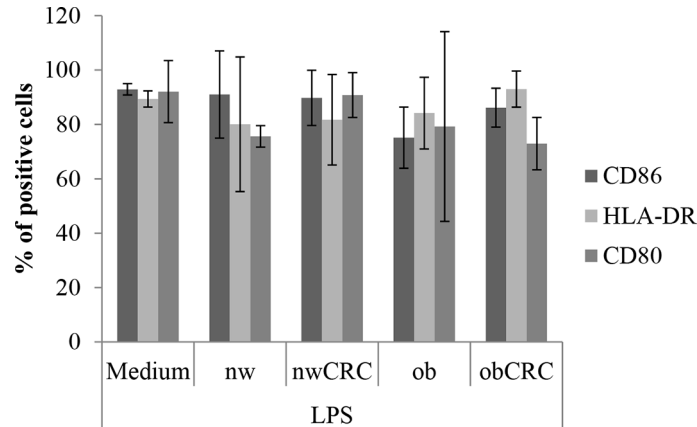
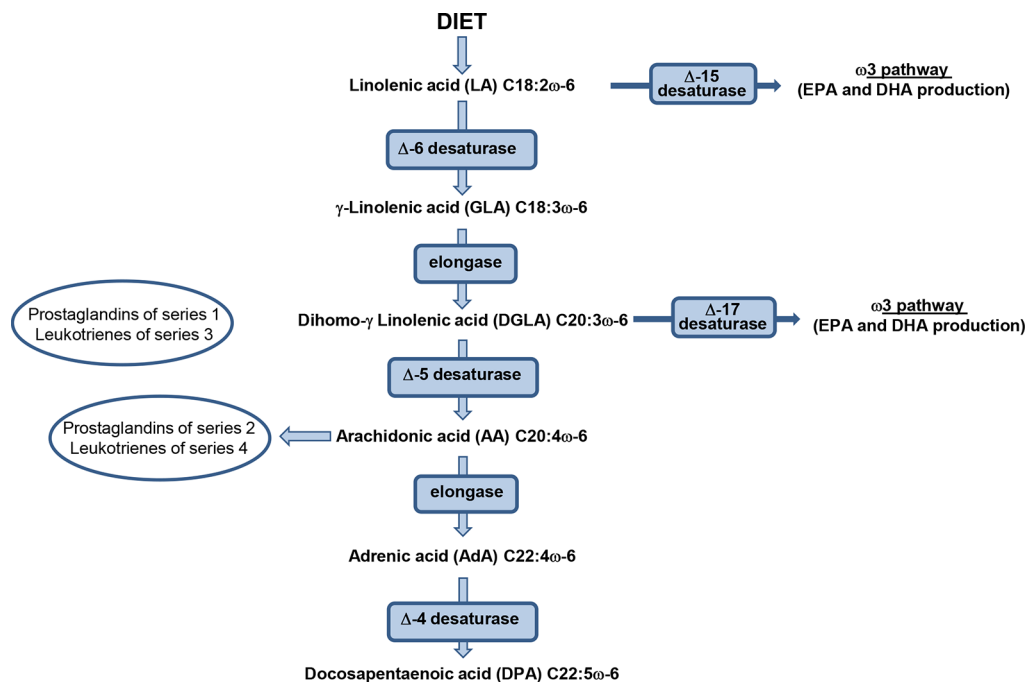


Visceral fat adipocytes from obese and colorectal cancer subjects exhibit distinct secretory and $\omega 6$ polyunsaturated fatty acid profiles and deliver immunosuppressive signals to innate immunity cells

Supplementary Materials



Supplementary Figure S1: Adipocyte microenvironment does not alter DC phenotypic maturation. 5-day-cultured control DC (Medium), nw ($n=6$), ob ($n=6$), nwCRC ($n=4$) and obCRC ($n=4$)–ACM DC were treated with LPS (10 ng/ml) for 24 hours. Cells were stained with CD80, CD86 and HLA-DR and analyzed by flow cytometry. Data are shown as means of the percentage of positive cells \pm SEM.



Supplementary Figure S2: Pathway of biosynthesis of $\omega 6$ PUFAs. The metabolic pathway of $\omega 6$ PUFAs generates different metabolites with pro- or anti-inflammatory activities. The involvement of LA and DGLA in $\omega 3$ PUFAs metabolism is indicated.