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Cover: *The cover image shows recipient mouse testes transplanted with donor LacZ (blue) expressing rat spermatogonial stem cells that were transduced with an eGFP (green) lentiviral vector. Each blue or green segment represents a donor rat colony of spermatogenesis derived from a single transplanted spermatogonial stem cell. When eGFP lentiviral transduced donor rat spermatogonial stem cells were transplanted into the testes of recipient nontransgenic male rats, eGFP expressing transgenic offspring were generated from natural mating to nontransgenic females. Using this system, rats with a stable genetic modification were efficiently produced through the male germline. See Ryu et al on page 353.*

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