

**OMTN, Volume 14**

**Supplemental Information**

**MicroRNA-29b Mediates Lung**

**Mesenchymal-Epithelial Transition and Prevents**

**Lung Fibrosis in the Silicosis Model**

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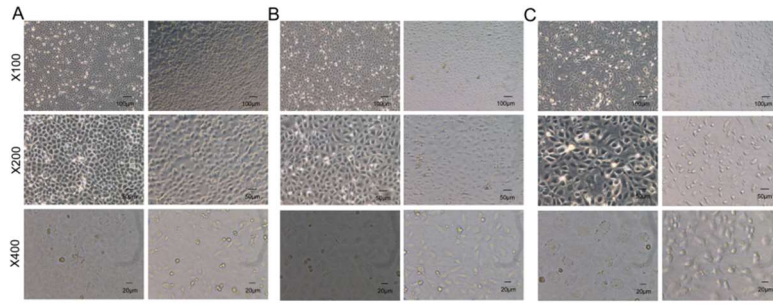


Figure S1

**Figure S1. Silica induced the morphology change of RLE-6TN cells.**

Exposure with silica for 48h induced a spindle-shaped change in RLE-6TN cells regardless of high (Figure S1A), medium (Figure S1B) and low (Figure S1C) confluence.

Table S1. The primer sequences of mRNA and miRNA

Oligo	Species	Forward Sequences 5'-3'	Reverse Sequences 3'-5'
<b>GAPDH</b>	Mouse	AAGAAGGTGGTGAAGCAGGC	TCCACCACCCTGTTGCTGTA
<b>CDH1</b>	Mouse	GATCCTGAGCTGCCTCACAA	CAGCCTGAACCACCAGAGTG
<b>VIM</b>	Mouse	CTGAGGCTGCCAACCGGAACAA	CCTCGCCTTCCAGCAGCTTCC
<b><math>\alpha</math>-SMA</b>	Mouse	GAGCATCCGACACTGCTGAC	GCACAGCCTGAATAGCCA CA
<b>COL1A1</b>	Mouse	GCTCCTCTTAGGGGCCACT	CCACGTCTCACCATTGGGG
<b>FN</b>	Mouse	CATCCTGTGGGGATGGATTC	TACGTGCAAGCACACCGATT
<b>Snail</b>	Mouse	TAGAGCTGACCTCGCTGTCC	GAGGTGGACGAGAAGGACGA
<b>GAPDH</b>	Rat	AAGAAGGTGGTGAAGCAGGC	TCCACCACCCTGTTGCTGTA
<b>CDH1</b>	Rat	ATGAGGTCGGTGCCCGTATT	CTCGTTGGTCTTGGGGTCTGT
<b>VIM</b>	Rat	CTGCTGGAAGGGGAGGAGAG	GGTCATCGTGGTGCTGAGAAG
<b><math>\alpha</math>-SMA</b>	Rat	CACGGCATCATCACCAACTG	CCACGCGAAGCTCGTTATAGA
<b>COL1A1</b>	Rat	CAATGGCACGGCTGTGTGCG	CACTCGCCCTCCCCTTTGG
<b>Snail</b>	Rat	AGAAGCCTTTCTCCTGCTCC	CACTGGTATCTCTTACATCCGA
<b>Tgfb1</b>	Rat	CGCAACAACGCAATCTATG	ACCAAGGTAACGCCAGGA
<b>U6</b>	Human mouse rat	GACACGCAAATTCGTGAAGC	
<b>miR-29b-3p</b>	Human mouse rat	UAGCACCAUUUGAAAUCAGUGUU	