

OMTO, Volume 14

Supplemental Information

Exosomal Leucine-Rich-Alpha2-Glycoprotein 1

Derived from Non-Small-Cell Lung Cancer Cells

Promotes Angiogenesis via TGF- β Signal Pathway

Zifan Li, Chao Zeng, Qiaohong Nong, Feihu Long, Jixian Liu, Zhimin Mu, Baokun Chen, Da Wu, and Hao Wu

Supplementary Materials

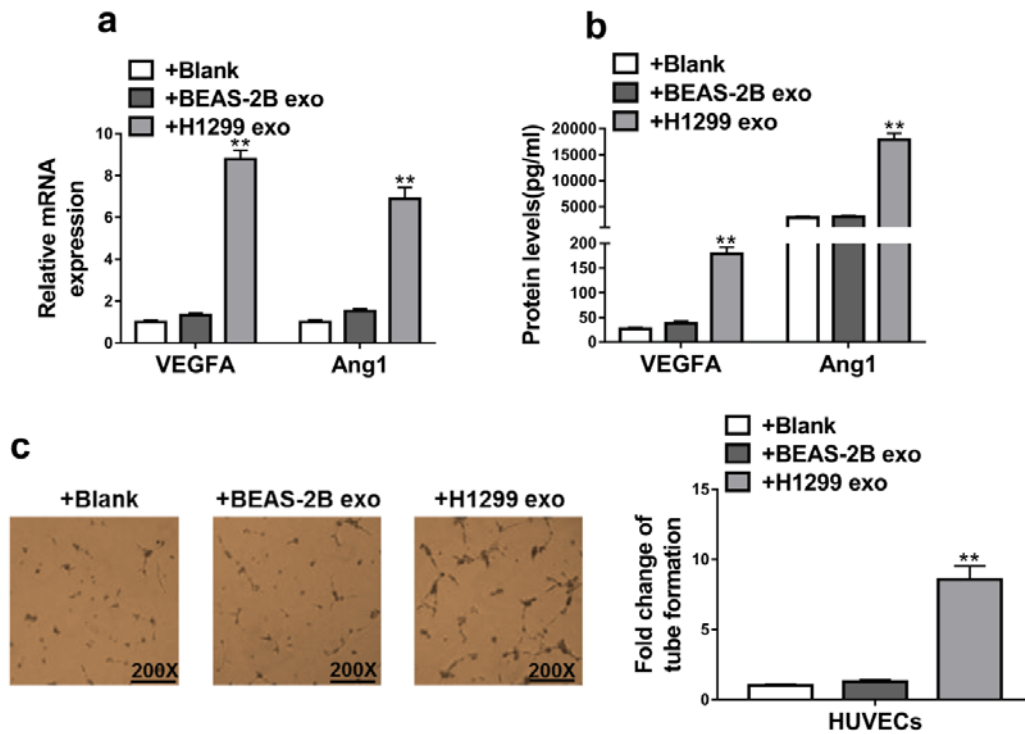


Figure S1. (a) The mRNA levels of proangiogenic factors VEGFA and Ang1 in HUVEC cells were determined by qRT-PCR. HUVEC cells were exposed to BEAS-2B cell-derived exosomes (+BEAS-2B exo) or H1299 cell-derived exosomes (+H1299 exo) or alone (Blank) for 48 h. (b) The protein levels of proangiogenic factors VEGFA and Ang1 in conditioned media of HUVEC cells were determined by ELISA. HUVEC cells were exposed to BEAS-2B cell-derived exosomes (+BEAS-2B exo) or H1299 cell-derived exosomes (+H1299 exo) or alone (Blank) for 48 h. (c) Representative images show the tube formation of HUVEC cells after the same exposure of corresponding exosomes. * $P < 0.05$; ** $P < 0.01$.

Table S1. Correlation of LRP1 expression with clinicopathological features in 100 NSCLC patients.

Variables	Expression of LRP1		P value
	Low (%)	High (%)	
Age			0.6870
<60	21(47.73%)	23(52.27%)	
≥60	29(51.79%)	27(48.21%)	
Gender			0.3093
Male	27(45.76%)	32(54.24%)	
female	23(56.10%)	18(43.90%)	
Smoking status			0.4177
No	19(45.24%)	23(54.76%)	
Yes	31(53.45%)	27(46.55%)	
Tumor size (cm)			0.0156
<3	34(60.71%)	22(39.29%)	
≥3	16(36.36%)	28(63.64%)	
TNM staging			0.0193
I	22(66.67%)	11(33.33%)	
II-IV	28(41.79%)	39(58.21%)	