



UNIVERSITY OF CALIFORNIA LOS ANGELES

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO • SANTA BARBARA • SANTA CRUZ

DEPARTMENT OF MEDICINE
DAVID GEFKEN SCHOOL OF MEDICINE

DIVISION OF HEMATOLOGY-ONCOLOGY
10833 LeCONTE AVE
11-934 FACTOR BLDG
LOS ANGELES, CALIFORNIA 90095-1678

Dear Editor,

Enclosed please find a manuscript by Dimitrios Vatakis et al entitled "**The generation and functional assessment of melanoma specific human T cells using the BLT humanized mouse model**" which we are submitting for consideration by the *Journal of Visualized Experiments*. This study is the first to show *in vivo* the generation of functional transgenic T cells from genetically modified progenitor cells using the BLT human/mouse chimera. While previous work has demonstrated the generation of T cells from modified progenitors, none showed convincingly through an *in vivo* that these cells are truly functional. In our studies we show that the transgenic CTLs generated in the BLT mice were capable of limiting and eliminating tumor growth. We have thus developed a model in which we can study immune responses against cancer and develop new and exciting ways to kill tumors.

This study is not under consideration elsewhere. Thank you for your efforts on behalf of this review.

Sincerely,

A handwritten signature in black ink, appearing to read "Dimitrios N. Vatakis".

Dimitrios N. Vatakis, PhD
David Geffen School of Medicine at UCLA
UCLA AIDS Institute