



***In planta* monitoring of phytopathogenic *Ralstonia solanacearum* cells.**

Bacterial cells tagged with GFP-expressing plasmid pRSS12 are visualized by strong green fluorescence emission. They accumulate in the stem xylem vessels (upper left panel), penetrate into the root tissues via xylem vessels (lower left panel) and form aggregates on the root surface (lower right panel) of tomato plants.

Related article: Kawasaki, T., Satsuma, H., Fujie, M., Usami, S., and Yamada, T., "**Monitoring of phytopathogenic *Ralstonia solanacearum* cells using green fluorescent protein-expressing plasmid derived from bacteriophage ϕ RSS1**", **J. Biosci. Bioeng.**, vol. 104, 451-456 (2007).