1. (1 point) The formation of teratomas in immune-deficient mice is used as a demonstration of what characteristic of embryonic stem cells.

   A. Self-renewal ability
   B. Telomerase expression
   C. Multilineage differentiation
   D. Species of cells

   Answer: C

2. (1 point) Equilibrium gradient centrifugation using high centrifugal force (high G) and Percoll allows one to sort cells based on density (TRUE or FALSE).

   A. True
   B. False

   Answer: A (True)
3. (1 point) Shown below are $\frac{c_{L-R|eq}}{c_{L,0}}$ vs. $c_{L-R|eq}$ plots (Scatchard plots) for 3 distinct receptor-ligand interactions. Of the 3, which interaction exhibits the largest dissociation reaction constant, $K_d$? (Circle ONE best answer).

Answer: A