

**Omentin-1 ameliorates the progress of osteoarthritis by promoting IL-4-dependent anti-inflammatory responses and M2 macrophage polarization**

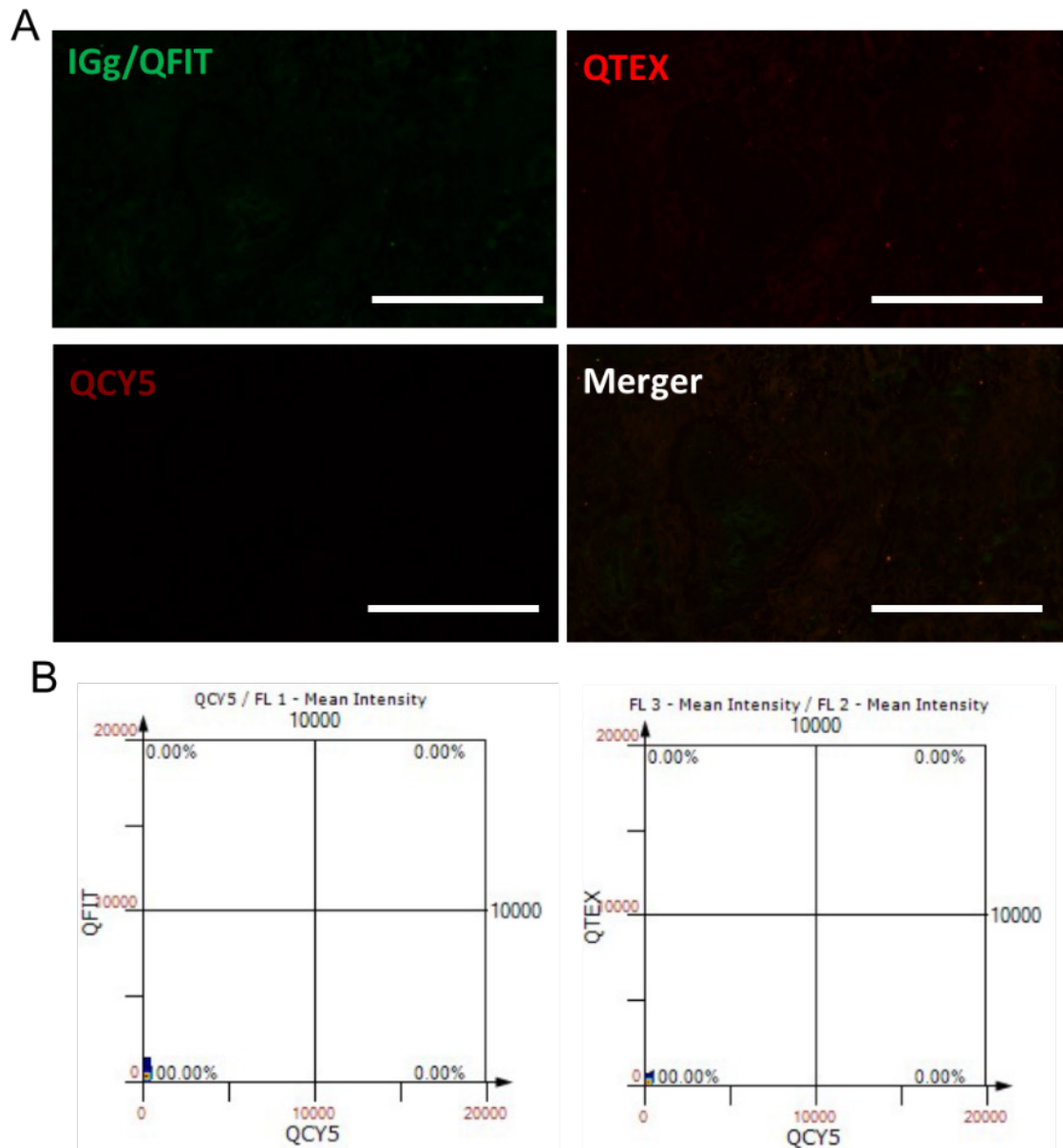
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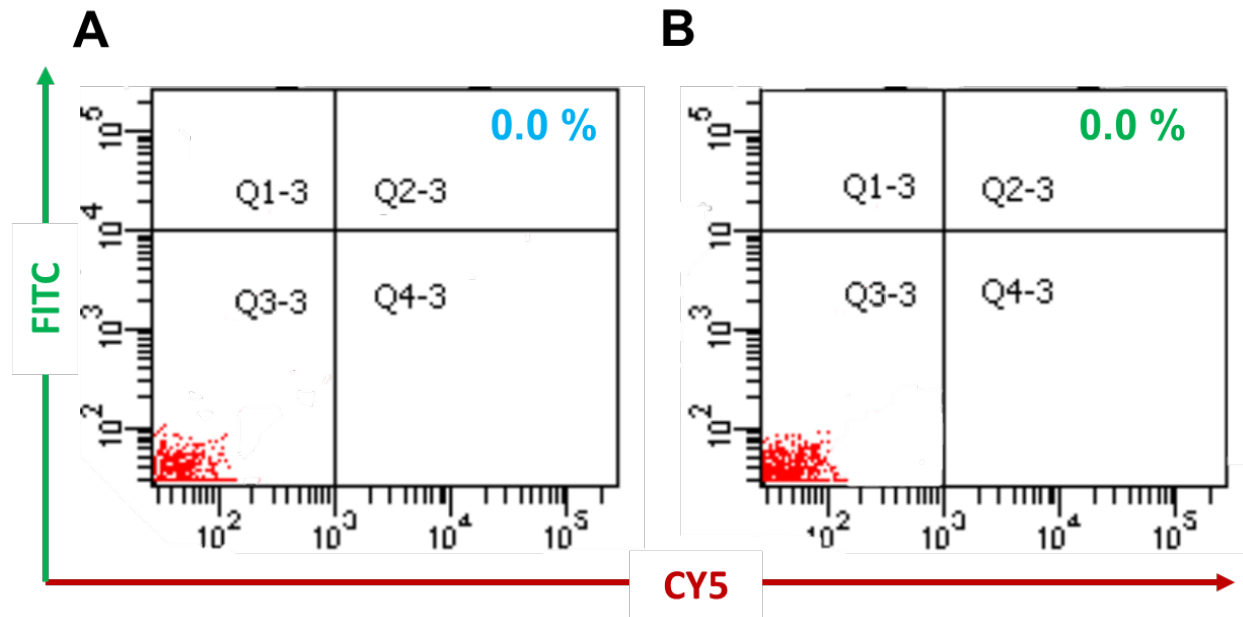
Supplementary data

Supplementary Table

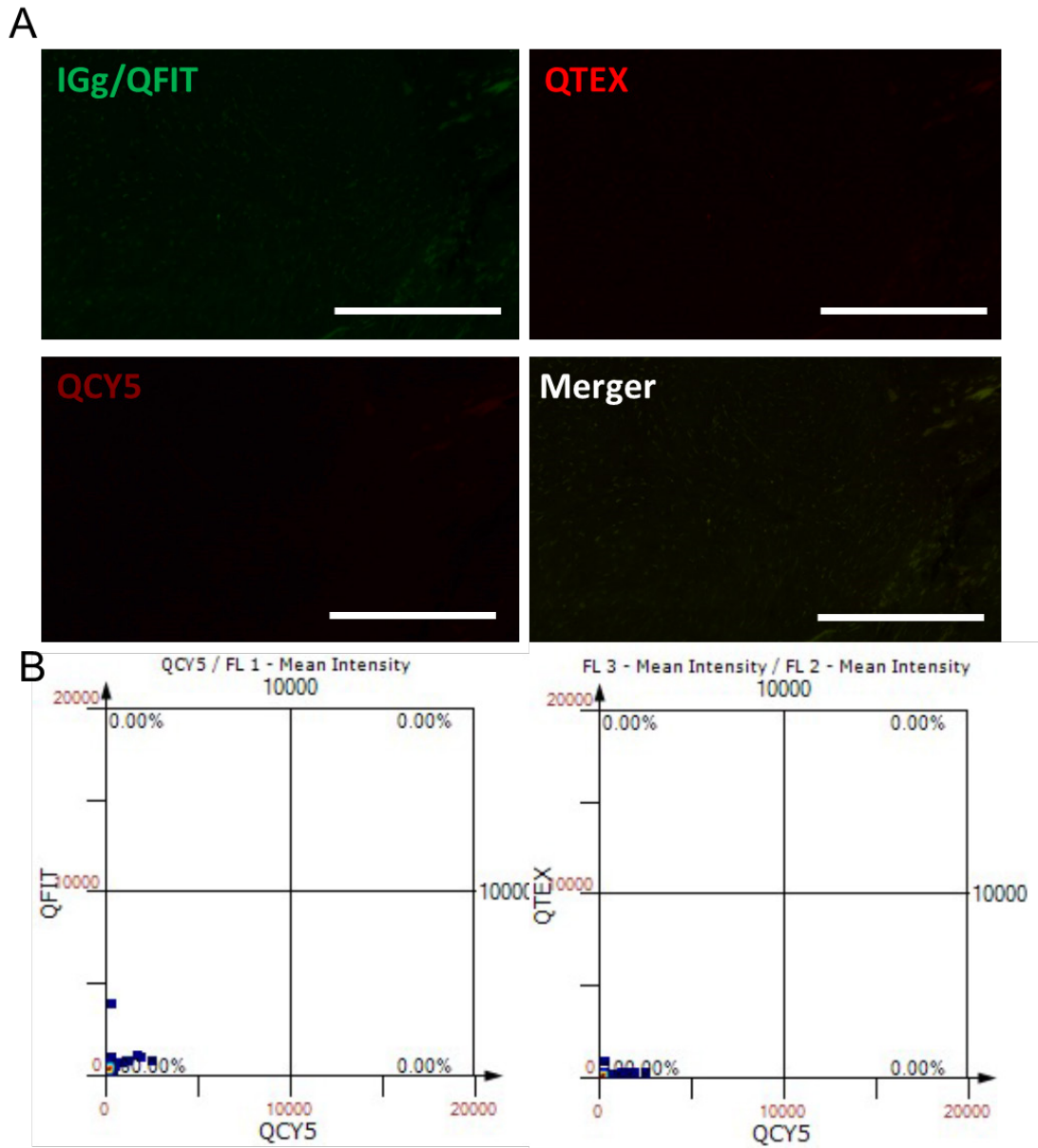
## Supplementary data



**Supplementary Figure S1.** (A) Immunofluorescence staining for IgG in synovial tissue samples from OA patients. (B) TissueFAXS analysis of fluorescence intensity for fluorescein isothiocyanate (QFIT), Texas red (QTEX), and Cyanine dye cy5 (QCY5).



**Supplementary Figure S2.** Flow cytometry analysis of THP-1 cells incubated with PMA for 24 hours prior to stimulation using conditioned medium (CM) from OASF with (A) or without (B) omentin-1 treatment for 24 hours. Fluorescein isothiocyanate (FITC), and Cyanine dye cy5 (CY5).



**Supplementary Figure S3.** (A) Immunofluorescence staining for IgG in synovial tissue samples from ACLT rats. (B) TissueFacs analysis of fluorescence intensity for Fluorescein isothiocyanate (QFIT), Texas red (QTEX), and Cyanine dye cy5 (QCY5).

**Supplementary Table S1.** Primers used in this study.

<b>Gene</b>	<b>Forward</b>	<b>Reverse</b>
<i>Arginase 1</i>	GTGGAAACTTGCATGGACAAC	AATCCTGGCACATCGGGAATC
<i>CD163</i>	TTTGTCAACTTGAGTCCCTTCAC	TCCCGCTACACTTGTTTTCAC
<i>CD206</i>	GGGTTGCTATCACTCTCTATGC	TTTCTTGTCTGTTGCCGTAGTT
<i>IL-4</i>	CGAGTTGACCGTAACAGACAT	CGTCTTTAGCCTTTCCAAGAAG
<i>IL-1<math>\beta</math></i>	ATGATGGCTTATTACAGTGGCAA	GTCGGAGATTCGTAGCTGGA
<i>IL-6</i>	AGACAGCCACTCACCTCTTCAG	TTCTGCCAGTGCCTCTTTGCTG
<i>IL-8</i>	CTGCGCCAACACAGAAATTATTGTA	TTCACTGGCATCTTCACTGATTCTT
<i>IL-10</i>	GACTTTAAGGGTTACCTGGGTTG	TCACATGCGCCTTGATGTCTG-3
<i>IL-13</i>	ACGGTCATTGCTCTCACTTGCC	CTGTCAGGTTGATGCTCCATACC
<i>GAPDH</i>	AATGGACAACCTGGTCGTGGA	CCCTCCAGGGATCTGTTTG
<i>TNF-<math>\alpha</math></i>	CCTCTCTCTAATCAGCCCTCTG	GAGGACCTGGGAGTAGATGAG