Table S1. Clinical characteristics of patients.

Characteristics	Men	Women
Number of patients	30	
	16	14
Age, years	52,8±14,6	
	52,2±15,9	53,4±12,8
Hypertension, n (%)	13 (43,3%)	
Carbohydrate metabolism disorders, n (%)	0 (0%)	
Dyslipidemia, n (%)	0 (0%)	
Obesity, n (%)	0 (0%)	
BMI, kg/m2	23,4±2,3	
	23,1±1,8	23,7±2,7
Smoker, n (%)	5 (16,7%)	

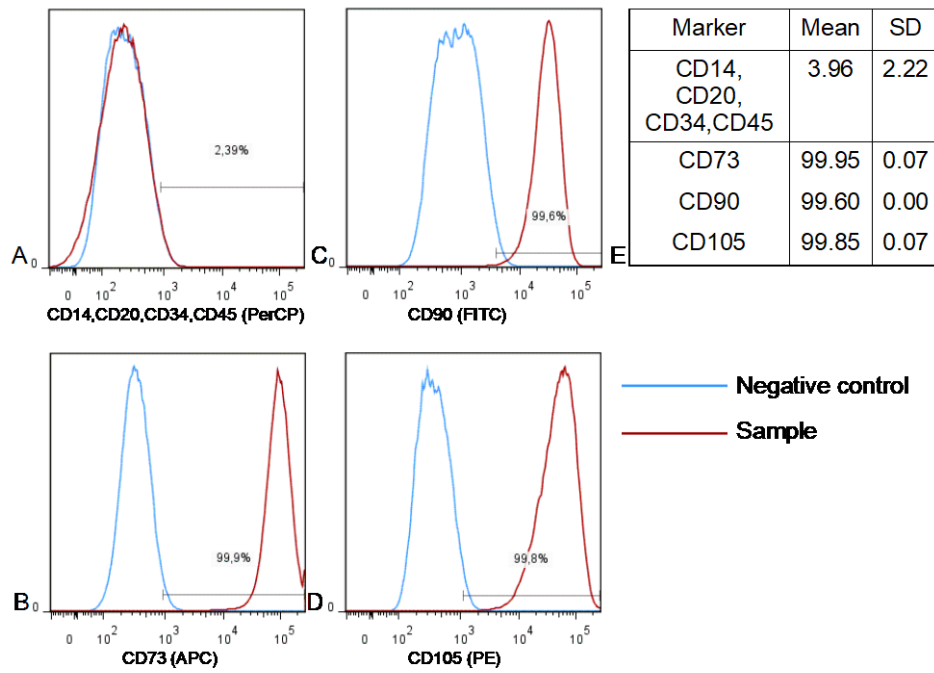| Marker	Mean	SD
CD14, CD20, CD34,CD45	3.96	2.22
CD73	99.95	0.07
CD90	99.60	0.00
CD105	99.85	0.07

Figure S1. Phenotypic characterization of adipose-derived MSC. Flow cytometric analysis was performed as described in "Materials and Methods". A – analysis of CD14, CD20, CD34, CD45 expression (PerCP); B – CD73 (APC); C – CD90 (FITC); D – CD105 (PE). E – Average percent and SD of cells stained positive for the markers. The results from 2 donors were presented in the table.
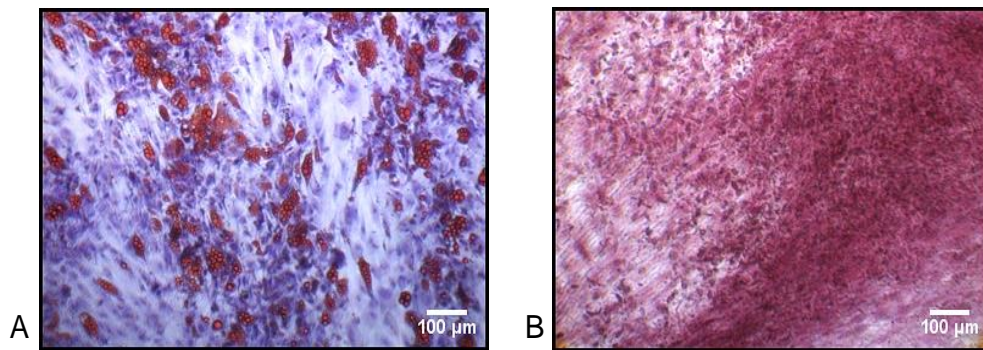

Figure S2. Adipogenic (A) and osteogenic (B) differentiation of human adipose-derived MSC. Scalebars mark 100 um.