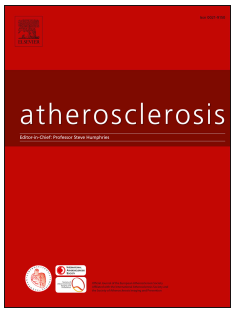
Accepted Manuscript



Understanding the role of non-coding RNA (ncRNA) in the stents restenosis

Shaoyan Liu, Yanyan Yang, Shaoyan Jiang, Ningning Tang, Jiawei Tian, Murugavel Ponnusamy, Muhammad Akram Tariq, Zhexun Lian, Hui Xin, Tao Yu

PII: S0021-9150(18)30164-3

DOI: 10.1016/j.atherosclerosis.2018.03.036

Reference: ATH 15444

To appear in: *Atherosclerosis*

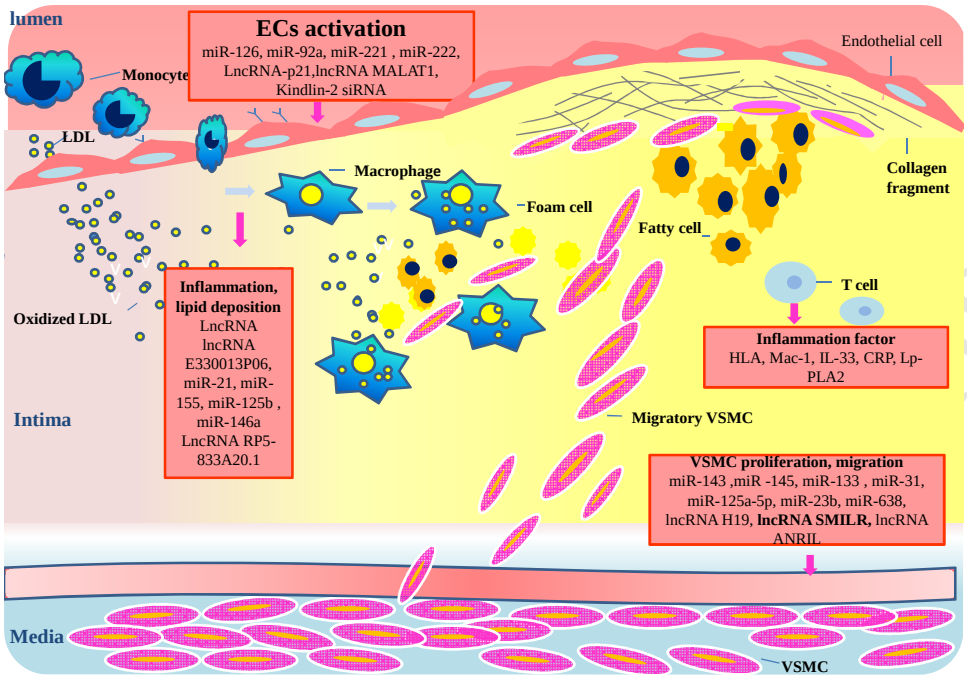
Received Date: 14 December 2017

Revised Date: 8 March 2018

Accepted Date: 21 March 2018

Please cite this article as: Liu S, Yang Y, Jiang S, Tang N, Tian J, Ponnusamy M, Tariq MA, Lian Z, Xin H, Yu T, Understanding the role of non-coding RNA (ncRNA) in the stents restenosis, *Atherosclerosis* (2018), doi: 10.1016/j.atherosclerosis.2018.03.036.

Graphical Abstract



The significant role of non-coding RNAs in the process of atherosclerosis.

Atherosclerosis is a key factor in the occurrence of restenosis, which is formed by various factors, including accumulation and modifition of lipid particles, adhesion and migration of monocytes, foam cell formation, proliferation and migration of smooth muscle cells and inflammatory reaction. Some non-coding RNAs, mainly miRNAs and lncRNAs participate in the regulation of the occurrence and development of stents restenosis.