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(54) Title: HUMANIZED MOUSE MODELS

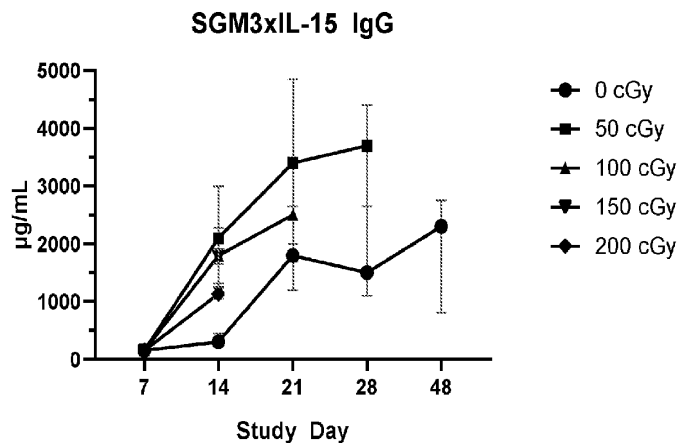


FIG. 16B

(57) Abstract: The human immune system is complex, and its related diseases are similarly complicated. Therefore, human diseases, such as cancers, are often difficult to characterize and treat effectively. Immunodeficient transgenic mice for use as humanized mouse models are provided. The humanized mouse models may be further engrafted with diseased tissues or cells (e.g., human cancer cells). Methods of using the humanized mouse models to assess disease progression, immune response, and efficacy of proposed therapeutic agents are also provided herein.

[Continued on next page]

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