

deals with lncRNA-mediated SIRT1 signaling pathways that play an essential role in lung cell senescence. Authors have utilized primary human alveolar epithelial cells in culture along with cigarette smoke-DMEM suspension (CSM) to demonstrate the involvement of lncRNA-SAL1 in AECII cell senescence through SIRT1-dependent mechanism. SIRT1 activation by SRT2104 and overexpression of senescence-associated lncRNA1 (SAL-RNA1) attenuates CSM-induced cellular senescence possibly via SIRT1-FOXO3a and p53 dependent signaling