

Table S1. IL-8 and MCP-1 cerebrospinal fluid (CSF) and serum concentrations and their Quotients in unruptured intracranial aneurysm (UIA) patients compared to control group.

	UIA GROUP	CONTROL GROUP	<i>P-value</i>
	(No.=25)	(No.=20)	
CSF			
IL-8 [pg/ml]	31.3 (25.7-39.9)	26.5 (23.1-33.9)	0.303
MCP-1 [pg/ml]	489.8 (365.8-712.0)	489.1 (422.8-640.4)	0.957
SERUM			
IL-8 [pg/ml]	10.9 (9.3-13.0)	16.5 (11.4-33.2)	0.065
MCP-1 [pg/ml]	271.6 (217.6-350.4)	314.7 (268.0-382.6)	0.240
Quotient			
IL-8 Quotient	2.83 (1.97-3.72)	1.55 (0.77-2.70)	0.045
MCP-1 Quotient	1.77 (1.45-2.03)	1.62 (1.20-2.01)	0.418

Table S2. CSF and serum IL-8 and MCP-1 concentrations and Quotient values depending on aneurysm risk factors: median age value, gender, smoking, hypertension and obesity.

	AGE		P-value
	< 60	≥ 60	
CSF IL-8 [pg/ml]	31.7 (26.2-39.9)	30.5 (20.6-41.6)	0.461
Serum IL-8 [pg/ml]	11.0 (9.6-16.1)	9.9 (8.8-12.5)	0.461
IL-8 Quotient	2.8 (1.9-4.0)	2.7 (2.0-3.4)	0.723
CSF MCP-1 [pg/ml]	537.4 (362.4-712.0)	408.2 (365.8-740.0)	0.807
Serum MCP-1 [pg/ml]	271.6 (221.4-367.4)	265.3 (216.6-312.4)	0.397
MCP-1 Quotient	1.7 (1.5-2.0)	1.9 (1.4-2.3)	0.683
	GENDER		
	Female	Male	
CSF IL-8 [pg/ml]	30.5 (23.8-40.7)	36.7 (31.3-36.9)	0.488
Serum IL-8 [pg/ml]	10.2 (9.3-12.1)	12.5 (12.2-16.01)	0.272
IL-8 Quotient	2.7 (2.0-3.9)	3.0 (2.3-3.4)	0.767
CSF MCP-1 [pg/ml]	425.3 (364.21-638.4)	712.0 (627.2-740.0)	0.216
Serum MCP-1 [pg/ml]	262.1 (217.1-352.6)	278.0 (235.0-294.0)	0.869
MCP-1 Quotient	1.7 (1.4-1.9)	2.1 (2.0-2.7)	0.083
	SMOKING		
	No	Yes	
CSF IL-8 [pg/ml]	31.7 (25.7-39.9)	29.6 (24.2-41.9)	0.849
Serum IL-8 [pg/ml]	11.3 (9.6-16.4)	9.7 (8.8-10.9)	0.129
IL-8 Quotient	2.5 (1.7-4.0)	3.0 (2.3-3.7)	0.461
CSF MCP-1 [pg/ml]	603.6 (362.4-761.4)	458.7 (365.8-540.6)	0.428
Serum MCP-1 [pg/ml]	271.6 (216.6-350.4)	373.3 (230.6-352.4)	0.849
MCP-1 Quotient	1.8 (1.4-2.3)	1.7 (1.5-2.0)	0.567
	HYPERTENSION		
	No	Yes	
CSF IL-8 [pg/ml]	30.1 (25.7-31.7)	36.2 (24.8-41.7)	0.419
Serum IL-8 [pg/ml]	11.0 (8.6-16.4)	10.6 (9.6-12.3)	0.978
IL-8 Quotient	2.8 (1.7-4.0)	2.8 (2.3-3.7)	0.637
CSF MCP-1 [pg/ml]	673.2 (540.6-761.4)	373.1 (349.3-558.5)	0.005
Serum MCP-1 [pg/ml]	350.4 (230.6-375.0)	262.1 (207.2-304.6)	0.169
MCP-1 Quotient	1.8 (1.7-2.3)	1.7 (1.4-2.0)	0.229
	OBESITY		
	BMI < 29.99	BMI ≥ 30.00	
CSF IL-8 [pg/ml]	31.7 (24.2-41.6)	30.7 (28.1-36.9)	0.926
Serum IL-8 [pg/ml]	10.9 (9.3-16.1)	10.5 (9.6-16.1)	0.598
IL-8 Quotient	2.6 (1.9-3.7)	3.7 (2.3-5.0)	0.247
CSF MCP-1 [pg/ml]	427.6 (362.2-673.2)	614.9 (380.0-761.4)	0.303
Serum MCP-1 [pg/ml]	271.6 (221.4-3652.8)	247.3 (196.7-296.8)	0.333
MCP-1 Quotient	1.7 (1.4-2.0)	2.3 (1.7-3.5)	0.138