

TABLE I
MEAN CELL VOLUME OF HUMAN BLOOD LEUCOCYTES AND VARIOUS MURINE MACROPHAGES ^a

Cell type	n^d	Mean cell volume (fl)
Human:		
Monocytes	8	421 ± 24
Granulocytes	7	334 ± 32
Lymphocytes	9	204 ± 19
U937 cells	4	911 ± 179
Mouse:		
Peritoneal macrophages	7	460 ± 18
rIFN- γ -activated peritoneal macrophages ^b	5	687 ± 22
BCG/PPD-activated ^c peritoneal macrophages	5	815 ± 33
Alveolar macrophages	5	765 ± 18
WEHI-3 cells	6	920 ± 88
PU5-1.8 cells	6	759 ± 121
J774.1 cells	6	744 ± 187

^a The results are expressed as the mean and standard deviation of the medians of the volume distributions obtained by a channel analyzer connected to a Coulter counter.

^b Peritoneal cells were harvested from mice 18 h after intraperitoneal injection of 10^4 U recombinant rat interferon- γ (rIFN- γ).

^c Peritoneal cells were obtained from mice which had been injected intravenously with 6×10^6 viable *Mycobacterium bovis*, strain BCG, 3 weeks earlier and had been given an intraperitoneal booster of 50 μ g purified protein derivative (PPD) on day 19.

^d n = number of cell samples; each sample was measured at least in duplicate.