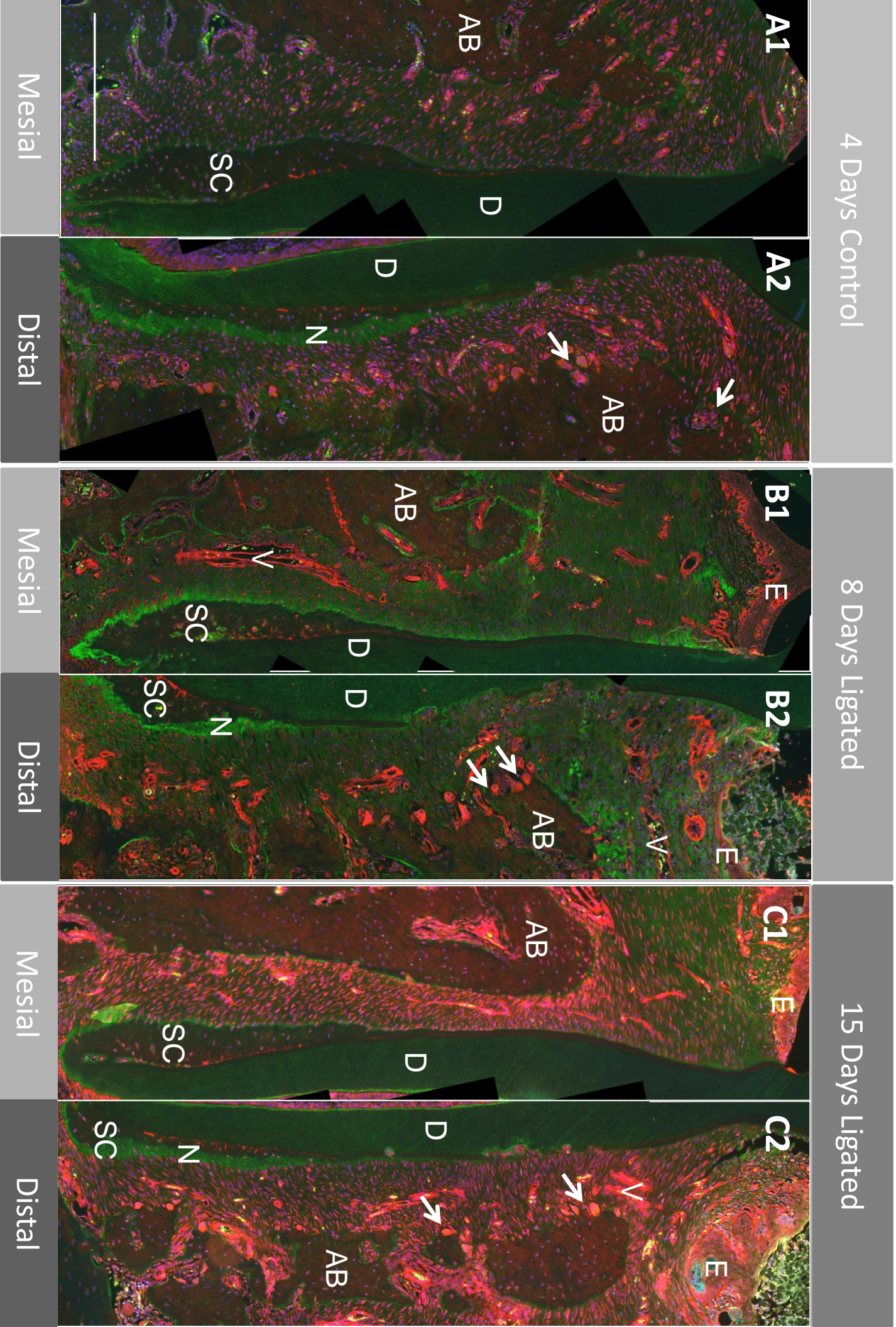
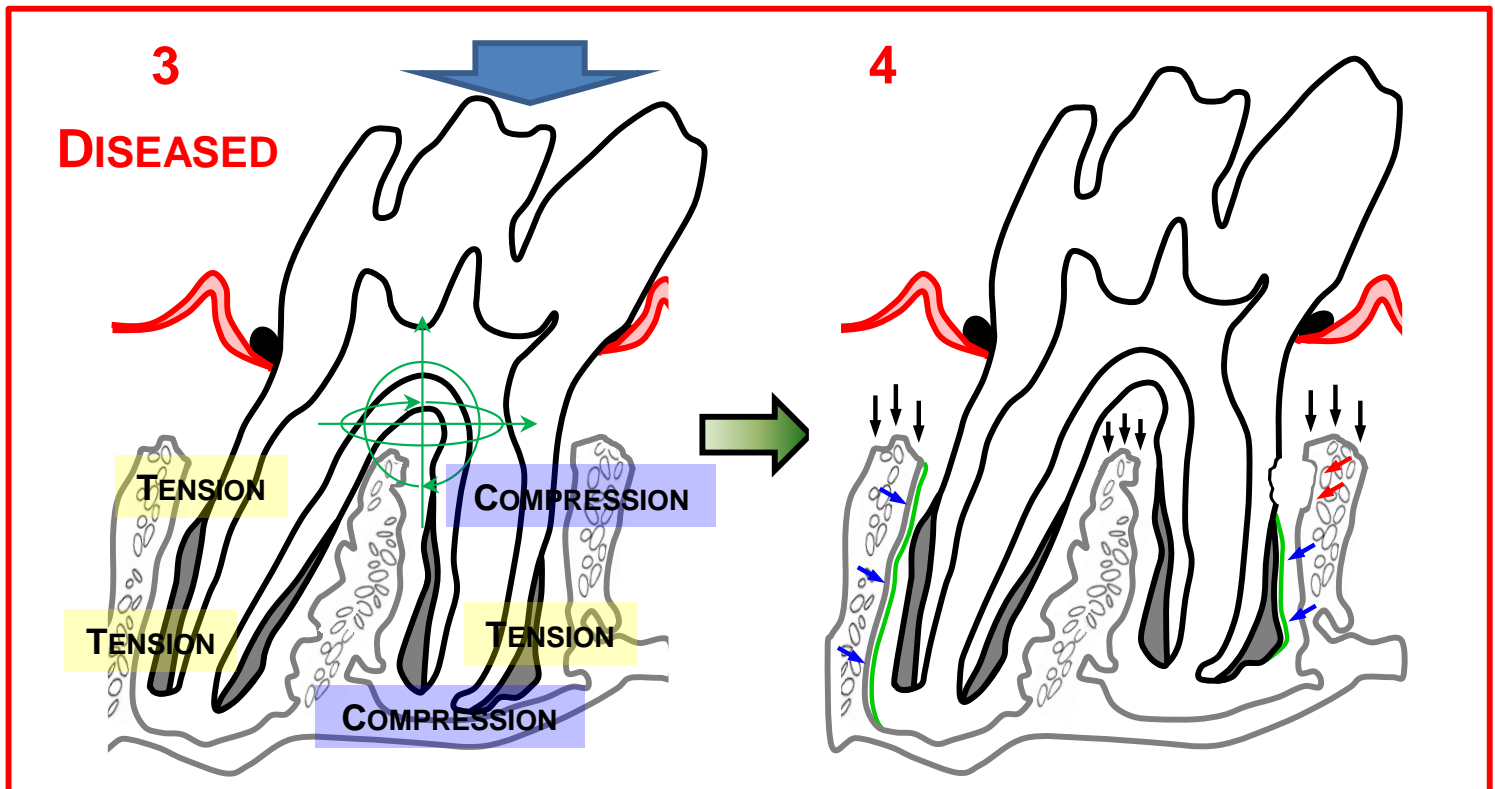
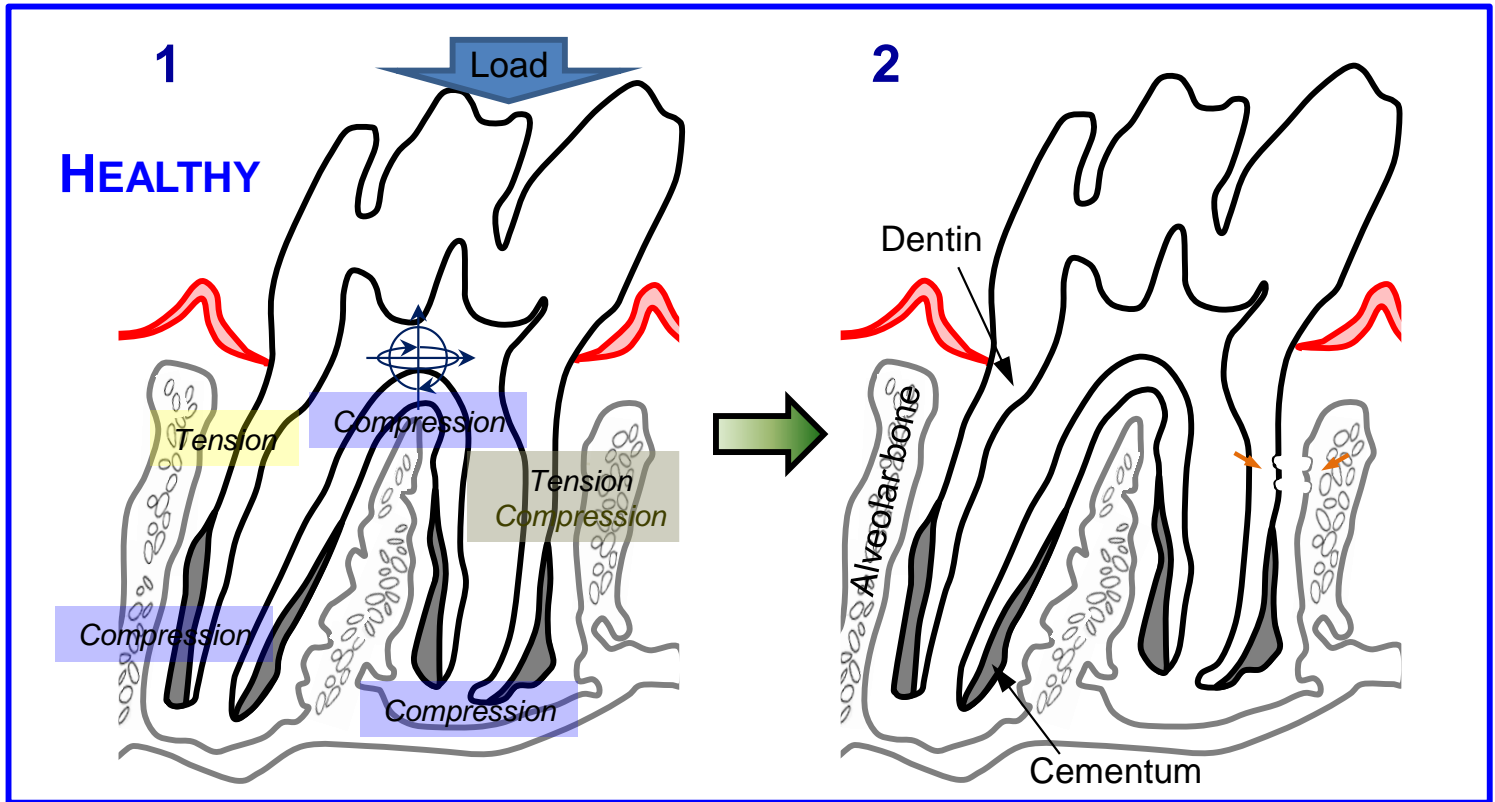


Supplemental Figure 2





Supplemental Figure 3A

PDL-space

RANKL

TNF- α

FN

TRAP

PSR

Mesial

MESIAL complex predominantly maintained by physiological remodeling

Net decrease in PDL-space

BONE & PDL-BONE attachment site:

RANKL (-)

TNF (-)

FN (+)

TRAP (-)

PSR (+)

CEMENTUM & PDL-CEMENTUM

attachment site:

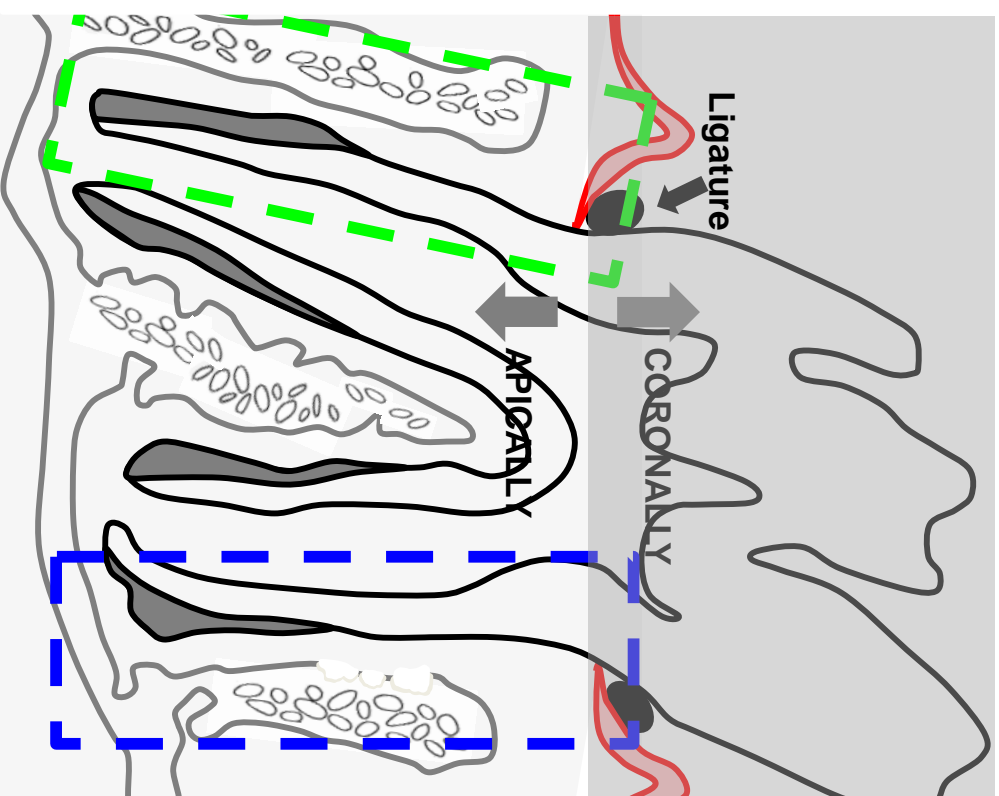
RANKL (-)

TNF (-)

FN (+)

TRAP (-)

PSR (+)



Distal

DISTAL complex predominantly experiences increased resorption with time

Net increase in PDL-space

BONE & PDL-BONE attachment site:

RANKL (++)

TNF (++)

FN (-)

TRAP (++)

PSR (+)

CEMENTUM & PDL-CEMENTUM

attachment sites/interfaces:

RANKL (-)

TNF (-)

FN (++)

TRAP (-)

PSR (++)

(+) increased expression (-) no noticeable change