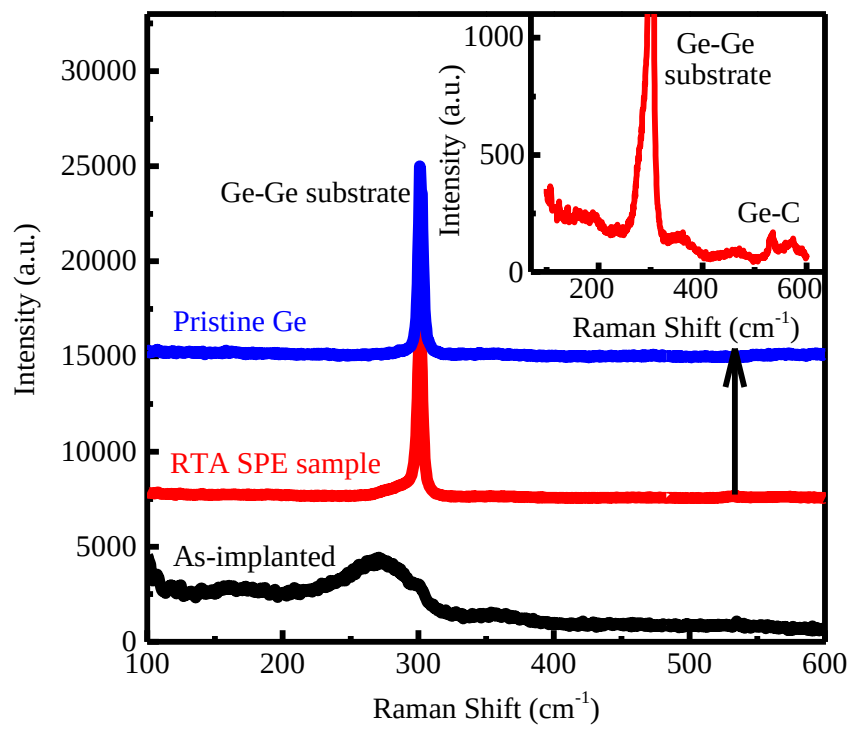
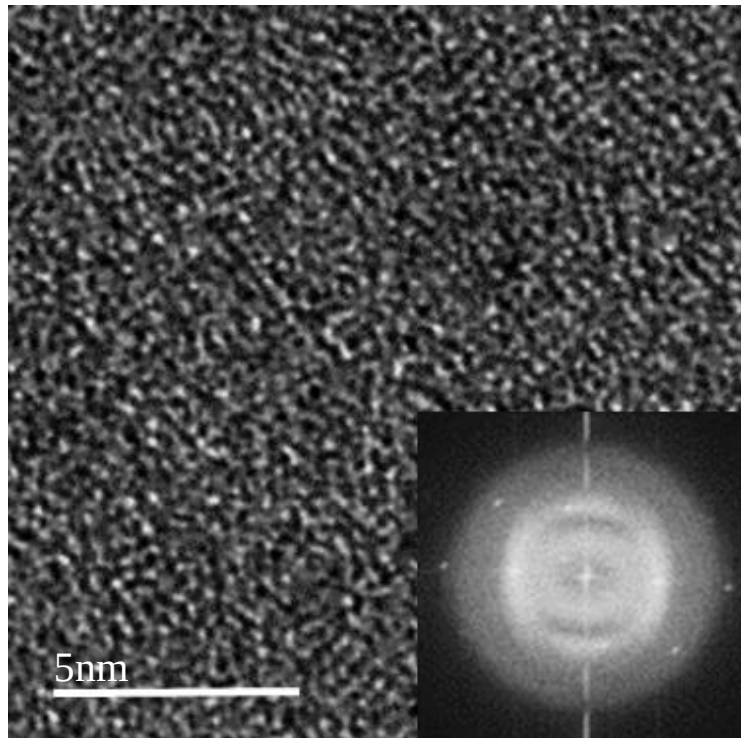




Raman spectrum of as-implanted SPE sample, RTA sample (500 $^{\circ}\text{C}$, 600 s) and pristine Ge



HRTEM pictures of as-implanted SPE sample.