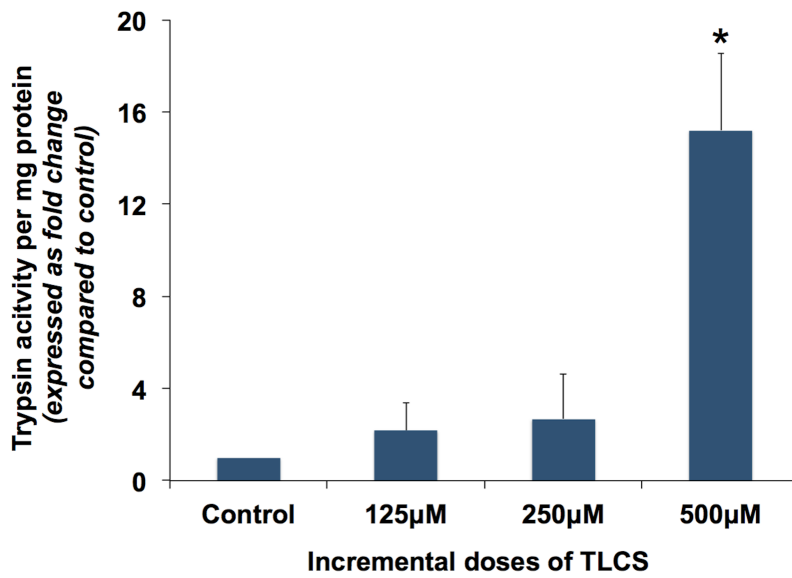


Acinar injury and early cytokine response in human acute biliary pancreatitis.

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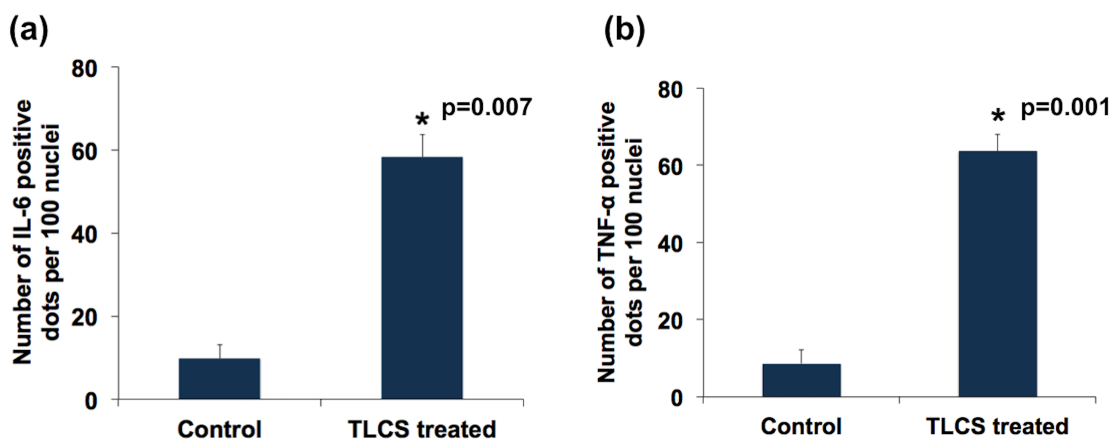


Supplementary Figure S1:

Effect of increasing doses of TLCS on trypsin activation in human pancreatic acini.

Human pancreatic acinar clusters were exposed to different doses of TLCS for 1 hr followed by evaluation of trypsin activation.

Significantly high trypsin activity was observed at a dose of 500M of TLCS, while there was no increase in trypsin activity at doses of 125M and 250M.



Supplementary figure S2:

Histograms showing the quantitative representation of IL-6 (a) and TNF-α (b) within human pancreatic acinar cells after treatment with 500µM TLCS for 6hrs. Error bars indicate SEM.

Supplementary figure S3:

Representative FACS images showing a panel of cytokines in patients with mild AP (MAP), moderately severe AP (MSAP) and severe AP (SAP).

The cytokines shown in the images are (from top to bottom):

IL-8, IL-1b, IL-6, IL-10, TNF- α , and IL-12p70.

