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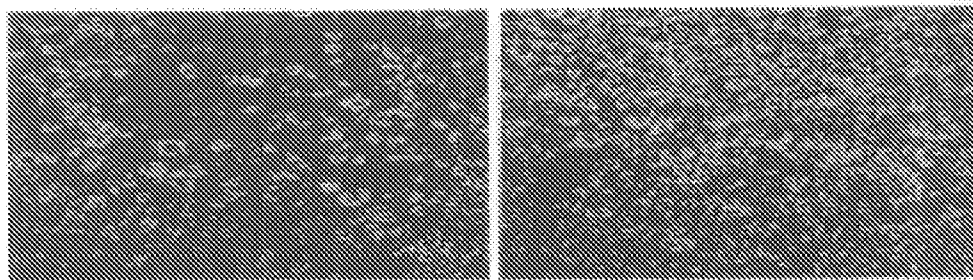
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(54) Title: ADIPOGENIC ADENOVIRUSES AS A BIOMARKER FOR DISEASE

BODIPY staining of 3T3-L1 cells 5-d post MDI
treatment

A. Control, No Ad-36

B. Ad-36 inoculated



(57) Abstract: This invention relates to the relationship between infection with adipogenic adenoviruses, such as adenovirus-36 (Ad-36) and the etiologies of obesity and obesity-related cancers and other diseases. Additionally, the invention relates to assaying a subject for Ad-36 status and using Ad-36 status as a marker for the presence of cancer, to predict the future risk of developing cancers, such as breast or prostate cancer, and/or to predict the aggressiveness and prognosis of these cancers.

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