

Bio 595

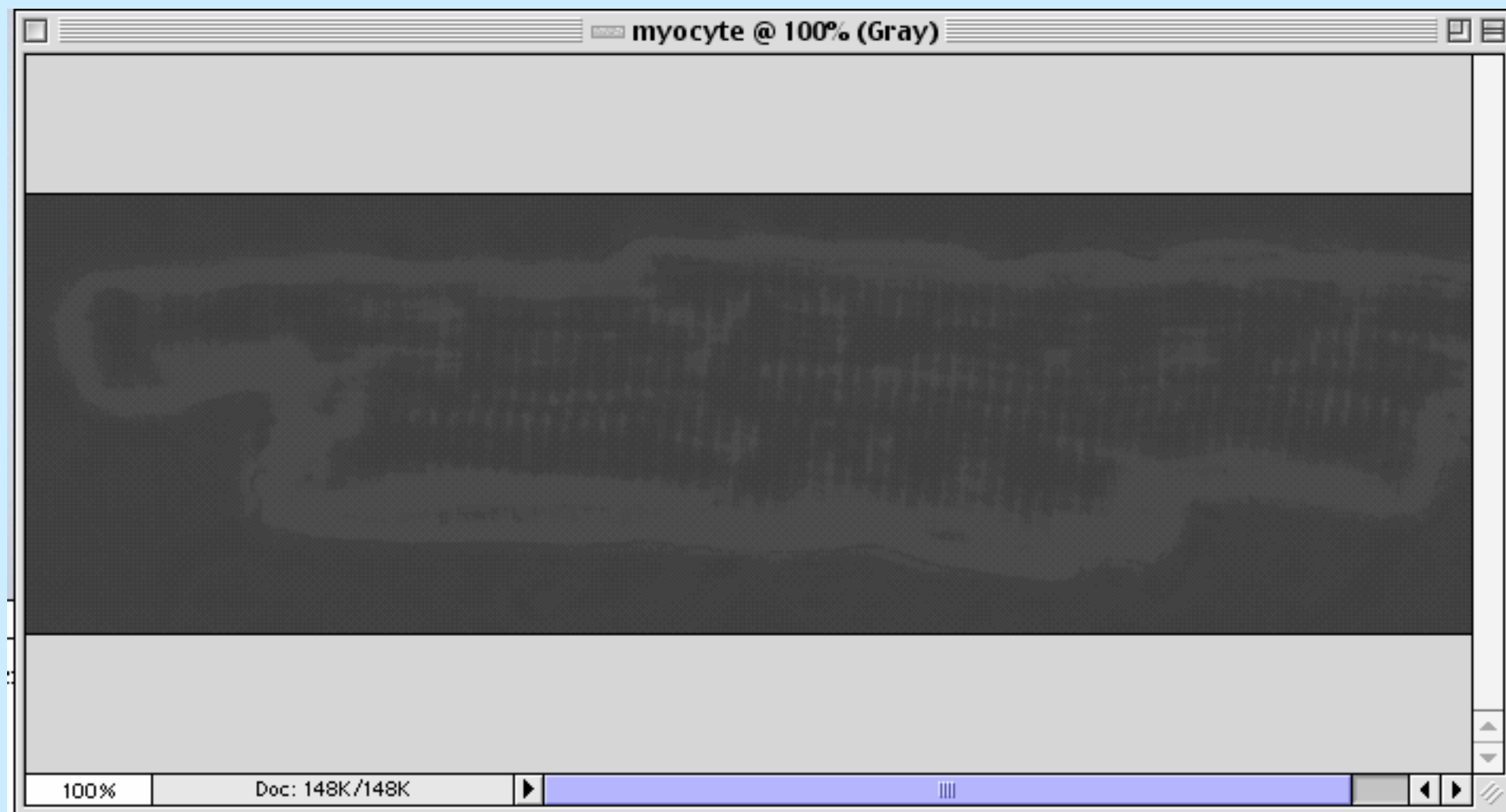
Computers in

Biomedical Research

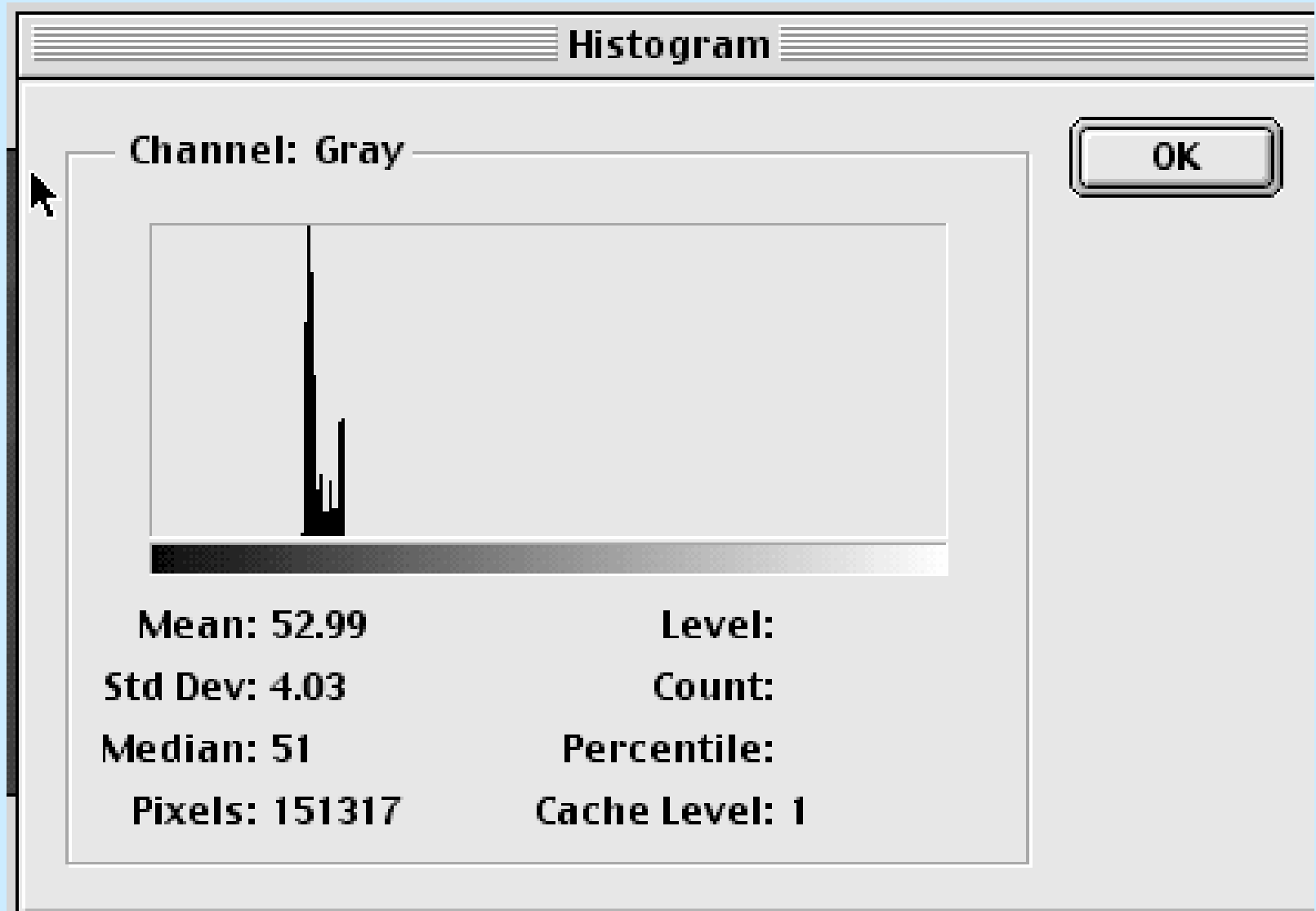
Class notes set 10

Fall 2003

Original Image: Flat



Original Histogram

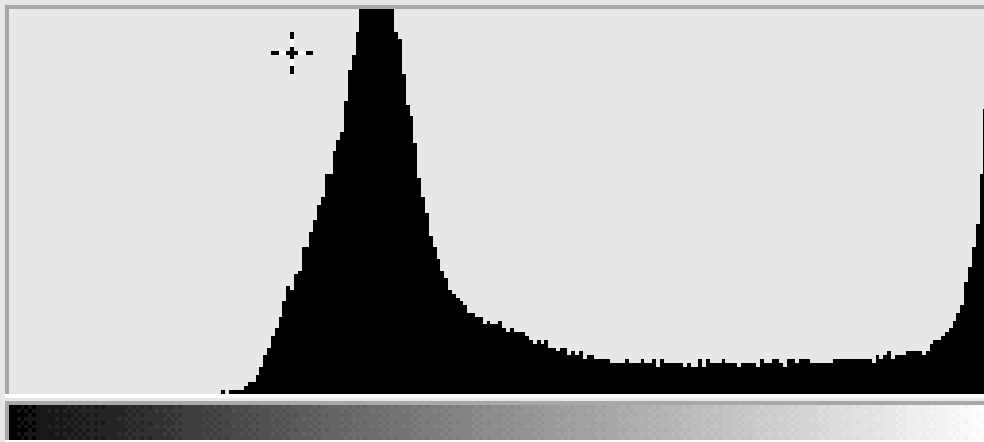


Contrast Enhancement: Histogram

Histogram

Channel: Gray

OK



Mean: 134.85

Level: 73

Std Dev: 60.93

Count: 831

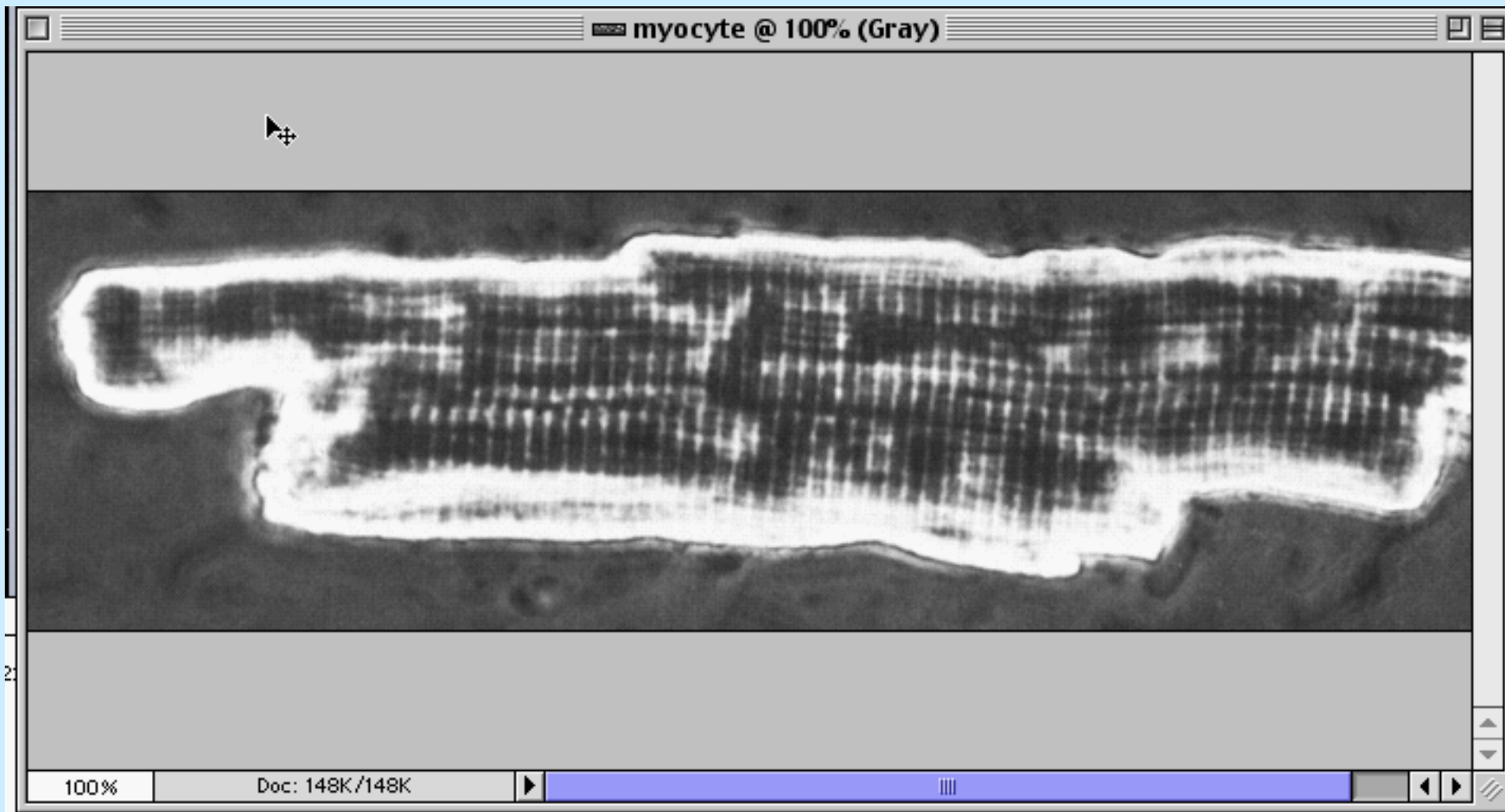
Median: 104

Percentile: 3.48

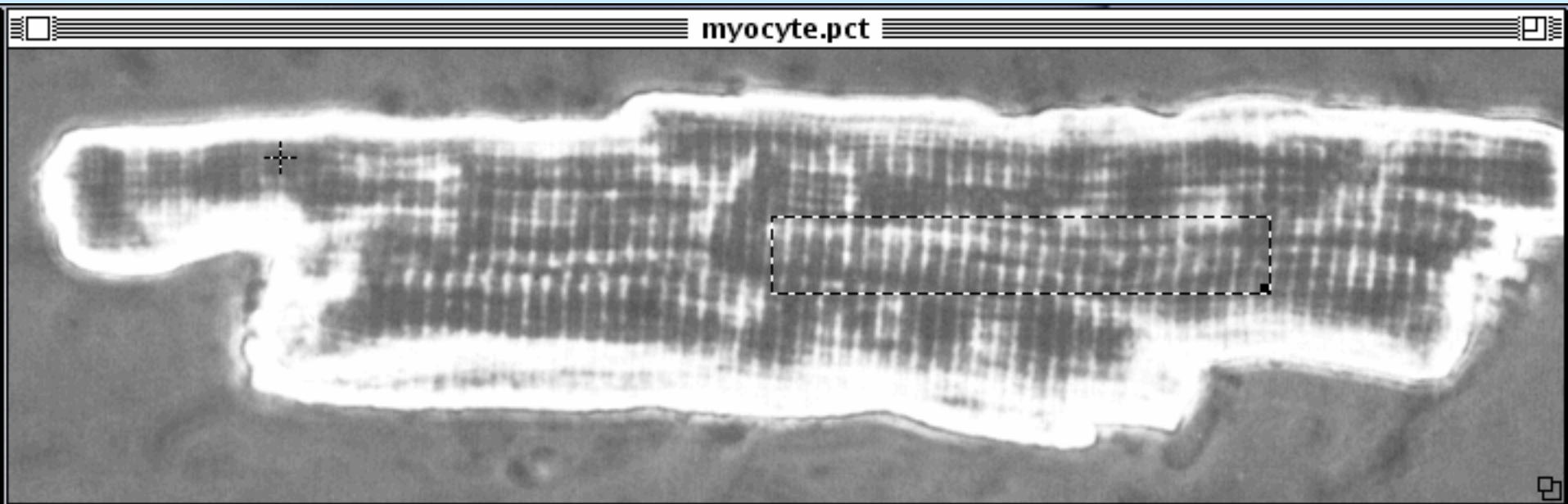
Pixels: 151317

Cache Level: 1

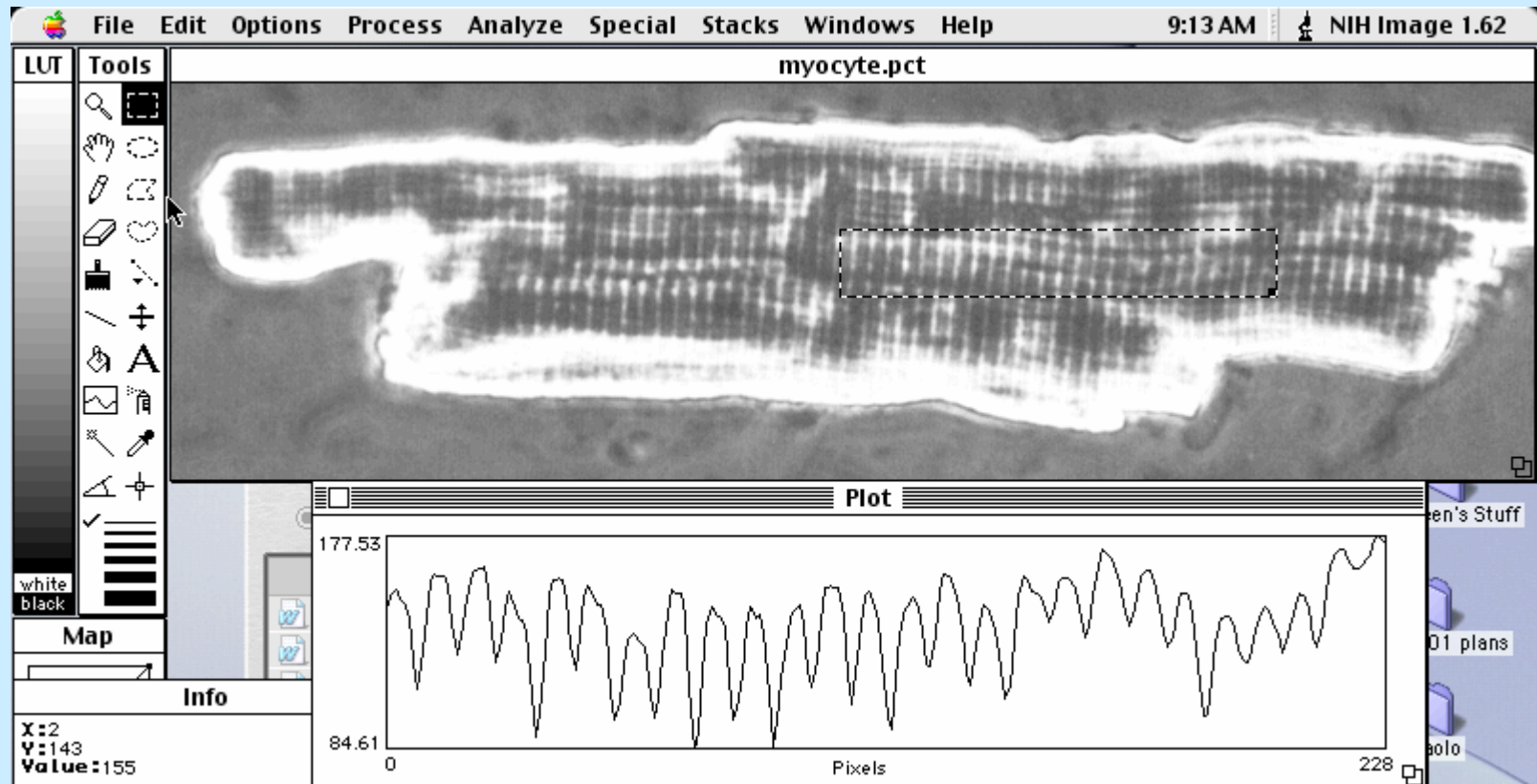
Contrast Enhancement



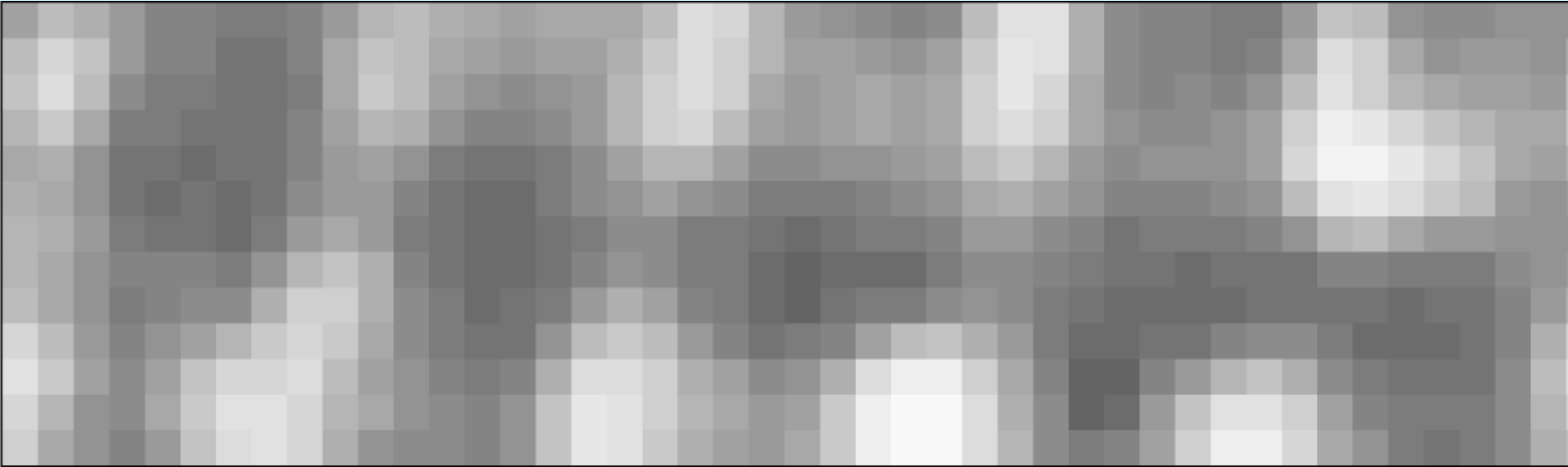
AOI Window



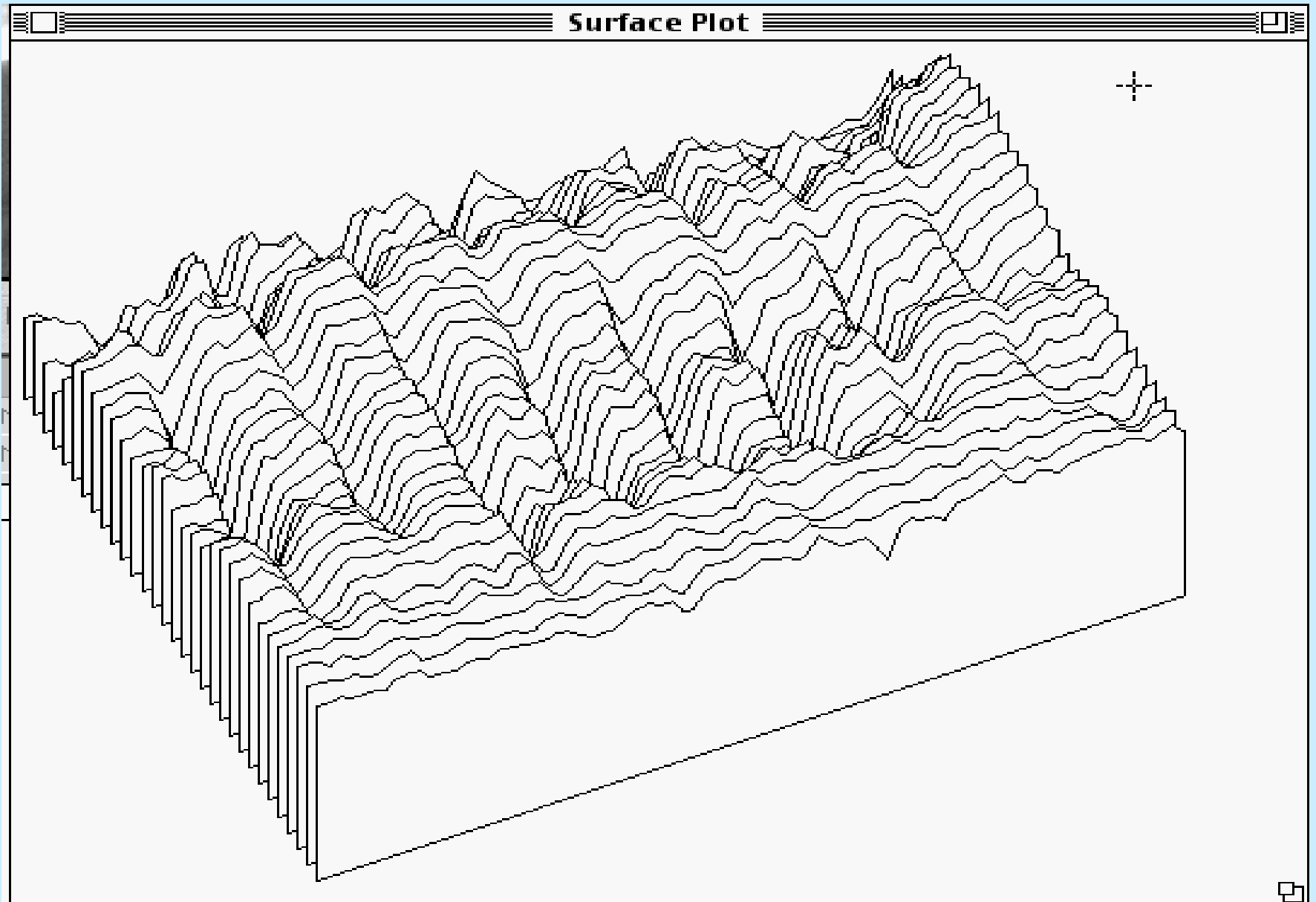
Optical Profile of AOI Window



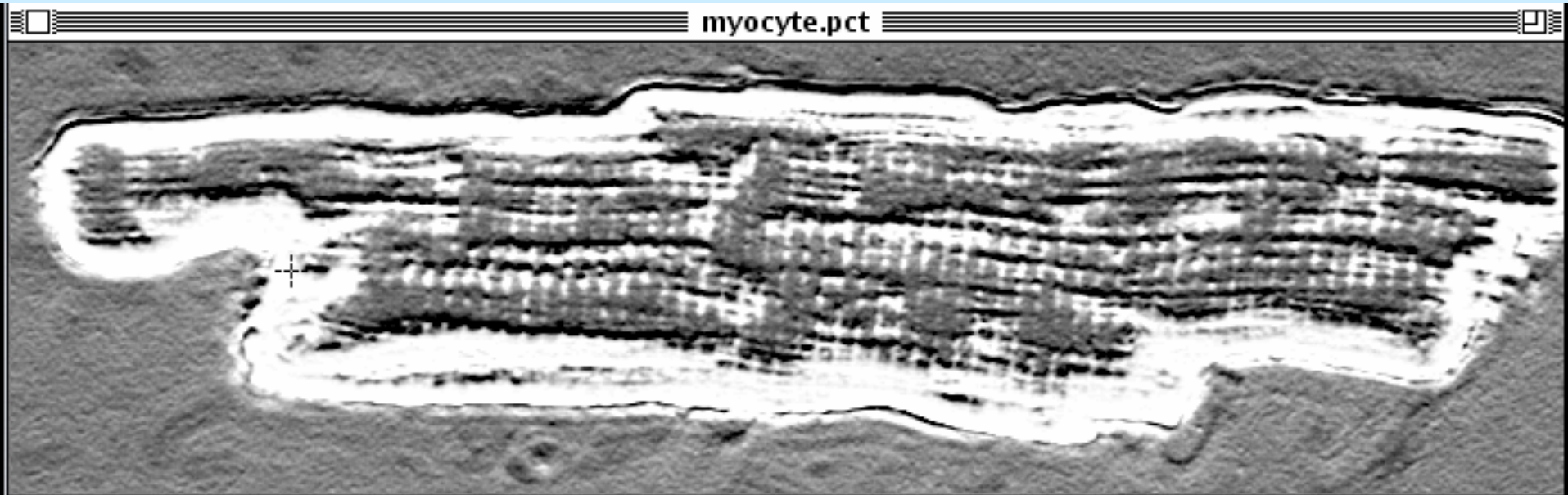
Pixels (highly magnified area)



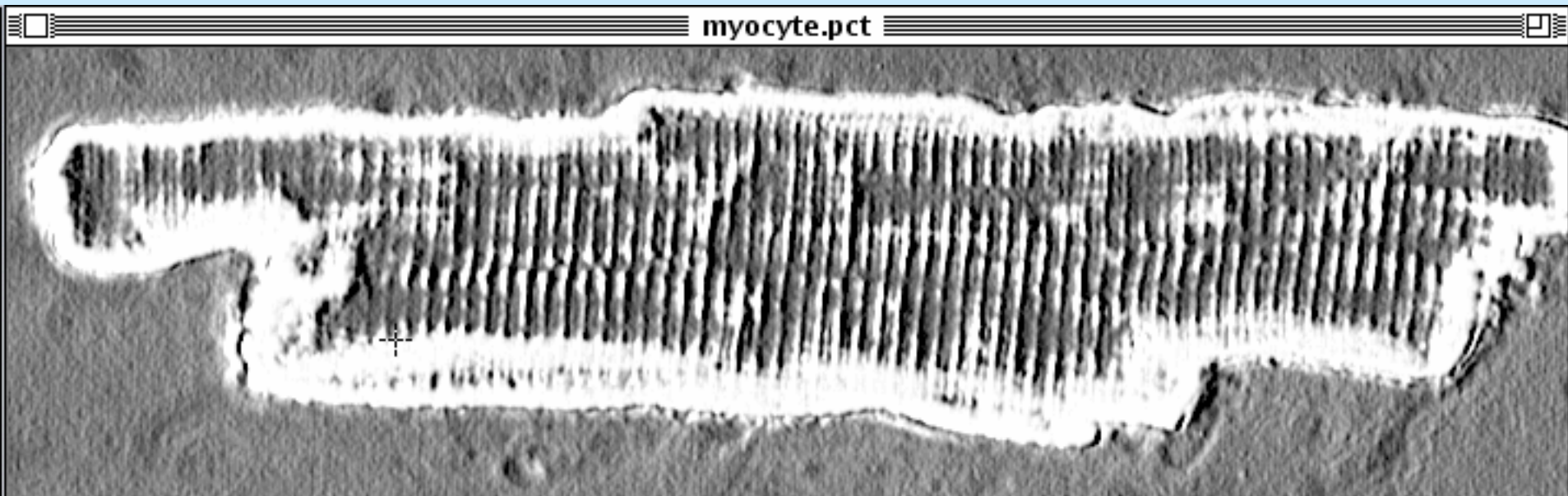
Profile: x,y image; z axis = brightness



Filter: Vertical Shadow



Filter: Horizontal Shadow



Profile of Filtered AOI

