wang, Tzu-Hao Wang, Yi-Hong Wu and ****Jong-Hwei S. Pang.*** Indigo naturalis and its component tryptanthrin exert anti-angiogenic effect by arresting cell cycle and inhibiting Akt and FAK signaling in human vascular endothelial cells. *J. Ethnopharmacol.* 2015.
105. Li-Pang Chuang, Ning-Hung Chen, Yuling Lin, Wen-Shan Ko and ****Jong-Hwei S. Pang*** Increased MCP-1 gene expression in monocytes of severe OSA patients and under intermittent hypoxia. *Sleep and Breathing.* 2015.
106. Kun-Chun Chiang, Sheng-Fong Kuo, Chih-Hung Chen, Sohching Ng, Shu-Fu Lin, Chun-Nan Yeh, Li-Wei Chen, Masashi Takano, Tai C. Chen, Horng-Heng Juang, Atsushi Kittaka, Jen-Der Li and ****Jong-Hwei S. Pang.*** MART-10, the

- Vitamin D analog, is a potent drug to inhibit anaplastic thyroid cancer cell metastatic potential. Cancer letter. 2015. 369(1): 76-85.
- 107.Lee CH, Liu KS, Chang SH, Chen WJ, Hung KC, Liu SJ, **Pang JH**, Juang JH, Chou CC, Chang PC, Chen YT, Wang FS. Promoting Diabetic Wound Therapy Using Biodegradable rhPDGF-Loaded Nanofibrous Membranes: CONSORT-Compliant Article. Medicine (Baltimore). 2015 Nov; 94(47):e1873.
- 108.Kun-Chun Chiang, Chi-Chin Sun, Ming-Huang Chen, Chi-Ying F. Huang, Jun-Te Hsu, Ta-Sen Yeh, Li-Wei Chen, Sheng-Fong Kuo, Horng-Heng Juang, Chun-Nan Yeh and ***Jong-Hwei S. Pang**. MART-10, the new brand of $1\alpha,25(\text{OH})_2\text{D}_3$ analog, is a potent anti-angiogenic agent in vivo and in vitro. J Steroid Biochem Mol Biol. 2016, 155: 26-34.
- 109.Wen-Chung Tsai, Tung-Yang Yu, Li-Ping Lin, Mei-Ling Cheng, Cheng-Lun Chen and ***Jong-Hwei S. Pang**. Prevention of simvastatin-induced inhibition of tendon cell proliferation and cell cycle progression by geranylgeranyl pyrophosphate. Toxicol. Sci. 2015 Nov 16. pii: kfv239. [Epub ahead of print].
- 110.Xianghong Yan, Ta-Min Wang, Yung-Ching Ming, Yuan-Ming Yeh, Tzu-Ya Chen ***Jong-Hwei S. Pang**. Melanin uptake reduces cell proliferation of human epidermal keratinocytes. JCDSA. **5**, 300-310.

111. Chi-Chin Sun, Hsiao-Ting Chiu, Yi-Fang Lin, Kuo-Ying Lee, **Jong-Hwei S. Pang*. Y-27632, a ROCK inhibitor, promoted limbal epithelial cell proliferation and corneal wound healing. PLoS One. 2015;10(12):e0144571.
112. Tun-Pin Hsueh, Jer-Ming Sheen, **Jong-Hwei S. Pang*, Kuo-Wei Bi, Chao-Chun Huang, Hsiao-Ting Wu, Sheng-Teng Huang*. The anti-atherosclerotic effect of naringin is associated with reduced expressions of cell adhesion molecules and chemokines through NF- κ B pathway. 2016, Molecules 21, 195.
113. Li-Pang Chuang, Ning-Hung Chen, Yuling Lin, Wen-Shan Ko and **Jong-Hwei S. Pang*. Increased MCP-1 gene expression in monocytes of severe OSA patients and under intermittent hypoxia. Sleep Breath (2016) 20:425–433.
114. Chiang KC, Yeh CN, **Pang JH**, Hsu JT, Yeh TS, Chen LW, Kuo SF, Hsieh PJ, Pan YC, Takano M, Chen TC, Feng TH, Kittaka A, Juang HH., 1 α ,25(OH)₂D₃ Analog, MART-10, Inhibits Neuroendocrine Tumor Cell Growth Through Induction of G0/G1 Cell-cycle Arrest and Apoptosis. Anticancer Res. 2016 Jul;36(7):3307-13.
115. Chiang KC, Yeh TS, Chen SC, **Pang JH**, Yeh CN, Hsu JT, Chen LW, Kuo SF, Takano M, Kittaka A, Chen TC, Sun CC, Juang HH. The Vitamin D Analog, MART-10, Attenuates Triple Negative Breast Cancer Cells Metastatic

Potential. Int J Mol Sci. 2016 Apr 21;17(4). pii: E606. doi: 10.3390/ijms17040606.

116. Chiang KC, Hsu SY, Lin SJ, Yeh CN, **Pang JH**, Wang SY, Hsu JT, Yeh TS, Chen LW, Kuo SF, Cheng YC, Juang HH. PTEN Insufficiency Increases Breast Cancer Cell Metastasis In Vitro and In Vivo in a Xenograft Zebrafish Model. Anticancer Res. 2016 Aug;36(8):3997-4005.

117. Chiang KC, Yeh CN, Huang CC, Yeh TS, **S Pang JH**, Hsu JT, Chen L7, Kuo SF8, Kittaka A, Chen TC, Juang HH. 25(OH)D Is Effective to Repress Human Cholangiocarcinoma Cell Growth through the Conversion of 25(OH)D to $1\alpha,25(\text{OH})_2\text{D}_3$. Int J Mol Sci. 2016 Aug 12;17(8). pii: E1326. doi: 10.3390/ijms17081326.

118. Yang SW, Tsai CY, Pan YC, Yeh CN, **Pang JH**, Takano M, Kittaka A, Juang HH, Chen TC, Chiang KC. MART-10, a newly synthesized vitamin D analog, represses metastatic potential of head and neck squamous carcinoma cells. Drug Des Devel Ther. 2016 Jun 17;10:1995-2002. doi: 10.2147/DDDT.S107256. eCollection 2016.

119. Chia-Hsiang Fu, Wan-Chun Tsai, Ta-Jen Lee, Chi-Che Huang, Po-Hung Chang, ****Jong-Hwei Su Pang**** Simvastatin Inhibits IL-5-Induced Chemotaxis and

CCR3 Expression of HL-60-Derived and Human Primary Eosinophils. PLoS One, 11(6):e0157186.

120.Wen-Chung Tsai, Tung-Yang Yu, Li-Ping Lin, Miao-Sui Lin, Yi-Cheng Wu, Chih-Hao Liao and ***Jong-Hwei Su Pang**, Platelet rich plasma releasate promotes proliferation of dependent kinases. Platelet 26, 1-7.

121.Ming-Jer Hsieh, Hsien-Ta Liu, Chao-Nin Wang, Hsiu-Yun Huang, Yuling Lin, Yu-Shien Ko, Jong-Shyan Wang, Vincent Hung-Shu Chang, ***Jong-Hwei Su Pang**, Therapeutic potential of proangiogenic BPC157 is associated with VEGFR2 activation and upregulation, Journal of clinical medicine 95, 323-333.

122.Tsai WC, Yu TY, Lin LP, Lin MS, Tsai TT, ***Jong-Hwei Su Pang**,. 2017. Platelet rich plasma promotes skeletal muscle cell migration in association with up-regulation of FAK, paxillin, and F-Actin formation. J Orthop Res. 2017 Feb 24. doi: 10.1002/jor.23547. [Epub ahead of print]

123.Chun-Ting Liua, Kuo-Wei Bia, Chao-Chun Huang, Hsiao-Ting Wu, Hui-Ya Ho, ***Jong-Hwei Su Pang**, Sheng-Teng Huang. 2017. Davallia bilabiata exhibits anti-angiogenic effect with modified MMP-2/ TIMP-2 secretion and inhibited VEGF ligand/receptors expression in vascular endothelial cells J. Ethanopharmacology 196, 213-224.

124. Chiang KC, Yeh TS, Huang CC, Chang YC, Juang HH, Cheng CT, **Pang JS**, Hsu JT, Takano M, Chen TC, Kittaka A, Hsiao M, Yeh CN. 2017. MART-10 represses cholangiocarcinoma cell growth and high vitamin D receptor expression indicates better prognosis for cholangiocarcinoma. Sci Rep. 2017 Mar 3;7:43773. doi: 10.1038/srep43773.
125. Chiang KC, Yeh TS, Wu RC, **Pang JS**, Cheng CT, Wang SY, Juang HH, Yeh CN. 2016. Lipocalin 2 (LCN2) is a promising target for cholangiocarcinoma treatment and bile LCN2 level is a potential cholangiocarcinoma diagnostic marker. Sci Rep. 2016 Oct 26;6:36138. doi: 10.1038/srep36138.
126. ****Jong-Hwei Su Pang***, Yen JH, Wu HT, Huang ST. 2017. Gallic Acid Inhibited Matrix Invasion and AP-1/ETS-1-Mediated MMP-1 Transcription in Human Nasopharyngeal Carcinoma Cells. Int J Mol Sci. 2017 Jun 24;18(7). pii: E1354. doi: 10.3390/ijms18071354.
127. Lai YJ, Hsu HH, Chang GJ, Lin SH, Chen WJ, Huang CC, ****Jong-Hwei Su Pang***. Prostaglandin E1 Attenuates Pulmonary Artery Remodeling by Activating Phosphorylation of CREB and the PTEN Signaling Pathway. Sci Rep. 2017 Aug 30;7(1):9974.
128. Li HH, Hsu HH, Chang GJ, Chen IC, Ho WJ, Hsu PC, Chen WJ, **Pang JS**, Huang CC, Lai YJ. Prostanoid EP4 Agonist L-902,688 Activates PPAR γ and

Attenuates Pulmonary Arterial Hypertension. Am J Physiol Lung Cell Mol Physiol. 2017 Nov 16;ajplung.00245.2017. doi: 10.1152/ajplung.00245.2017. [Epub ahead of print]

129. Chiang KC, Yeh CN, **Pang JS**, Hsu JT, Yeh TS, Chen LW, Kuo SF, Takano M, Chen TC, Kittaka A, Hsieh PJ, Juang HH. $1\alpha,25(\text{OH})_2\text{D}_3$ Analog, MART-10, Inhibits Neuroendocrine Tumor Cell Metastasis After VEGF-A Stimulation. Anticancer Res. 2017 Nov;37(11):6215-6221.

130. Li HH, Hsu HH, Chang GJ, Chen IC, Ho WJ, Hsu PC, Chen WJ, **Pang JS**, Huang CC, Lai YJ. Prostanoid EP4 agonist L-902,688 activates PPAR γ and attenuates pulmonary arterial hypertension. Am J Physiol Lung Cell Mol Physiol. 2018 Mar 1;314(3):L349-L359. doi: 10.1152/ajplung.00245.2017. Epub 2017 Nov 16.

131. Hung MY, Wu YH, Bamodu OA, Chen X, Lin YK, Hu P, Chang NC, **Pang JS**, Yeh CT. Activation of the monocytic $\alpha 7$ nicotinic acetylcholine receptor modulates oxidative stress and inflammation-associated development of coronary artery spasm via a p38 MAP-kinase signaling-dependent pathway. Free Radic Biol Med. 2018 May 20;120:266-276. doi: 10.1016/j.freeradbiomed.2018.03.050. Epub 2018 Mar 31.

132. Ying-Ju Lai, corresponding author, Hsao-Hsun Hsu, Gwo-Jyh Chang, Shu-Hui Lin, Wei-Jan Chen, Chung-Chi Huang, and **Jong-Hwei S. Pang**. Author Correction: Prostaglandin E1 Attenuates Pulmonary Artery Remodeling by Activating Phosphorylation of CREB and the PTEN Signaling Pathway. *Sci Rep*. 2018 Jul 24;8(1):11383. doi: 10.1038/s41598-018-28951-4.
133. Tsai WC, Yu TY, Chang GJ, Lin LP, Lin MS, **Pang JS**. Platelet-Rich Plasma Releasate Promotes Regeneration and Decreases Inflammation and Apoptosis of Injured Skeletal Muscle. *Am J Sports Med*. 2018 Jul;46(8):1980-1986. doi: 10.1177/0363546518771076. Epub 2018 May 17.
134. Wu YH, Chen HY, Lai CH, Yeh CS, **Pang JS**, Qiu JT, Chou HH, Yang LY, Pan YB. Use of Chinese Herbal Medicine Improves Chemotherapy-Induced Thrombocytopenia among Gynecological Cancer Patients: An Observational Study. *Evid Based Complement Alternat Med*. 2018 Jul 12;2018:4201325. doi: 10.1155/2018/4201325. eCollection 2018.
135. Chiang KC, Yeh CN, Yeh TS, Juang HH, Chen LW, Kuo SF, Chen MH, Chen TC, Takano M, Kittaka A, **Pang JS**. MART-10, a 1 α ,25(OH)₂D₃ Analog, Potently Represses Metastasis of ER⁺ Breast Cancer Cells with VEGF-A Overexpression. *Anticancer Res*. 2018 Jul;38(7):3879-3887. doi: 10.21873/anticancer.12672.

136.Huang ST, Chang CC, **Pang JS**, Huang HS, Chou SC, Kao MC, You HL.

Drynaria fortunei Promoted Angiogenesis Associated With Modified
MMP-2/TIMP-2 Balance and Activation of VEGF Ligand/Receptors
Expression. Front Pharmacol. 2018 Sep 21;9:979. doi:
10.3389/fphar.2018.00979. eCollection 2018.

137.Chang GJ, Yeh YH, Chen WJ, Ko YS, **S Pang JH**, Lee HY. Inhibition of

Advanced Glycation End Products Formation Attenuates Cardiac Electrical
and Mechanical Remodeling and Vulnerability to Tachyarrhythmias in
Diabetic Rats. J Pharmacol Exp Ther. 2018 Oct 31. pii: jpet.118.252080. doi:
10.1124/jpet.118.252080.