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Cover: *Irradiated nude mouse testes provide excellent recipients for studying the functional ability of spermatogonial stem cells from green fluorescent protein (GFP) transgenic rats. (Top) GFP fluorescence of intact tubules. (Bottom Left) GFP-immunofluorescence of tubule cross-sections. (Bottom Right) GFP immunohistochemistry showing rat germ cells (brown stain) and rat sperm nuclei.*