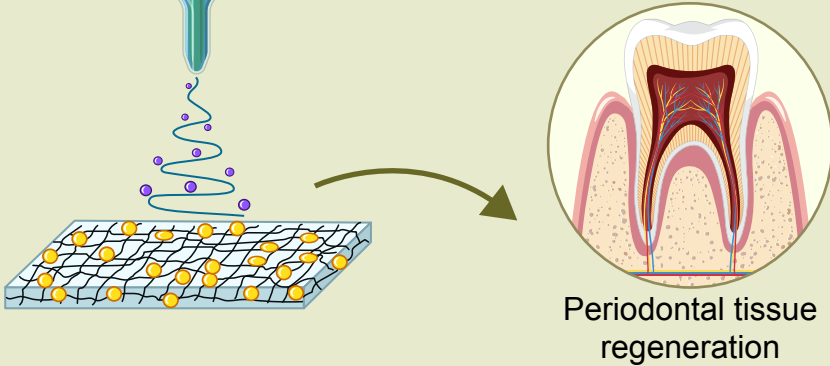
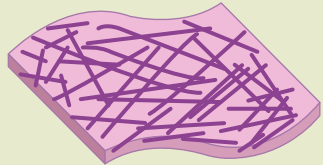


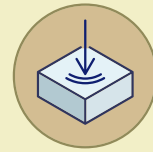
PEI/p OPG-PLGA
core-shell double
GAM prepared by
coaxial electrospinning



Compared to PEI-PLGA
core-shell nanoscaffolds



PEI : polyethyleneimine
OPG : osteoprotegerin
PLGA: polylactide-glycolic acid
copolymer
GAM : gene activation matrix

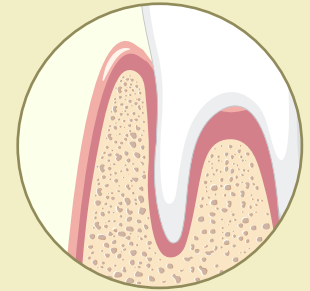


Both materials had similar sizes
and mechanical properties

In experiments with mice, GAM



Increased plasma
OPG expression
and release
($P < 0.05$)



Promoted better
bone growth
($P < 0.05$)

Coaxial electrospinning technique is a feasible method to make double GAM