Caption:   
Transient expression of GFP and GFP fusion proteins in BY-2 tobacco cells. (A) GFP protein [35SΩ-sGFP (S65T)]; (B) Arabidopsis chloroplast targeting signal (pt)-GFP fusion protein [35SΩ-pt-sGFP (S65T)]; (C) putative localization signal of GGPP synthase-GFP fusion protein [35SΩ-GGPP synthase-sGFP (S65T)]

Question: What is the purpose of the experiment?   
   
A:To grow tobacco plants   
B:To produce GFP in tobacco cells.   
C:To test the function of Arabidopsis chloroplast targeting signal   
D:To produce GGPP synthase-sGFP in Arabidopsis.

Answer: B: To produce GFP in tobacco cells.