



Figure 24. Transformation tobacco: Various stages of transformation and analysis of transgene expression.

- A.** Leaf disks after co-culture with *Agrobacterium*. Regeneration of plants on selection medium containing hygromycin (30 mg/l). Petri plate at right bottom contains wild type untransformed leaf disks.
- B.** Growing shoots (top panel) with normal roots (bottom panel) of transgenic plants. Transgenic plants (left) and wide type plants (right) on selection medium.
- C.** Transgenic tobacco plants in pots.
- D.** Transgenic plant in flowering stage in the greenhouse.
- E.** Germination of transgenic (top panel) and wild type (bottom) seeds on selection medium (hygromycin 30 mg/l).
- F.** Confirmation of GUS expression in seeds (top) and in seedling (bottom), brown seed are wild type.