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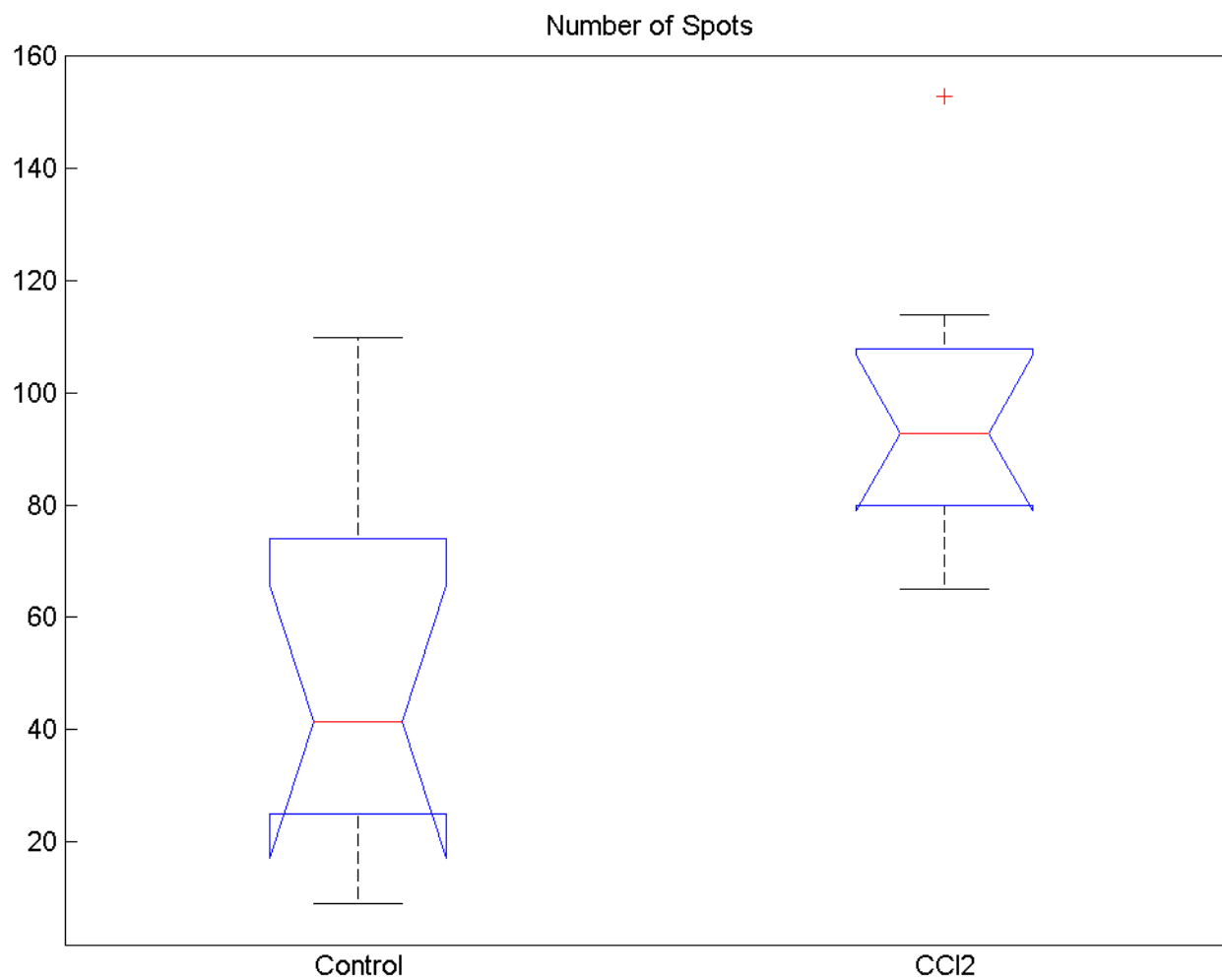
# Retina Spot Detection



U.S. DEPARTMENT OF  
**ENERGY**



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# Outline

- Analysis is of hyperspectral images of sample retinas
- For each image, the raw MCR data for the 3<sup>rd</sup> component is displayed with overlay of detected spots
- The spots are easier to see and evaluate on the corresponding processed images, where filtering was done to isolate the spots.
- The previous slide shows that there is a statistically significant difference between the average number of spots for the control cells and the CCL2 treated cells

