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生物医学工程与健康科学研究院



1、联系方式

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2、研究方向

肺损伤的分子机制研究；治疗肺损伤的药物靶点筛选；血管生物学。

3、近期发表的论文

[1] Ultrasound-triggered breast tumor sonodynamic therapy through hematoporphyrin monomethyl ether-loaded liposome. *Journal of biomedical materials research Part B, Applied biomaterials*. 2019;1-10.

[2] Endothelial Hypoxia-Inducible Factor-1alpha Is Required for Vascular Repair and Resolution of Inflammatory Lung Injury through Forkhead Box Protein M1. *The American journal of pathology*. 2019;189(8):1664-79.

[3] Lipopolysaccharide-induced endotoxemia in corn oil-preloaded mice causes an extended course of lung injury and repair and pulmonary fibrosis: A translational mouse model of acute respiratory distress syndrome. *PloS one*. 2017;12(3):e0174327.

[4] Oxidant Sensing by TRPM2 Inhibits Neutrophil Migration and Mitigates Inflammation. *Developmental cell*. 2016;38(5):453-62.

[5] Endothelial beta-Catenin Signaling Is Required for Maintaining Adult Blood-Brain Barrier Integrity and Central Nervous System Homeostasis. *Circulation*. 2016;133(2):177-86.

[6] Quinolinic acid induces cell apoptosis in PC12 cells through HIF-1-dependent RTP801

activation. *Metabolic brain disease*. 2016;31(2):435-44.

[7] Endothelial p110gammaPI3K Mediates Endothelial Regeneration and Vascular Repair After Inflammatory Vascular Injury. *Circulation*. 2016;133(11):1093-103.

[8] Endothelial FoxM1 mediates bone marrow progenitor cell-induced vascular repair and resolution of inflammation following inflammatory lung injury. *Stem cells*. 2014;32(7):1855-64

[9] Human CD34<sup>+</sup> progenitor cells freshly isolated from umbilical cord blood attenuate inflammatory lung injury following LPS challenge. *PloS one*. 2014;9(2):e88814.

[10] Tanshinone IIA dampens the cell proliferation induced by ischemic insult in rat astrocytes via blocking the activation of HIF-1alpha/SDF-1 signaling. *Life sciences*. 2014;112(1-2):59-67.

#### 4、出版的编著

[1] 李永金, 高静等。药理学[M], 镇江: 江苏大学出版社, 2016 (本人编写 5 万字)。

[2] 封云, 刘晗青等。《药理学(英文版)》[M], 镇江: 江苏大学出版社, 2016 (本人编写 6 万字)

#### 5、科研和教研项目

主持完成国家级项目 3 项, 省部级项目 1 项, 主持完成教学课题 2 项。