

Table S1 Serum levels of laboratory markers

Variables	TACE patients mean (range)	Healthy controls mean (range)
MCP-1 (pg/mL)	617.62 (57.35–1,158.87)	131.47 (27.57–406.27)
miR-210 (Relative expression)	4.62 (0.17–18.76)	1.00 (0.00–4.36)

TACE, transarterial chemoembolization; MCP-1, monocyte chemoattractant protein-1; miR, microRNA.

Table S2 Discriminant abilities of the variables examined

Variables	Sensitivity	Specificity	Youden index	Optimal cut-off values
MCP-1	57.1%	88.5%	0.456	816.63
miR-210	64.3%	76.9%	0.412	4.43
MCP-1 combined miR-210	85.7%	68.2%	0.549	–1.74

MCP-1, monocyte chemoattractant protein-1; miR, microRNA.

Table S3 Preintervention MCP-1 and miR-210 serum levels with objective response after TACE

Characteristics	OR	non-OR	P value
Preintervention MCP-1 Serum Levels			0.007
Low (≤ 816.63 pg/mL)	23 (88.5%)	6 (42.9%)	
High (> 816.63 pg/mL)	3	8	
Preintervention miR-210 Serum Levels ($\leq 4.43 / > 4.43$ relative expression)			0.010
Low (≤ 4.43 relative expression)	20 (76.9%)	5 (35.7%)	
High (> 4.43 relative expression)	6	9	

MCP-1, monocyte chemoattractant protein-1; TACE, transarterial chemoembolization; OR, objective response; miR, microRNA.

Table S4 Multivariate logistic regression models of preintervention MCP-1 and miR-210 serum levels with tumor response

Variables	B	Wald	P value	95% CI
MCP-1	2.273	6.561	0.010	1.705–55.234
miR-210	1.734	4.429	0.035	1.126–28.457
Constant	–2.068	10.061		

MCP-1, monocyte chemoattractant protein-1; miR, microRNA.