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[\* y/sharing first authorship]

- 1) Zuo YH, Han QB, Dong GT, Yue RQ, Ren XC, Liu JX, Liu L, **Luo P\***, Zhou H\*. Panax ginseng Polysaccharide Protected H9c2 Cardiomyocyte From Hypoxia/Reoxygenation Injury Through Regulating Mitochondrial Metabolism and RISK Pathway. *Frontiers in Physiology*. 2018, Jun 15;9:699.
- 2) Zhang C, Zhang K, Huang F, Feng W, Chen J, Zhang H, Wang J, **Luo P**, Huang H. Exosomes, the message transporters in vascular calcification. *Journal of cellular and molecular medicine*. 2018.Review.
- 3) He L, Zhang Z, Liu Y, Chen D, Yuan M, Dong G, **Luo P\***, Yan Z\*. Rapid discrimination of raw and sulfur-fumigated Smilax glabra based on chemical profiles by UHPLC-QTOF-MS/MS coupled with multivariate statistical analysis. *Food Research International*. 2018, Jun;108:226-236.
- 4) Li Y, Ren X, Lio C, Sun W, Lai K, Liu Y, Zhang Z, Liang J, Zhou H, Liu L, Huang H, Ren J\*, **Luo P\***, A chlorogenic acid-phospholipid complex ameliorates post-myocardial infarction inflammatory response mediated by mitochondrial reactive oxygen species in SAMP8 mice. *Pharmacological Research*. 2018, Apr;130:110-122.
- 5) Xuecong Ren, Li Chen, Jing Xie, Zhifeng Zhang, Gengting Dong, Jie Liang, Liang Liu, 2, Hua Zhou\*, **Pei Luo\***. Resveratrol Ameliorates Mitochondrial Elongation via Drp1/Parkin/PINK1 Signaling in Senescent-like Cardiomyocytes. *Oxidative Medicine and Cellular Longevity*, 2017.
- 6) Zhou H, Liu JX, Luo JF, Cheng CS, Leung EL, Li Y, Su XH, Liu ZQ, Chen TB, Duan FG, Dong Y, Zuo YH, Li C, Lio CK, Li T, **Luo P**, Xie Y, Yao XJ, Wang PX, Liu L\*. Suppressing mPGES-1 expression by sinomenine ameliorates inflammation and arthritis.

- Biochemical Pharmacology*. 2017 Oct 15; 142:133-144.
- 7) Jin Gao, Ming Chen, Xuecong Ren, Xiaobo Zhou, Qiang Shang, WQ Lu, **Pei Luo\***, ZH Jiang\*. Synthesis and cardiomyocyte protection activity of crocetin diamide derivatives. *Fitoterapia*. 2017 Sep; 121:106-111.
  - 8) QianLong Wan, Jing Xie, XingDe Lia, Tao WJ, LiSheng Ding, Jian Liang, **Pei Luo\***, Lin-Sen Qing\*. An efficient direct competitive nano-ELISA for residual BSA determination in vaccines. *Analytical and Bioanalytical Chemistry*. 2017 Jul;409(19):4607-4614.
  - 9) QianLong Wan, Jing Xie, XingDe Lia, LiSheng Ding, Jian Liang, **Pei Luo\***, Lin-Sen Qing\*. Development of a nano-SiO<sub>2</sub> based enzyme-linked ligand binding assay for the determination of ibuprofen in human urine. *Talanta*. Volume 167, 15 May 2017, Pages 617-622.
  - 10) Huang BM, Xiao SY, Chen TB, Xie Y, **Luo P**, Liu L, Zhou H\*. Purity assessment of ginsenoside Rg1 using quantitative <sup>1</sup>H nuclear magnetic resonance. *Journal of Pharmaceutical and Biomedical Analysis*. 2017 May 30; 139:193-204.
  - 11) Zhifeng Zhang, Yuan Liu, Xuecong Ren, Hua Zhou, KaishunWang, Hao Zhang, and **Pei Luo\***. Caffeoylquinic Acid Derivatives Extract of Erigeron multiradiatus Alleviated Acute Myocardial Ischemia Reperfusion Injury in Rats through Inhibiting NF-KappaB and JNK Activations. *Mediators of Inflammation*. Volume 2016, Article ID 7961940, 11 pages
  - 12) Jing Xie, Jie Li, Jian Liang, **Pei Luo\***, Lin-Sen Qing\*, Li-Sheng Ding. Determination of Contents of Catechins in Oolong Teas by Quantitative Analysis of Multi-components Via a Single Marker (QAMS) Method. *Food Analytical Methods*. 2016, DOI 10.1007/s12161-016-0592-5
  - 13) Jianxin Liu, Jinshan Tang, Yihan Zuo, Yang Yu, **Pei Luo**, Xinsheng Yao, Yan Dong, Peixun Wang, Liang Liu\*, Hua Zhou\*. Staurosine B inhibits macrophage activation by inhibiting NF-kappa B and ERK MAPK signaling. *Pharmacological Research*. (2016) 303-315
  - 14) **LUO Pei**, DONG Gengting, LIU Liang, ZHOU Hua\*. The Long-Term Consumption of Ginseng Extract Reduces the Susceptibility of Intermediate-Aged Hearts to Acute Ischemia Reperfusion Injury. *PLoS One*. 2015 Dec 9; 10(12):e0144733. doi: 10.1371/journal.pone.0144733.
  - 15) DONG Gengting, CHEN Tingbo, REN Xuecong, ZHANG Zhifeng, HUANG Weixue,

- LIU Liang, **LUO Pei**\*, ZHOU Hua\*. Rg1 prevents myocardial hypoxia/reoxygenation injury by regulating mitochondrial dynamics imbalance via modulation of glutamate dehydrogenase and mitofusin 2. *Mitochondrion*. 2015 Nov 24; 26:7-18.
- 16) ZHANG Zhifeng, HE Lili, LU Luyang, LIU Yuan, DONG Gengting, MIAO Janhua\*, **LUO Pei**\*. Characterization and quantification of the chemical compositions of *Scutellariae Barbatae herba* and differentiation from its substitute by combining UHPLC PDA QTOF MS/MS with UHPLC MS/MS. *Journal of Pharmaceutical and Biomedical Analysis*. 2015 May 10; 109:62-6. doi: 10.1016/j.jpba.2015.02.025.
- 17) ZHANG ZhiFeng, LIU Yuan, LU Luyang, **LUO Pei**\*. Hepatoprotective activity of *Gentiana veitchiorum* Hemsl. against carbon tetrachloride induced hepatotoxicity in mice. *Chinese Journal of Natural Medicines*. 2014, 12(7):0001-0007.
- 18) **LUO Pei**, HOU Shaozhen, DONG Gengting, CHEN Tingbo, LIU Liang, ZHOU Hua\*. Effectiveness of Panax ginseng on Acute Myocardial Ischemia Reperfusion Injury Was Abolished by Flutamide via Endogenous Testosterone-Mediated Akt Pathway. *Evidence-Based Complementary and Alternative Medicine*, vol. 2013, Article ID 817826, 9 pages, 2013. doi:10.1155/2013/817826.
- 19) ZHANG Zhifeng, LU Luyang, **LUO Pei**, Qing Linsen , LIU Yuan. Two new ursolic acid saponins from *Morina nepalensis* var. *alba* Hand-Mazz. *Natural Product Research*. 2013. DOI: 10.1080/14786419.2013.824441
- 20) **LUO Pei** , WONG Yuanfong , GE Lin, ZHANG Zhifeng, LIU Yuan, LIU Liang, ZHOU Hua. Anti-inflammatory and analgesic effect of plumbagin through inhibition of nuclear factor-kappaB activation. *Journal of Pharmacology and Experimental Therapeutics*. 335, 735-742, 2010.
- 21) ZHOU Hua, HOU Shaozhen, **LUO Pei**, ZEN Bao, WANG Jingrong, WONG Yuanfong, JIANG Zhihong, LIU Liang. Ginseng protects rodent hearts from acute myocardial ischemia reperfusion injury through GR/ER-activated RISK pathway in an endothelial NOS-dependent mechanism. *Journal of Ethnopharmacology*. **135**, 287-298, 2011.
- 22) YI Xiaoqin, LI Ting, WANG Jingrong, Wong V.-K., **LUO Pei**, Wong Y.-F., JIANG Zhihong, LIU Liang, ZHOU Hua. Total ginsenosides increase coronary perfusion flow in isolated rat hearts through activation of PI3K/Akt-eNOS signaling. *Phytomedicine*. **17**, 1006-1015, 2010.

- 23) ZHANG Zhifeng, **LUO Pei**, LI Jie, ZHANG Hao\*. Comparison of the antiinflammatory activities of three medicinal plants known as "meiduoluomi" in Tibetan folk medicine. *YAKUGAKU ZASSHI-JOURNAL OF THE PHARMACEUTICAL SOCIETY OF JAPAN*. **128**, 805-810, 2008.
- 24) **LUO Pei**, TAN Zhenghuai, ZHANG Zhifeng, LI Honghao, MO Zhengji\*. Inhibitory effects of salvianolic acid B on the high glucose-induced mesangial proliferation via NF-kappaB-dependent pathway. *Biological and Pharmaceutical Bulletin*. **31**, 1381-1386, 2008.
- 25) **LUO Pei**, ZHANG Zhifeng, YI Tao, ZHANG Hao, MO Zhengji\*. Anti-inflammatory activity of the extracts and fractions from Erigeron multiradiatus through bioassay-guided procedures. *Journal of Ethnopharmacology*. **119**, 232-237, 2008.
- 26) **LUO Pei**, TAN Zhenghuai, ZHANG Zhifeng, ZHANG Hao, LIU Xianfu, MO Zhengji\*. Scutellarin isolated from Erigeron multiradiatus inhibits high glucose-mediated vascular inflammation. *YAKUGAKU ZASSHI-JOURNAL OF THE PHARMACEUTICAL SOCIETY OF JAPAN*. **128**, 1293-1299, 2008.

(as PI):

- 1 2012~2015 Application of living-cell imaging technique in research of cardiomyocyte mitochondrial dynamics and mechanistic study of anti-ischemia heart disease effects of protopanaxatriol-type Ginsenosides 昔  
. At Macau University of Science and Technology. Science & Technology Development Fund (FDCT) of Macao SAR , 073/2011/A3.
- 2) 2013~2017 Role of microtubule motors in aging myocardial ischemic preconditioning and effects of piceatannol and its dimers 苝  
. At Macau University of Science and Technology. Science & Technology Development Fund (FDCT) of Macao SAR , 052/2013/A2.
- 3) 2012~2013 Semi-quantitation of mitochondrial dynamics in H/R- induced cardiomyocytes H9c2 H9c2 . Macao Foundation of Macao SAR