

Supplementary Figure Legends:

Supplementary Figure. 1

a-c: Immunohistochemical analysis of TNF α in normal pancreas, chronic pancreatitis and pancreatic cancer

- a) Normal pancreatic tissue showing TNF α expression
- b) Chronic pancreatitis tissue showing high expression of TNF α
- c) Pancreatic cancer tissue showing high expression of TNF α

All the sections were examined at 20X. Arrows indicate TNF α expression

d: Tissue lysates were analysed by immunoblotting with anti- TNF α antibody

- Lane N: Normal pancreatic tissue lysate
- Lane CP: Chronic pancreatitis tissue lysate
- Lane PC: Pancreatic cancer tissue lysate

The expression of TNF α (25 KDa) was seen in all the stages with strong intensity in chronic pancreatitis and pancreatic cancer.

e: β -actin was used as loading control for all the western blots.

f: Graph showing the relative expression of TNF α

Supplementary Figure.2

a: RT-PCR analysis of Cyclin D1 in normal pancreas, chronic pancreatitis and pancreatic cancer

- Lane 1: DNA Ladder of 100-1000bps
- Lane 2: Normal pancreatic tissue showing mild expression of Cyclin D1
- Lane 3: Chronic pancreatitis tissue showing moderate expression of Cyclin D1
- Lane 4: Pancreatic cancer tissue showing high expression of Cyclin D1

b: Graph showing relative expression of Cyclin D1

c: RT-PCR analysis of C-Myc in normal pancreas, chronic pancreatitis and pancreatic cancer

- Lane 1: DNA Ladder of 100-1000bps
- Lane 2: Normal pancreatic tissue showing C-Myc expression
- Lane 3: Chronic pancreatitis tissue showing moderate level expression of C-Myc
- Lane 4: Pancreatic cancer tissue showing strong expression of C-Myc

d: Graph showing relative expression of C-myc

e: RT-PCR analysis of Fas in normal, chronic pancreatitis and pancreatic cancer.

Lane 1: DNA Ladder of 100-1000bps

Lane 2: Normal pancreatic tissue showing high expression of Fas

Lane 3: Chronic pancreatitis tissue showing moderate expression of Fas

Lane 4: Pancreatic cancer tissue showing mild expression of Fas

f: Graph showing relative expression of Fas

g: β -actin was used as loading control for western blots