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(54) Title: ANIMAL MODELS, SCREENING METHODS, AND TREATMENT METHODS FOR INTRAOCULAR DISEASES OR DISORDERS

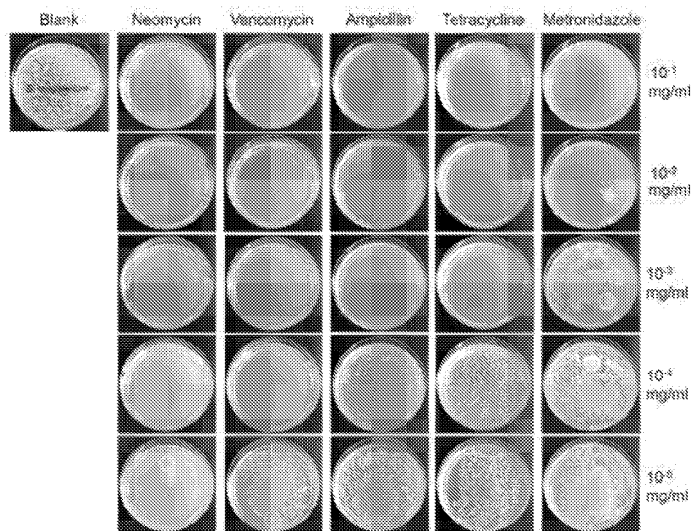


Figure 1

(57) Abstract: Provided herein are screening methods and animal models related to intraocular diseases such as age-related macular degeneration (AMD), for example, for identifying candidate therapeutics for treating or preventing eye diseases, such as AMD. Also provided herein are compounds/compositions that are useful for killing or inhibiting the growth of a microorganism, such as *Bacillus megaterium*. Further provided herein are methods of using the compounds/compositions for treating infections with a microorganism, such as *Bacillus megaterium* and for treating or preventing diseases or disorders associated with such infections, such as AMD.

[Continued on next page]

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