

CURRICULUM VITAE

PERSONAL INFORMATION

Family Name Zhou

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EDUCATION

Nanjing Medical University Bachelor of Clinical Medicine 09/2004 - 06/2009

GPA Rank: Top 10%

Awards: Excellent student, Outstanding Graduate Leader

Nanjing Medical University Master & Doctor of General Surgery 09/2010 -

06/2016

GPA Rank: Top 10%

Awards: Outstanding Graduate Leader, Excellent Graduate Awards

Clinical Experience

The first affiliated hospital of Nanjing Medical University, Department of Cardiology, Attending physician 08/2015-

RESEARCH CAREER

07/2010-09/2015 Department of physiology, Nanjing Medical University,

Teaching Assistant

Articles as corresponding/first author:

1. Zhou N, Huang Q, Cheng W, Ge Y, Li D, Wang J. p27kip1 haploinsufficiency preserves myocardial function in the early stages of myocardial infarction via Atg5-mediated autophagy flux restoration. *Molecular medicine reports*. 2019.
2. Zhou N, Fu Y, Wang Y, Chen P, Meng H, Guo S, et al. p27(kip1) haplo-insufficiency improves cardiac function in early-stages of myocardial infarction by protecting myocardium and increasing angiogenesis by promoting IKK activation. *Scientific Reports*. 2014;4.
3. Zhou N, Wang Y, Cheng W, Yang Z. Hepatocyte growth factor (HGF) promotes cardiac stem cell differentiation after myocardial infarction by increasing mTOR activation in p27(kip) haploinsufficient mice. *Genes & Genomics*. 2015;37(11):905-12.

Others:

1. Zhou N, Huang Q, Cheng W, Ge Y, Li D, Wang J. p27kip1 haploinsufficiency preserves myocardial function in the early stages of myocardial infarction via Atg5-mediated autophagy flux restoration. *Molecular medicine reports*. 2019.
2. Zhou N, Fu Y, Wang Y, Chen P, Meng H, Guo S, et al. p27(kip1) haplo-insufficiency improves cardiac function in early-stages of myocardial infarction by protecting myocardium and increasing angiogenesis by promoting IKK activation. *Scientific Reports*. 2014;4.
3. Zhou N, Wang Y, Cheng W, Yang Z. Hepatocyte growth factor (HGF) promotes cardiac stem cell differentiation after myocardial infarction by increasing mTOR activation in p27(kip) haploinsufficient mice. *Genes & Genomics*. 2015;37(11):905-12.
4. Xu B, Qian Y, Zhao Y, Fang Z, Tang K, Zhou N, et al. Prognostic value of fractalkine/CX3CL1 concentration in patients with acute myocardial infarction treated with primary percutaneous coronary intervention. *Cytokine*. 2019;113:365-70.
5. Liu J, Wu P, Wang Y, Du Y, Nan A, Liu S, et al. Ad-HGF improves the cardiac remodeling of rat following myocardial infarction by upregulating autophagy and necroptosis and inhibiting apoptosis. *American Journal Of Translational Research*. 2016;8(11):4605-+.
6. Liu J, Wu P, Wang H, Wang Y, Du Y, Cheng W, et al. Necroptosis Induced by Ad-HGF Activates Endogenous C-Kit(+) Cardiac Stem Cells and Promotes Cardiomyocyte Proliferation and Angiogenesis in the Infarcted Aged Heart. *Cellular Physiology And Biochemistry*. 2016;40(5):847-60.
7. Wang X, Meng H, Chen P, Yang N, Lu X, Wang Z-M, et al. Beneficial effects of muscone on cardiac remodeling in a mouse model of myocardial infarction. *International Journal Of Molecular Medicine*. 2014;34(1):103-11.
8. Wang Y, Liu J, Tao Z, Wu P, Cheng W, Du Y, et al. Exogenous HGF Prevents Cardiomyocytes from Apoptosis after Hypoxia via Up-Regulating Cell Autophagy. *Cellular Physiology And Biochemistry*. 2016;38(6):2401-13.
9. Cheng W, Wu P, Du Y, Wang Y, Zhou N, Ge Y, et al. Puerarin improves cardiac function through regulation of energy metabolism in Streptozotocin-Nicotinamide induced diabetic mice

after myocardial infarction. *Biochemical And Biophysical Research Communications*. 2015;463(4):1108-14.

10. Yang N, Chen P, Tao Z, Zhou N, Gong X, Xu Z, et al. Beneficial effects of ginsenoside-Rg1 on ischemia-induced angiogenesis in diabetic mice. *Acta Biochimica Et Biophysica Sinica*. 2012;44(12):999-1005.

11. Lu X, Wang Y, Meng H, Chen P, Huang Y, Wang Z, et al. Association of Admission Serum Calcium Levels and In-Hospital Mortality in Patients with Acute ST-Elevated Myocardial Infarction: An Eight-Year, Single-Center Study in China. *Plos One*. 2014;9(6).

12. Fu Y, Liu X, Zhou N, Du L, Sun Y, Zhang X, et al. MicroRNA-200b Stimulates Tumour Growth in TGFBR2-Null Colorectal Cancers by Negatively Regulating p27/kip1. *Journal of cellular physiology*. 2014;229(6):772-82.

13. Zhang M, He H, Wang Z-M, Xu Z, Zhou N, Tao Z, et al. Diagnostic and prognostic value of minor elevated cardiac troponin levels for percutaneous coronary intervention-related myocardial injury: a prospective, single-center and double-blind study. *Journal of biomedical research*. 2014;28(2):98-107.

14. Xu Z, Tao Z, Xu Z, Yang Y, Wang H, Wang L, et al. Cardiac-specific Expression of the Hepatocyte Growth Factor (HGF) under the Control of a TnIc Promoter Confers a Heart Protective Effect after Myocardial Infarction (MI). *Current Gene Therapy*. 2014;14(1):63-73.