BME 4783 - Medical Imaging Modalities

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```
Investigate Some Properties of Overconfluence.


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```

Show contrast via histogram.

The following is a quick analysis of the overly confluent cell culture. It looks the contrast of the image is very high (spread out initially) so this means we need to change how we binary threshold from grayscale to black and white perhaps.
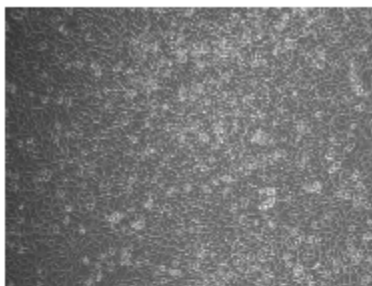
```
clear all
clc
```
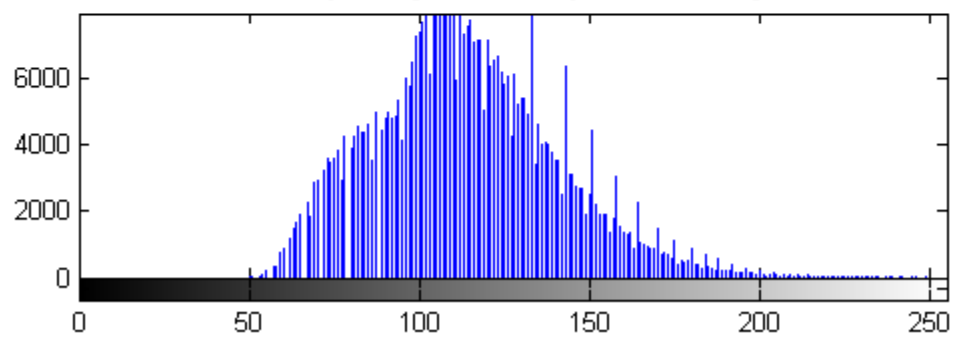
File loading

Load an Image into a matrix I.

```
sample = imread('overconfluent.tif');
originalSample = sample;

subplot(2,1,1);
imshow(originalSample);
title('Original Image');

subplot(2,1,2);
imhist(originalSample)
title('Intensity Histogram for Overly Confluent Image');
```

Original Image

Intensity Histogram for Overly Confluent Image

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