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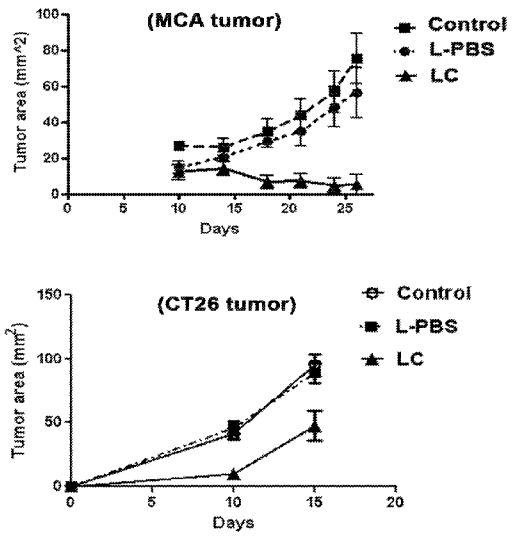
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[Continued on next page]

(54) Title: PLATFORM TECHNOLOGIES FOR SPONTANEOUSLY OCCURRING DISEASES

Figure 1



(57) Abstract: The invention provides platform technologies for spontaneously occurring diseases that can be used for translational medicine. Non-human companion animals, such as dogs, spontaneously develop diseases that mirror human diseases. Using companion animals that develop spontaneously occurring diseases can benefit the time and cost for translational medicine by allowing for testing of one or more parameters that would otherwise not be permitted under FDA regulations. Furthermore, companion animals are also helped by potential discoveries that could cure or treat their spontaneously occurring diseases.

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