

FIG 1A

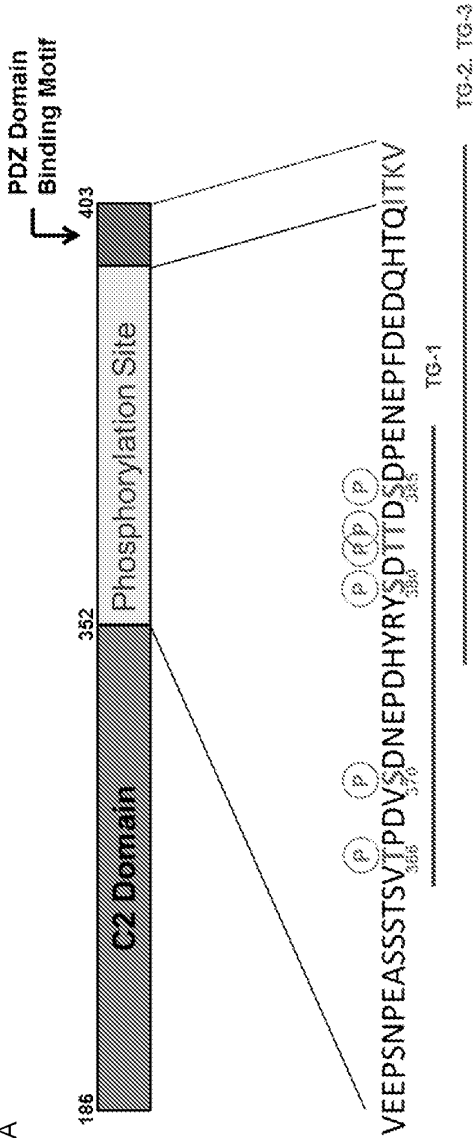


FIG 1B

- * TGN-1 Peptide : RRRRRRRR-VTPDV[ps]DNEPDHYRY[ps]DTTD[ps]DPE-amide
- * TGN-2 Peptide : RRRRRRRR-HYRY[ps]DTTD[ps]DPENEPFDEDEDQHTQITKV-amide
- * TGN-3 Peptide : RRRRRRRR-HYRYVDTTDVDPENEPFDEDEDQHTQITKV-amide
- * TGN-4 Peptide : RRRRRRRR-SDDEYTDNPDSRYVSDTPVDTEH-amide → TGN-1 scrambled sequence
- * TGN-5 Peptide : RRRRRRRR-DEHDEYTPDYRQET[ps]SQPTDKSDVI-amide → TGN-2,3 scrambled sequence

FIG 2A

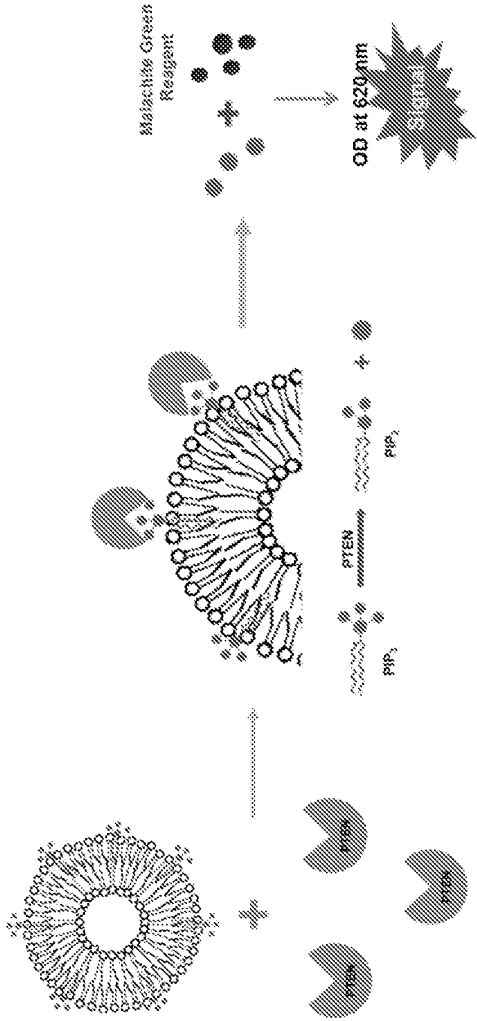


FIG 2B

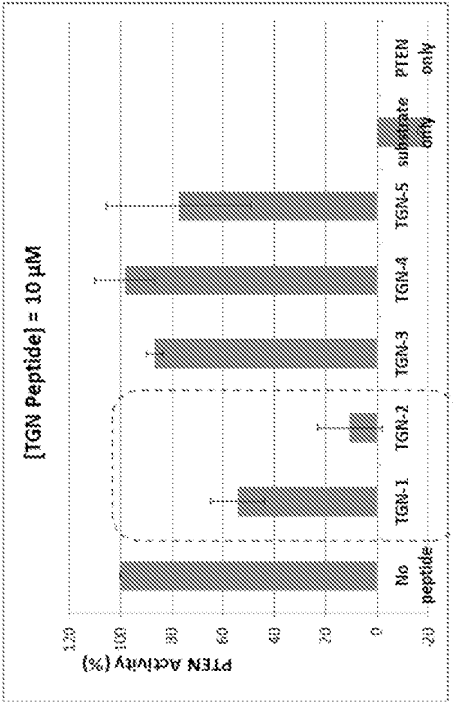
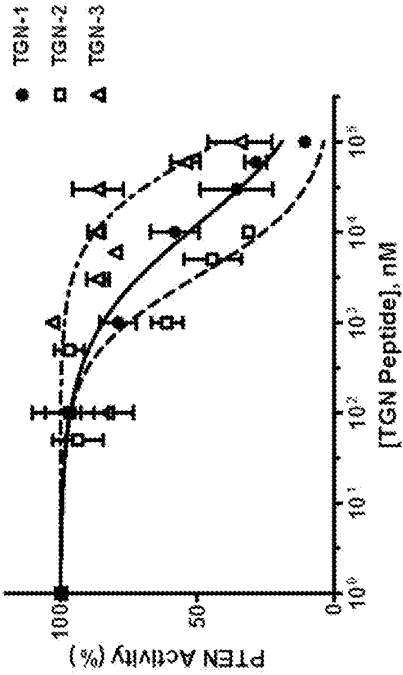
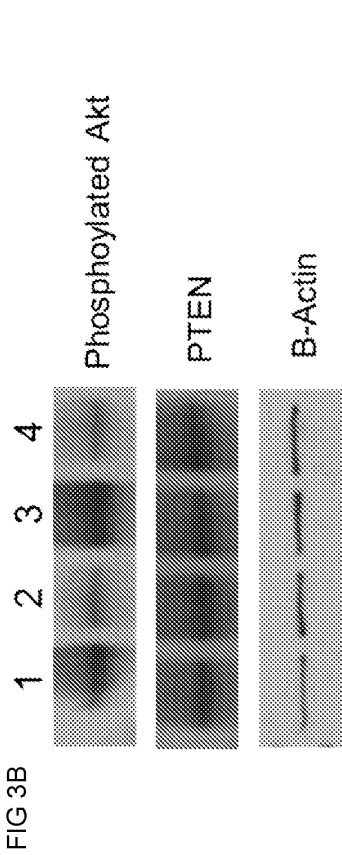


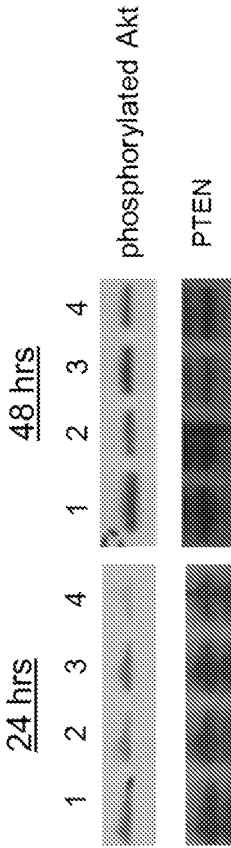
FIG 2C





- 1: PC12 cell lysate : w/TGN-1 (10 μ M)
2: PC12 cell lysate : w/TGN-4 (10 μ M)
3: PC12 cell lysate : w/TGN-1 (100 μ M)
4: PC12 cell lysate : w/DMSO (2 μ L)

FIG 3C



- 1: PTEN transfection + TGN-1
2: PTEN transfection + TGN-4
3: TGN-1 only
4: TGN-4 only

FIG 3A

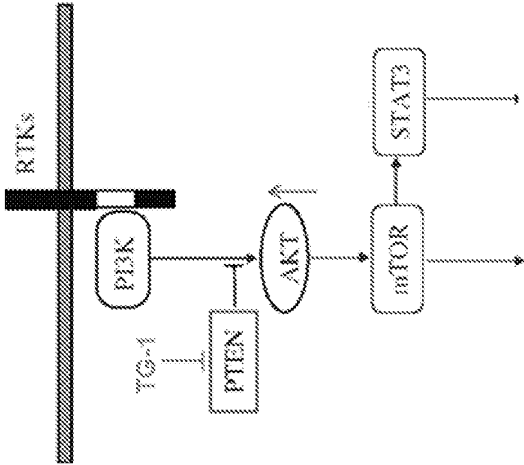


FIG 4A

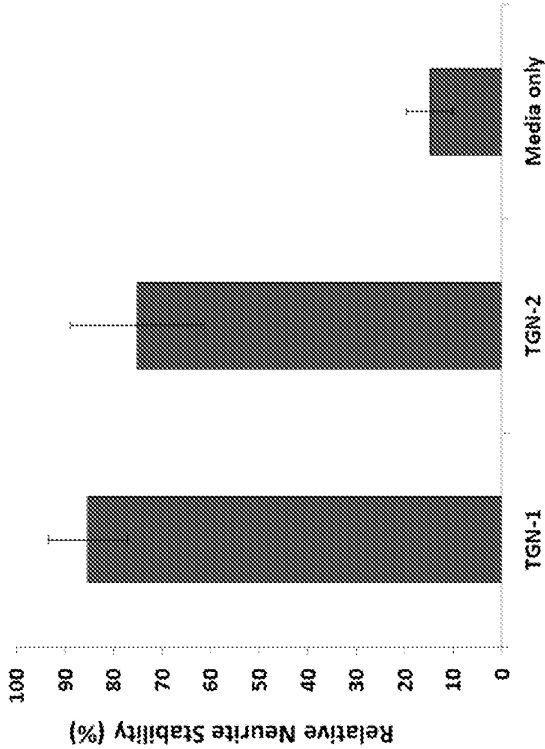


FIG 4B

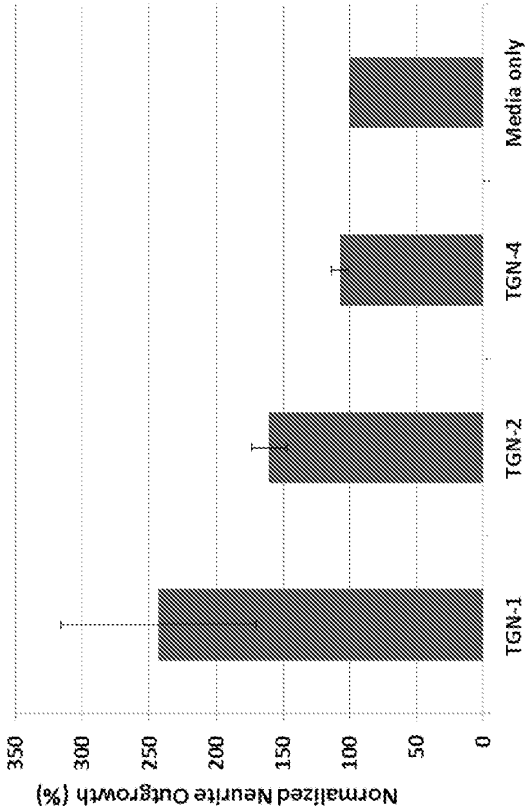
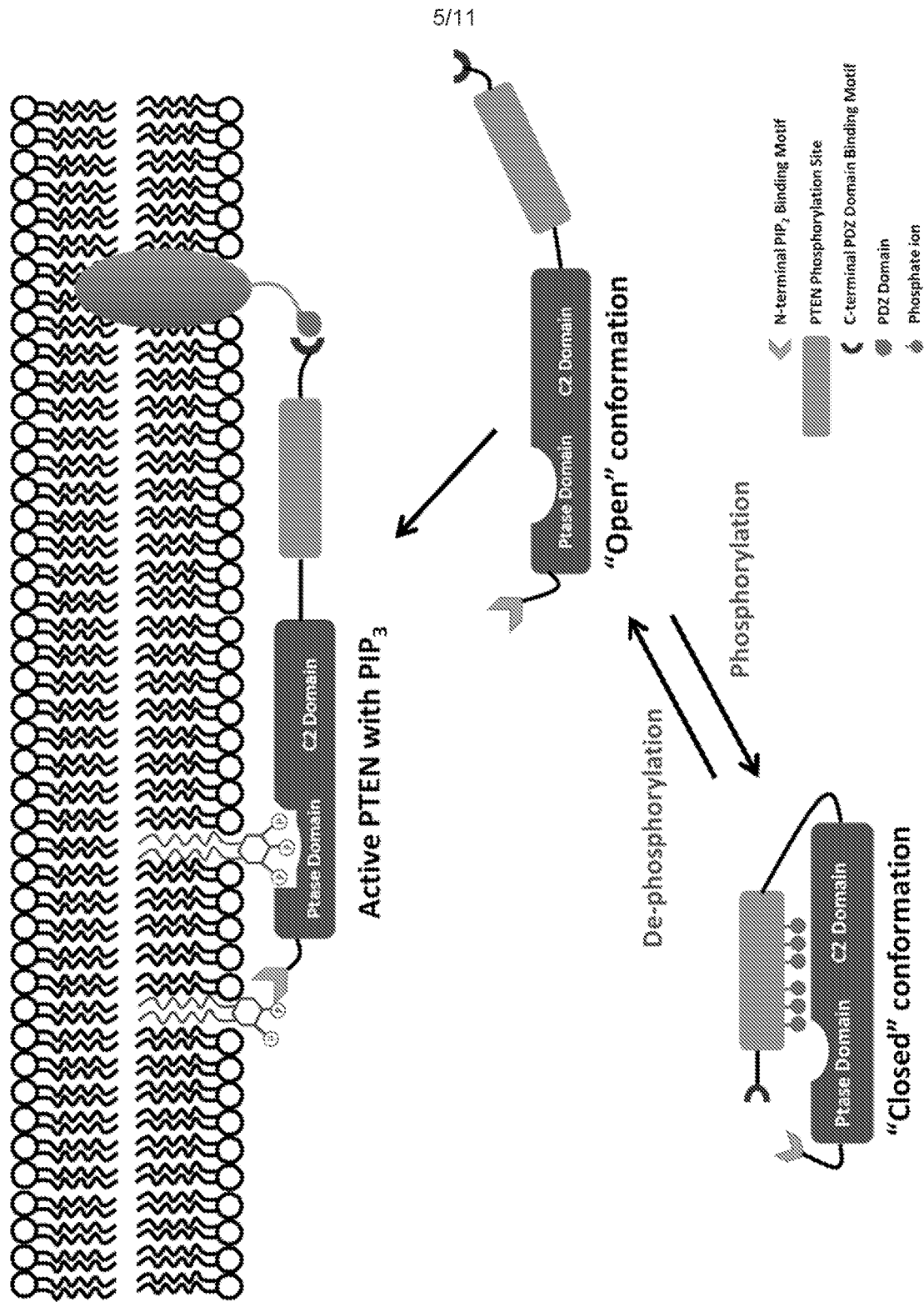


FIG 5



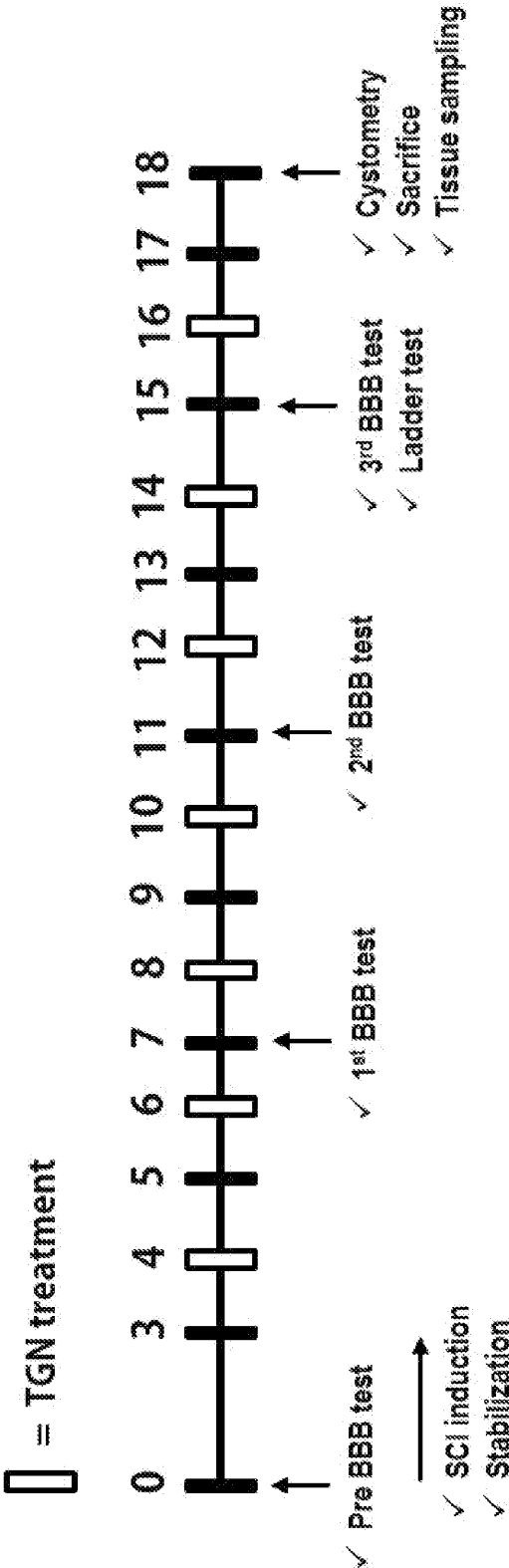


Fig. 6

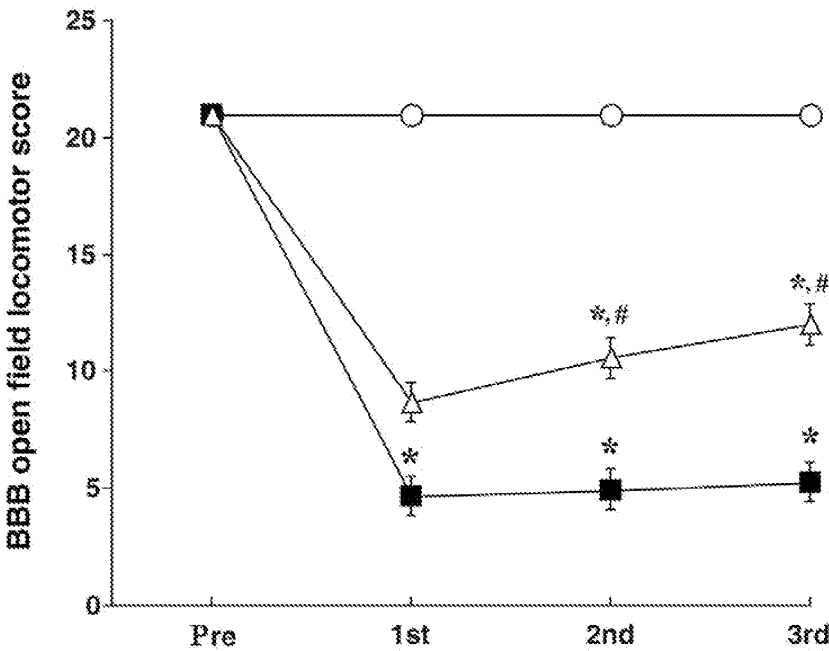


Fig. 7A

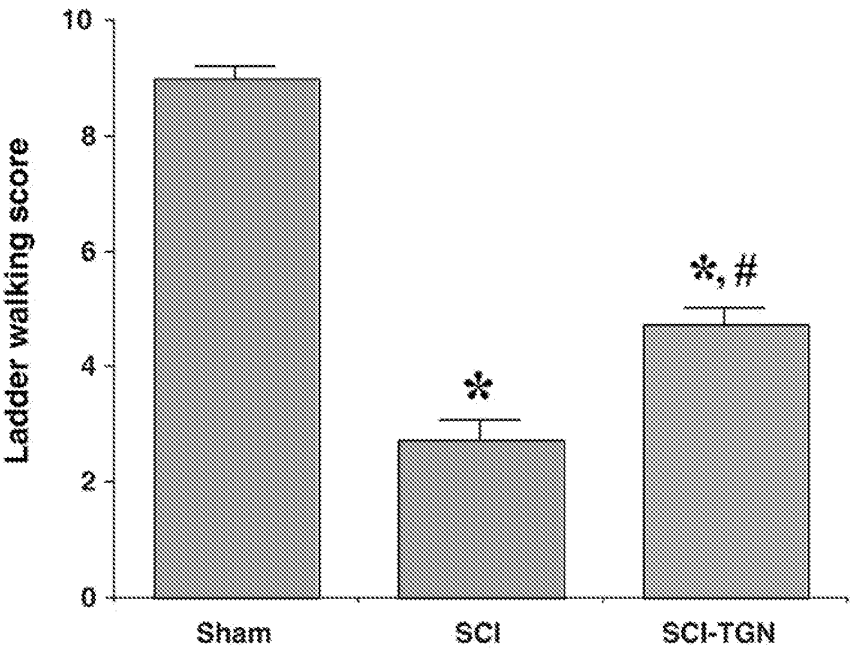


Fig. 7B

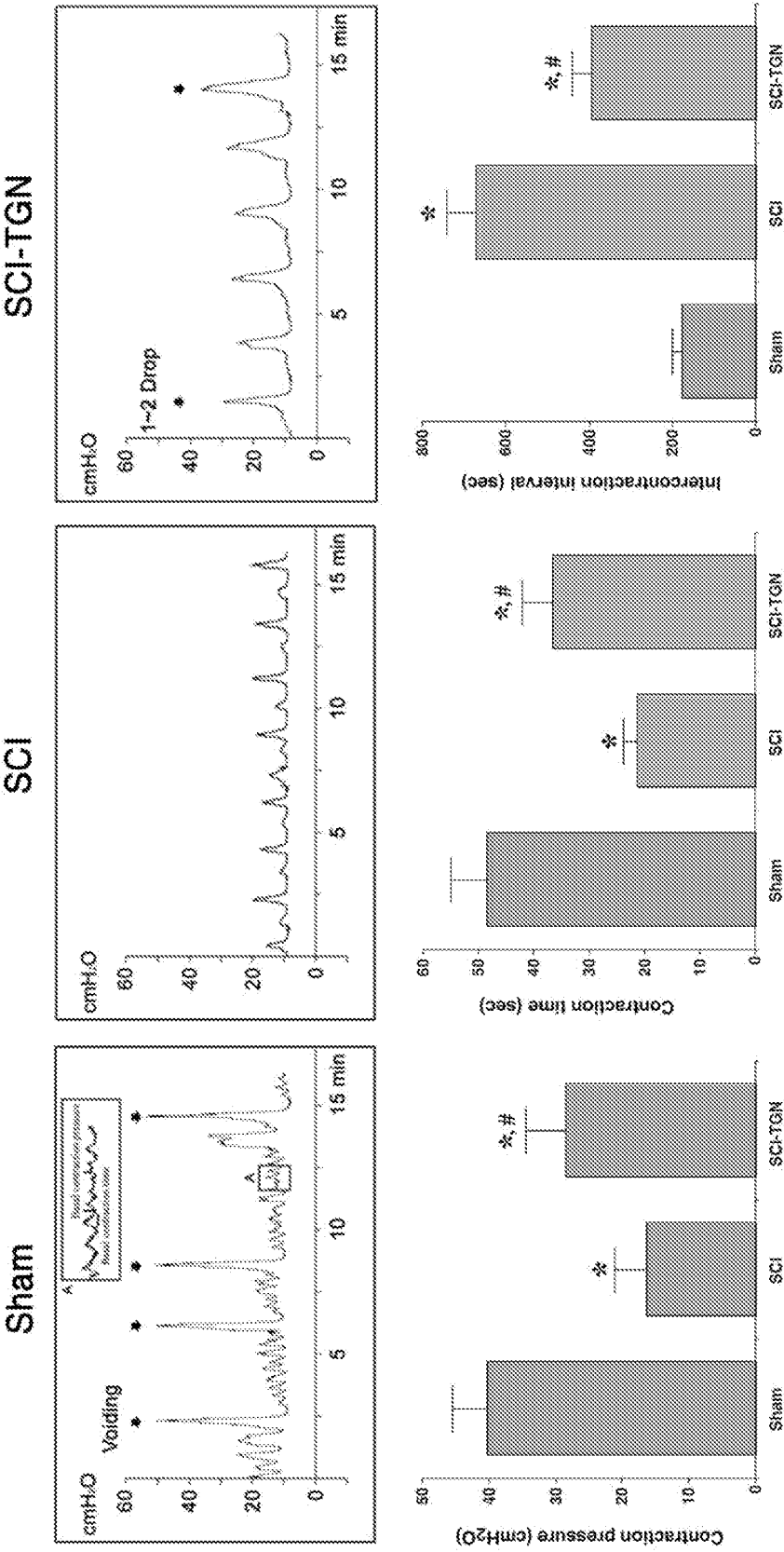


Fig. 8

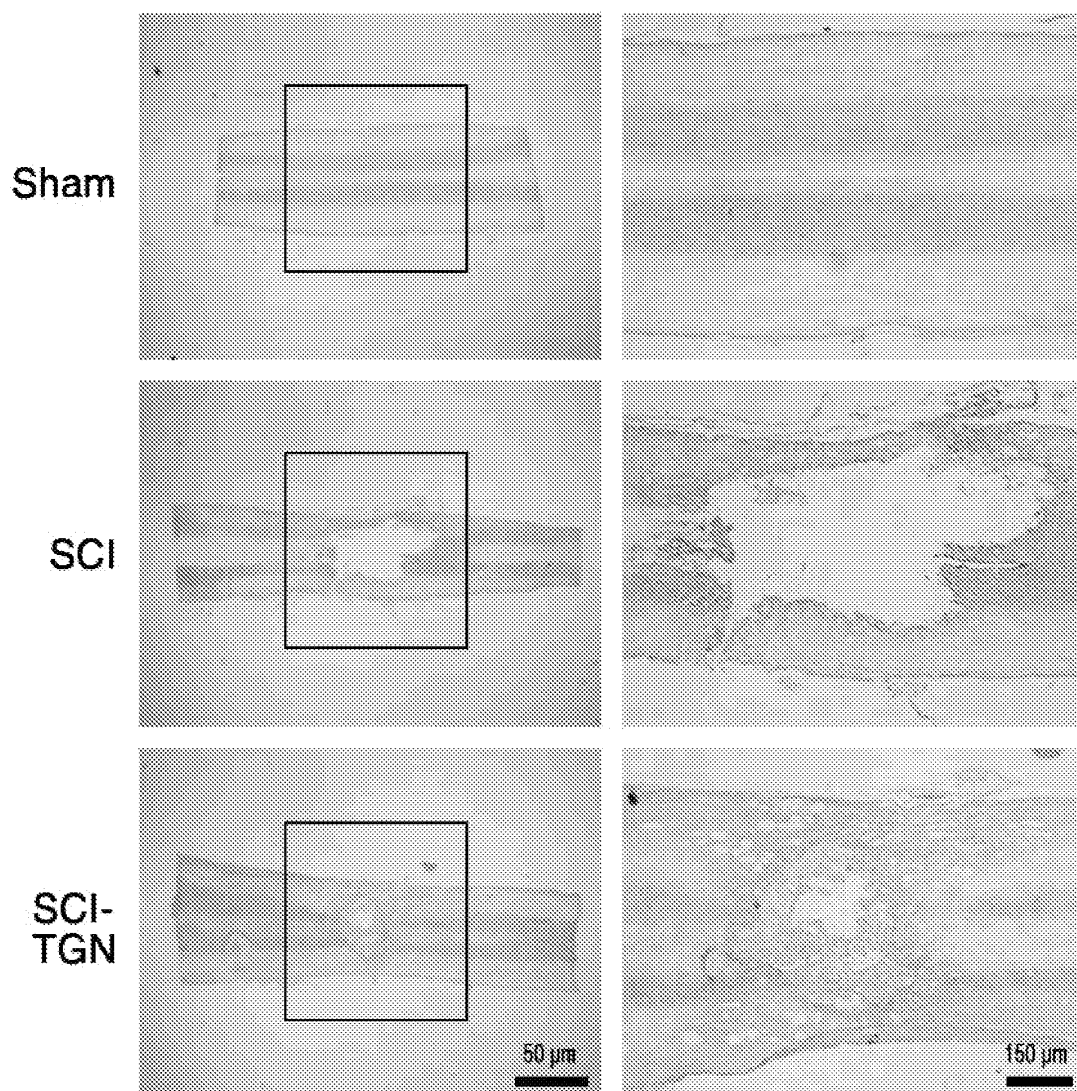


Fig. 9

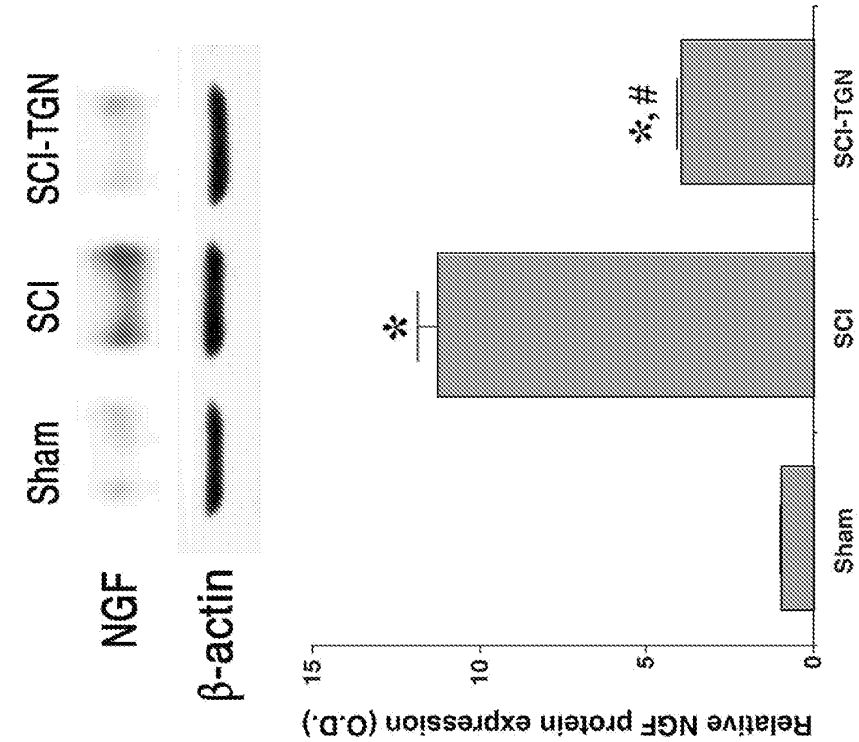


Fig. 10B

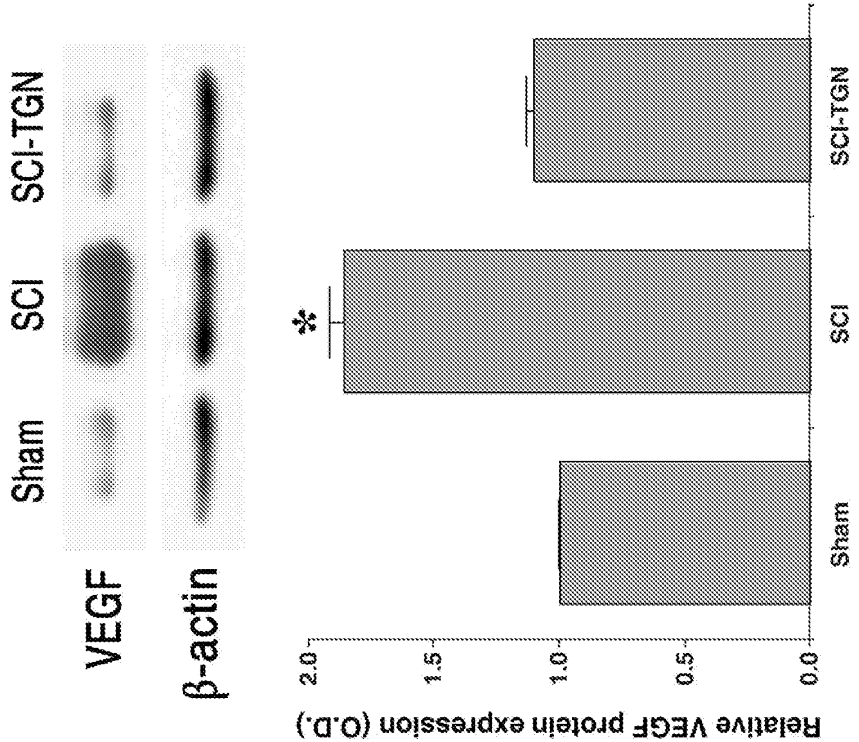


Fig. 10A

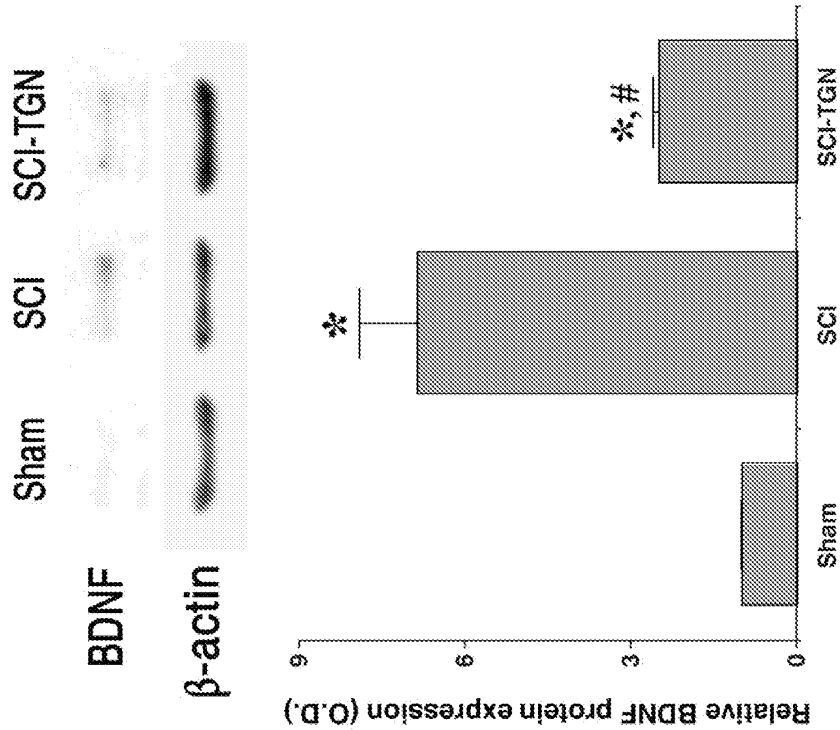


Fig. 10C