



## 颜念龙 博士

南昌大学基础医学院教授  
博士生导师、硕士生导师

### 教育和工作背景:

- 1997-2001 南昌大学生命科学学院 生物学专业 学士  
2001-2004 福建农林大学生命科学学院 生物化学与分子生物学专业 硕士  
2007-2010 复旦大学药学院 生物化学与分子生物学专业 博士  
2015-2022 南昌大学基础医学院 副教授  
2022-迄今 南昌大学基础医学院 教授

### 研究兴趣、领域:

主要研究领域为脂质代谢与动脉粥样硬化和内皮功能障碍的关系及脂质代谢与肿瘤的关系。

主持国家自然科学基金课题 2 项，江西省自然科学基金课题 3 项，发表论文 20 余篇（SCI 收录 18 篇）。

### 学术兼职:

中国生物化学与分子生物学基础医学专业委员会委员，江西省生物化学与分子生物学会委员；Journal of Functional Foods, International Immunopharmacology, Journal of Experimental & Clinical Cancer Research, Frontiers in Bioscience-Landmark, International Journal of Molecular Medicine, Molecular Medicine Reports, Oncology Letters 和南昌大学学报（理学版）等期刊审稿人。

### 主要研究成果:

1. Ye H, Liu Q, Wang Y, Zhen X, **Yan N**. The Effect of Cholesterol Efflux on Endothelial Dysfunction Caused by Oxidative Stress. *Int J Mol Sci*. 2023; 24(6):5939.
2. Yu S, Liu J, **Yan N**. Endothelial Dysfunction Induced by Extracellular Neutrophil Traps Plays Important Role in the Occurrence and Treatment of Extracellular Neutrophil Traps-Related Disease. *Int J Mol Sci*. 2022; 23(10):5626.

3. Zhao Y, He L, Wang T, Zhu L, **Yan N**. 2-Hydroxypropyl- $\beta$ -cyclodextrin Regulates the Epithelial to Mesenchymal Transition in Breast Cancer Cells by Modulating Cholesterol Homeostasis and Endoplasmic Reticulum Stress. *Metabolites*, 2021 ;11(8):562.
4. You Z, He L, **Yan N**. Tunicamycin-Induced Endoplasmic Reticulum Stress Promotes Breast Cancer Cell MDA-MB-231 Apoptosis through Inhibiting Wnt/ $\beta$ -Catenin Signaling Pathway. *J Healthc Eng*. 2021:6394514.
5. Wang T, Zhao Y, You Z, Li X, Xiong M, Li H, **Yan N**. Nutrients. Endoplasmic Reticulum Stress Affects Cholesterol Homeostasis by Inhibiting LXR $\alpha$  Expression in Hepatocytes and Macrophages. *Nutrients*, 2020; 12(10):3088.
6. Li X, Luo T, Li H, **Yan N**. Sphingomyelin Synthase 2 Participate in the Regulation of Sperm Motility and Apoptosis. *Molecules*. 2020; 25(18):4231.
7. Hua L, Wu N, Zhao R, He X, Liu Q, Li X, He Z, Yu L, **Yan N**. Sphingomyelin Synthase 2 Promotes Endothelial Dysfunction by Inducing Endoplasmic Reticulum Stress. *Int J Mol Sci* 2019;20(12). pii: E2861.
8. He Z, He X, Liu M, Hua L, Wang T, Liu Q, Chen L, **Yan N**. Simvastatin Attenuates H<sub>2</sub>O<sub>2</sub>-Induced Endothelial Cell Dysfunction by Reducing Endoplasmic Reticulum Stress. *Molecules* 2019;24(9). pii: E1782.
9. He Z, Du X, Wu Y, Hua L, Wan L, **Yan N**. Simvastatin promotes endothelial dysfunction by activating the Wnt/ $\beta$ -catenin pathway under oxidative stress. *Int J Mol Med*. 2019; 44(4):1289-1298.
10. Zhang P, Hua L, Hou H, Du X, He Z, Liu M, Hu X, **Yan N**. Sphingomyelin synthase 2 promotes H<sub>2</sub>O<sub>2</sub>-induced endothelial dysfunction by activating the Wnt/ $\beta$ -catenin signaling pathway. *Int J Mol Med* 2018; 42(6):3344-3354.
11. Wu Y, Zhao Y, He X, He Z, Wang T, Wan L, Chen L, **Yan N**. Hydroxypropyl- $\beta$ -cyclodextrin attenuates the epithelial-to-mesenchymal transition via endoplasmic reticulum stress in MDA-MB-231 breast cancer cells. *Mol Med Rep* 2020; 21(1):249-257.
12. Li H, Hou H, Liu S, Feng Y, Zhong W, Hu X, **Yan N**. miR-33 and RIP140 participate in LPS-induced acute lung injury. *Turk J Med Sci* 2019; 49(1):422-428.
13. Liu S, Hou H, Zhang P, Wu Y, He X, Li H, **Yan N**. Sphingomyelin synthase 1 regulates the epithelial-to-mesenchymal transition mediated by the TGF- $\beta$ /Smad pathway in MDA-MB-231 cells. *Mol Med Rep* 2019; 19(2):1159-1167.

14. Xia K, Zhang P, Hu J, Hou H, Xiong M, Xiong J, **Yan N**. Synergistic effect of receptor-interacting protein 140 and simvastatin on the inhibition of proliferation and survival of hepatocellular carcinoma cells. *Oncol Lett* 2018; 15(4):4344-4350.
15. Luo S, Pan Z, Liu S, Yuan S, **Yan N**. The sphingomyelin synthase 2 improve the apoptosis of HepG2 cells induced by cisplatin. *Oncol Lett* 2018 15(1):483-488.
16. Li J, Xia K, Xiong M, Wang X, **Yan N**. Effects of sepsis on the metabolism of sphingomyelin and cholesterol in mice with liver dysfunction. *Exp Ther Med*. 2017; 14(6):5635-5640.
17. Hu S, Ding Y, Gong J, **Yan N**. Sphingomyelin synthase 2 affect CD14- associated induction of NF- $\kappa$ B by lipopolysaccharides in acute lung injury in mice. *Mol Med Rep*. 2016;14(4):3301-3306.
18. **Yan N**, Ding T, Dong J, Li Y, Wu M. Sphingomyelin synthase overexpression increases cholesterol accumulation and decreases cholesterol secretion in liver cells. *Lipids in Health and Disease* 2011; 10 (46):1-8.

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