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Chapter 1

ANIMAL MODELS OF BREAST CANCER

Kelly H. Clifton*

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These also shall be unclean unto you among the creeping things that creep upon the earth; the weasel and the mouse and the tortoise after his kind: . . . (Leviticus 11:29)¹

It seemed imperative, therefore, that previous to undertaking a study of the biology of cancerous growth the material used should be purified as much as possible . . . The best method of doing this . . . is by means of inbreeding. (W. S. Murray, 1934)²

I. INTRODUCTION

A. Model Criteria

Many of the criteria for an ideal experimental model of breast cancer are shared by models for any other group of human diseases:

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