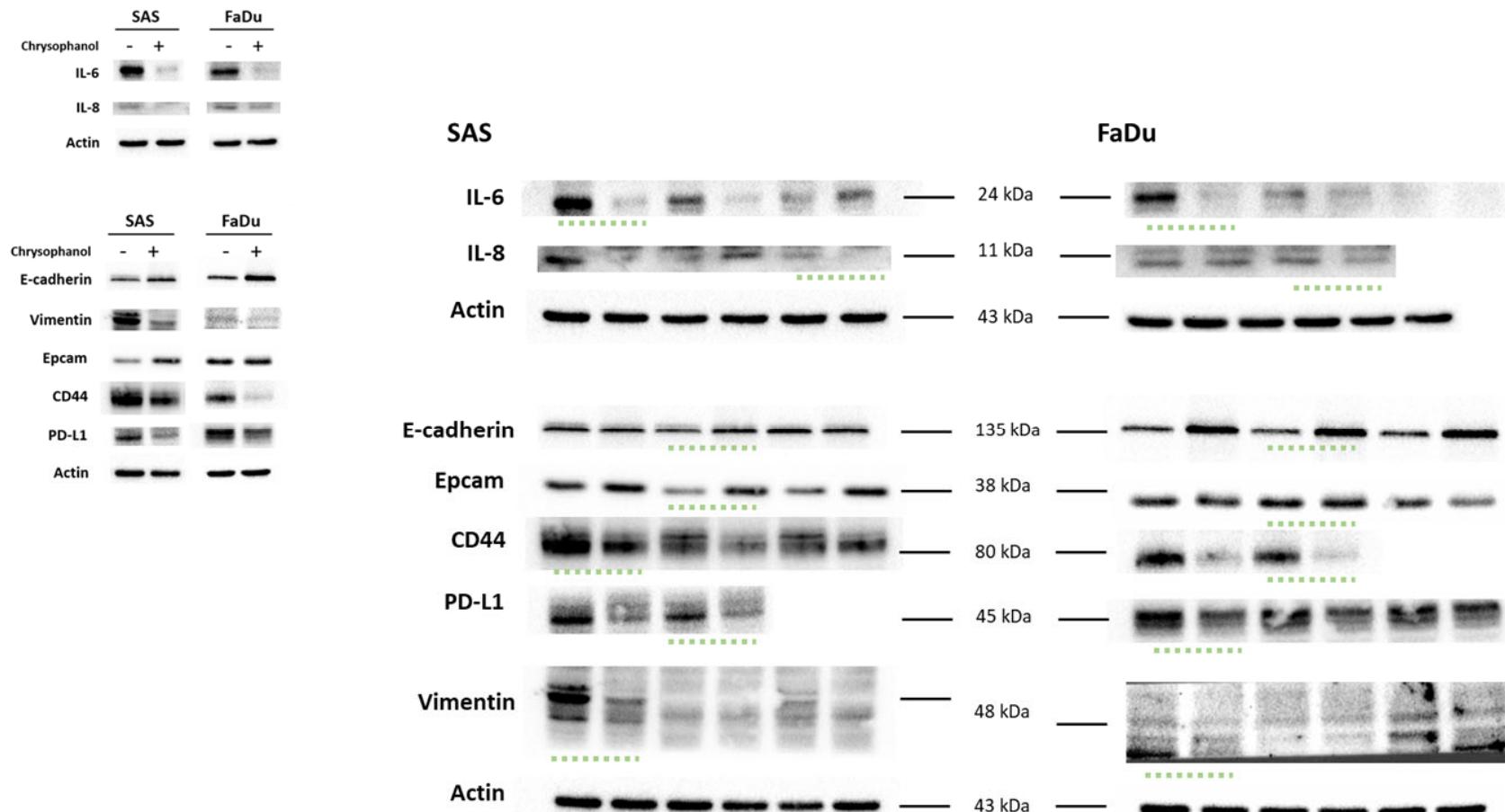


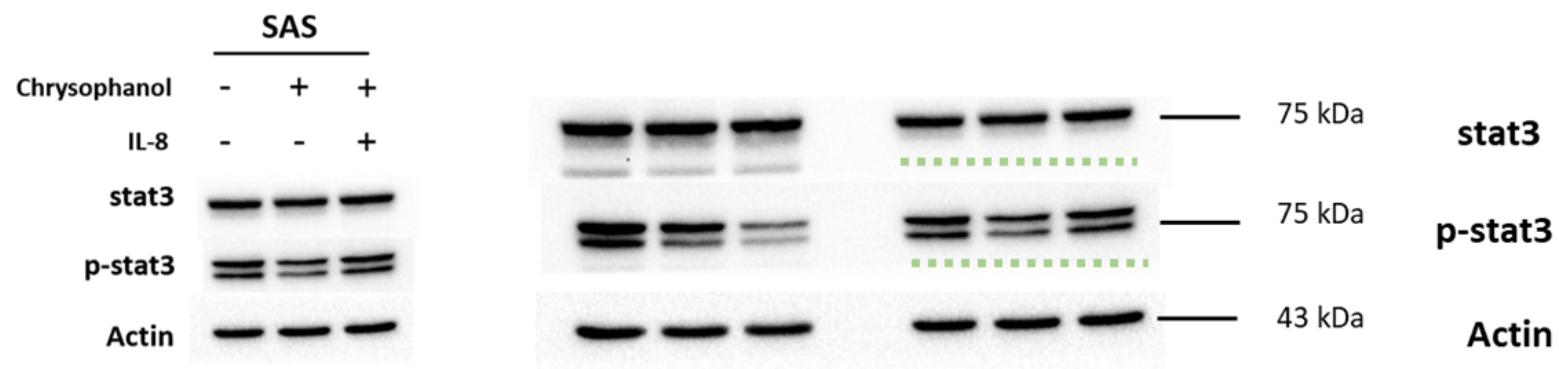
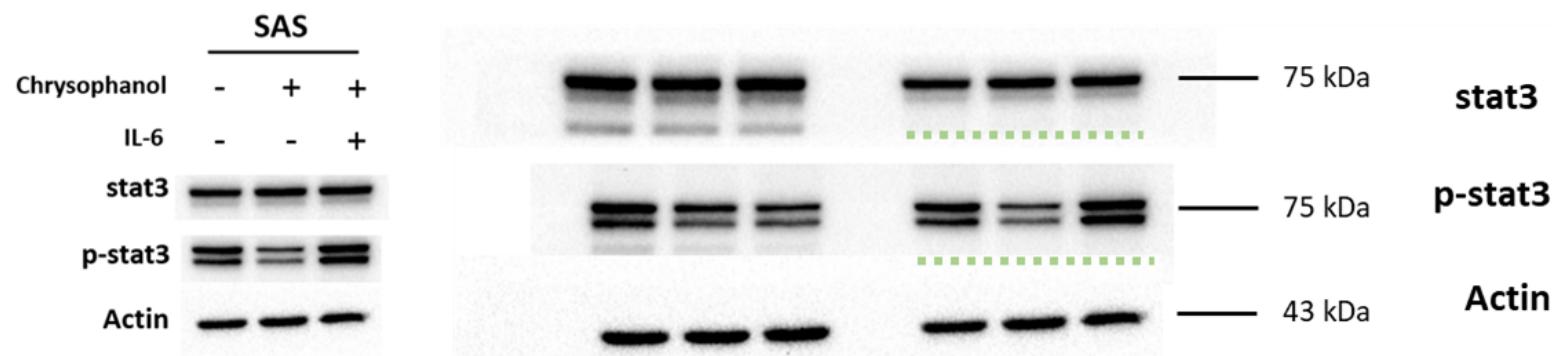
*Supplementary materials:*

## **Interleukin-6 and Interleukin-8 Regulate STAT3 Activation Migration/Invasion and EMT in Chrysophanol-Treated Oral Cancer Cell Lines**

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**Figure S1.** Effect of chrysophanol on inflammation and EMT in SAS and FaDu cell lines – whole blot.



**Figure S2:** Chrysophanol inhibits invasion and STAT3 phosphorylation in SAS cells – whole blot.

Figure S1		Control			Chrysophanol-SAS			Chrysophanol-FaDu					
	IL-6	100	100	100	19	21	18.2	54.5	56	54.7			
	IL-8	100	100	100	71	67	65.2	94	91.3	92.7			
	E-cadherin	100	100	100	164	145	141	222	225	220			
	EpCAM	100	100	100	201	205	182.4	206.2	172.6	198			
	Vimentin	100	100	100	51.1	49.3	53.9	55.1	70.71	59			
	CD44	100	100	100	75.5	72.1	70	33.9	26	31.5			
	PD-L1	100	100	100	70.4	72.5	70.1	52.36	63.3	55			
Figure S2		Control			Chrysophanol-SAS			IL-6-SAS			IL-8-SAS		
	p-STAT3	100	100	100	36.8	39.1	40.2	101.6	120.9	117.7	101.1	93.8	89.3
		100	100	100	38.37	35.4							