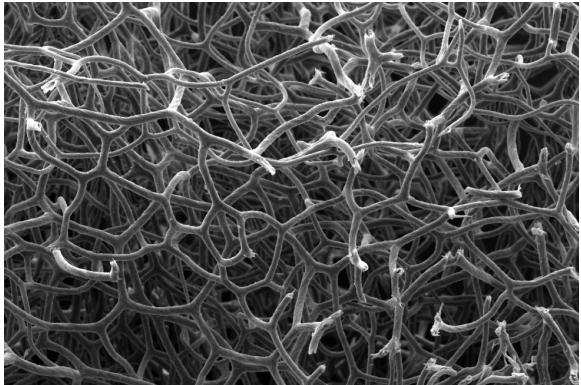
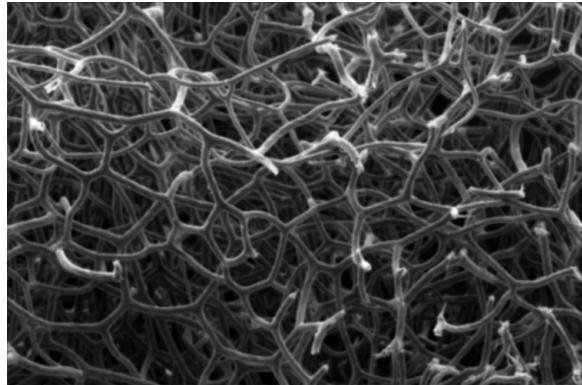


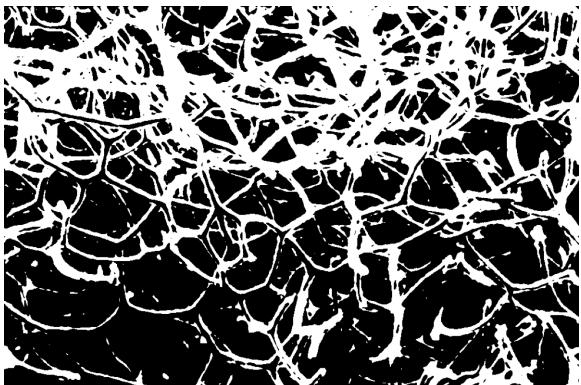
Original Image



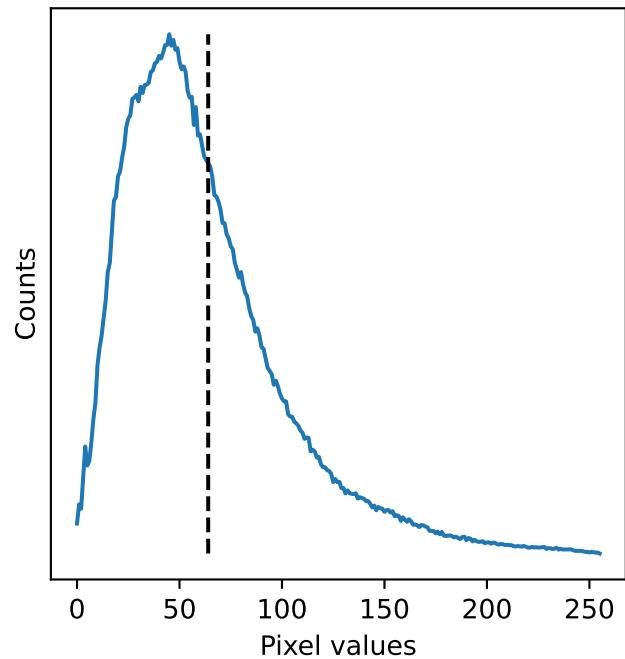
Processed Image



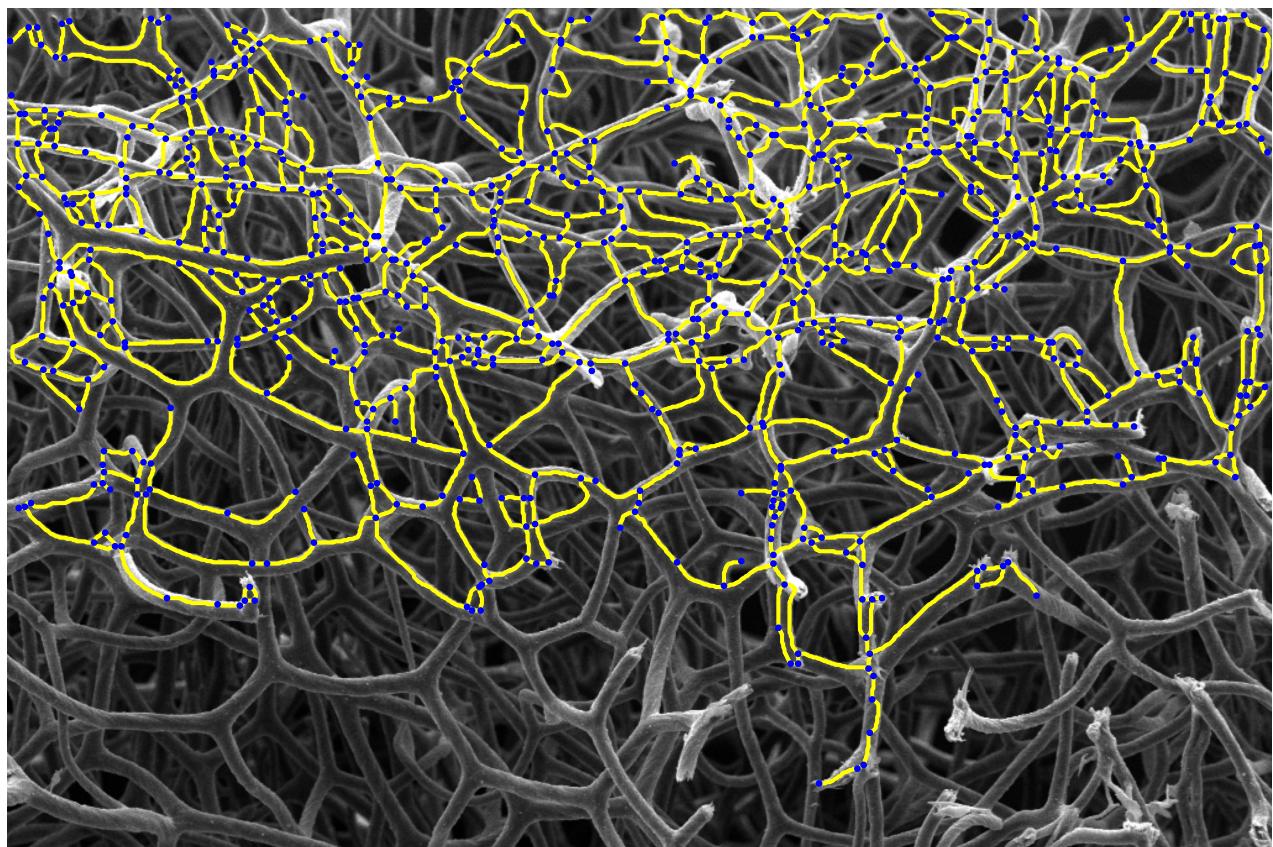
Binary Image



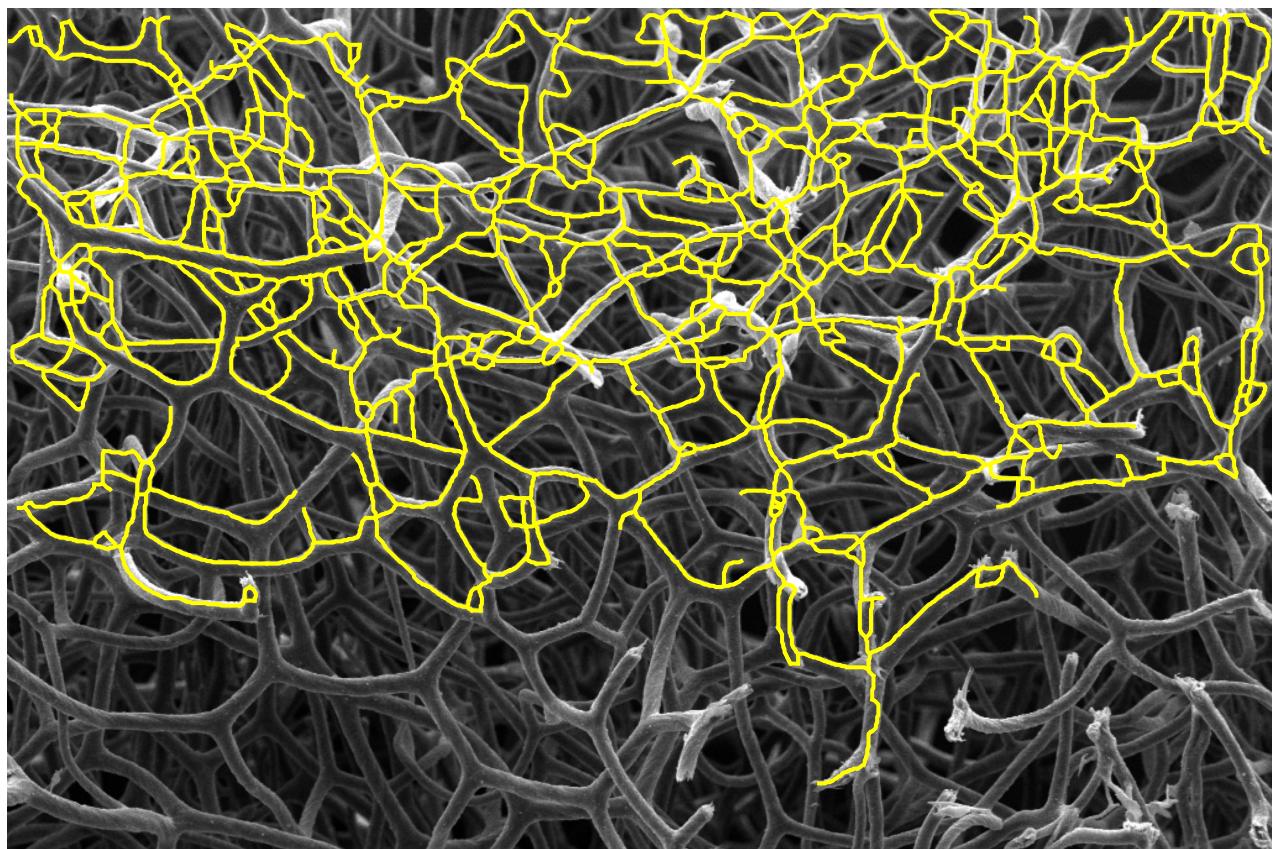
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot



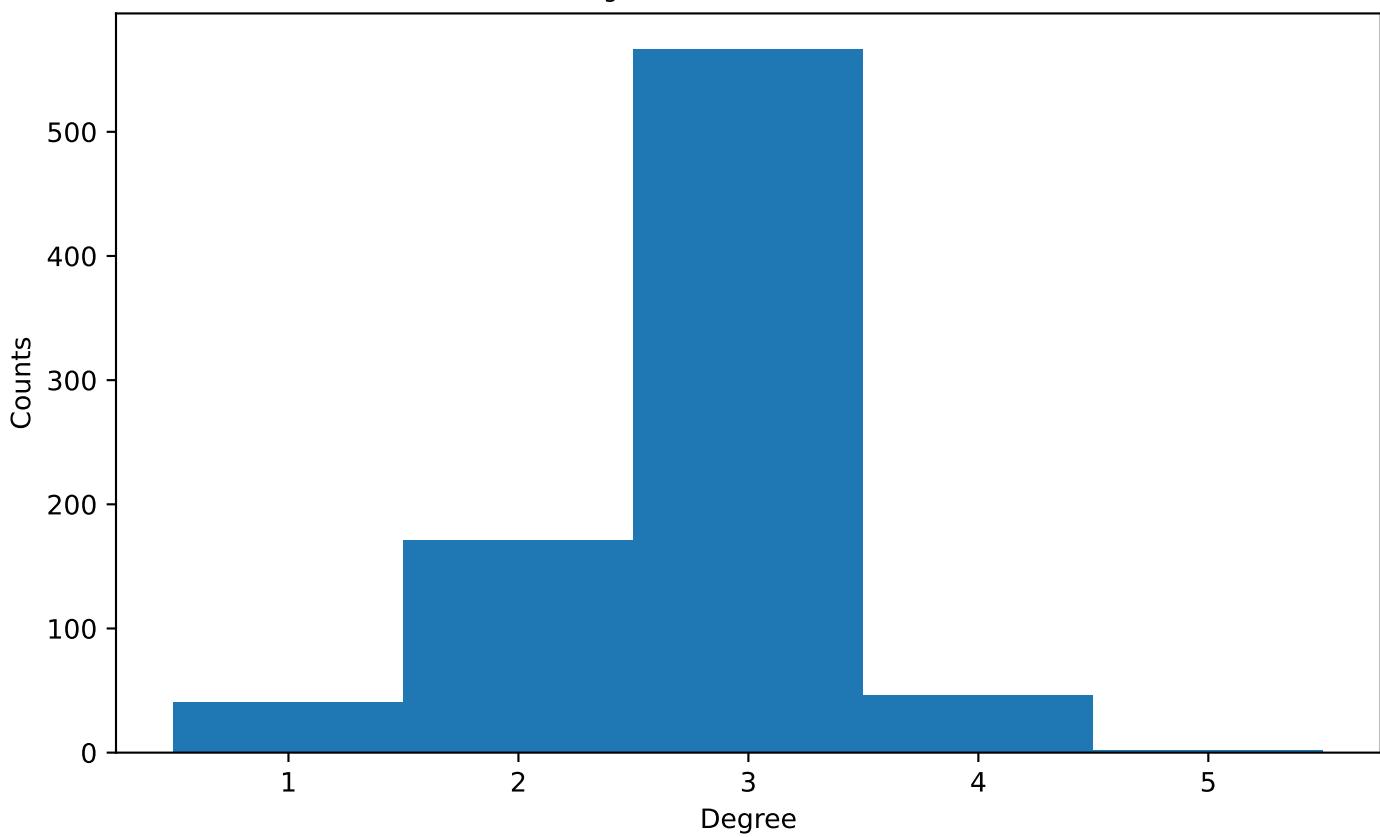
### Unweighted GT parameters

Number of nodes	827.0
Number of edges	1139.0
Average edge angle (degrees)	156.224
Median edge angle (degrees)	86.186
Average degree	2.75453
Network diameter	63.0
Graph density	0.00333

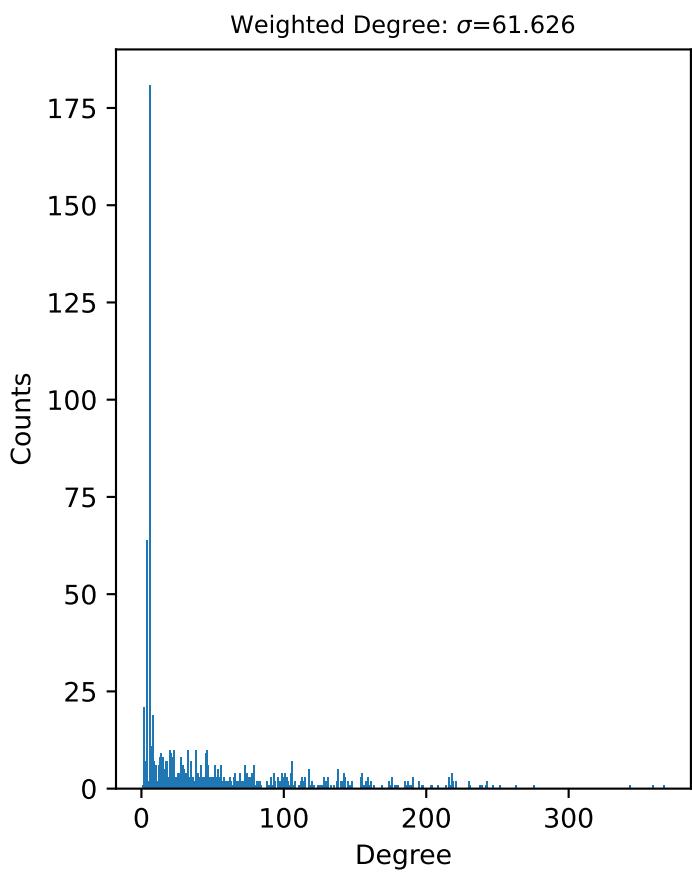
### Weighted GT parameters

Diameter-weighted average degree	51.37535
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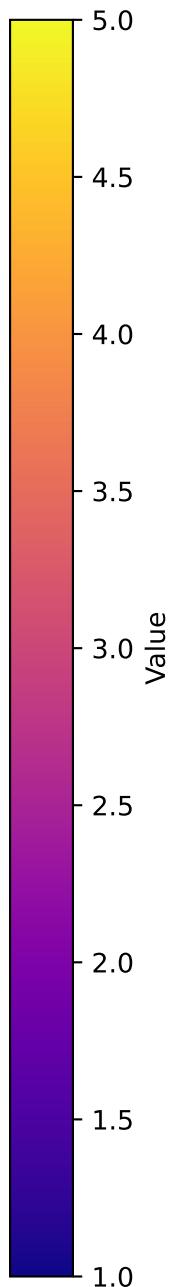
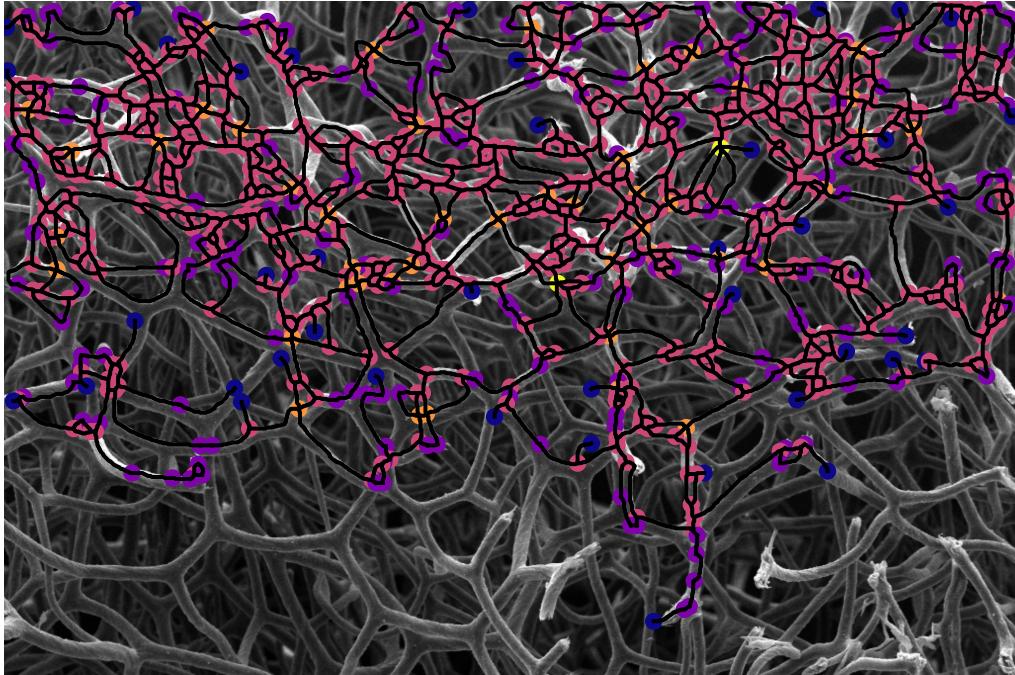
Degree Distribution:  $\sigma=0.641$



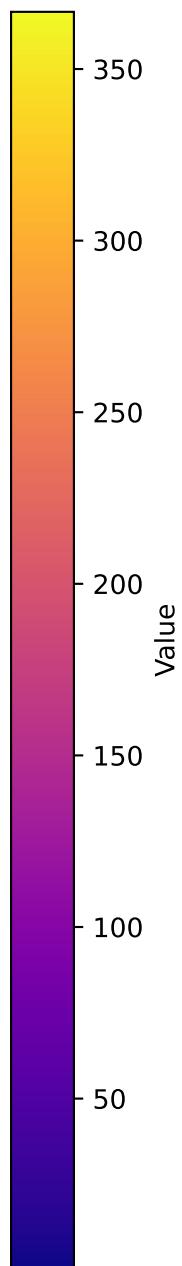
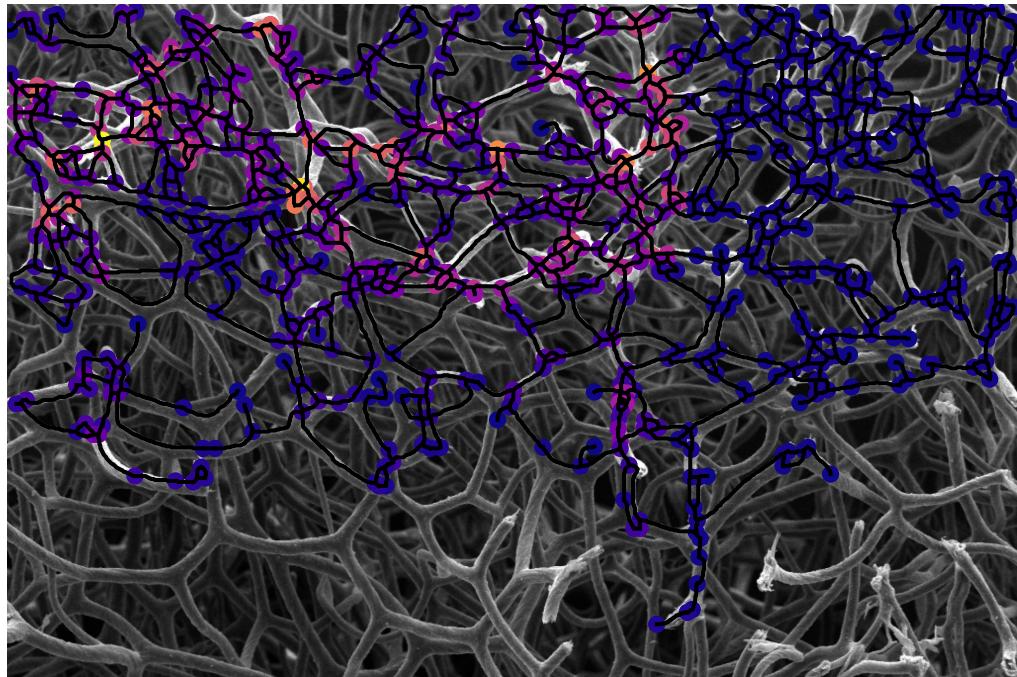




Degree Heatmap



Weighted Degree Heatmap



## Run Info

4\_002.tif  
2025-06-05 15:41:48

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\*\*\*Image Filter Configurations\*\*\*  
Global Threshold (64.0) || Gamma = 0.84  
    Gaussian Blur, 3.0 bit kernel  
    Low-pass filter, 10 window size

\*\*\*Microscopy Parameters\*\*\*  
Scalebar Value = 0.0 nm || Scalebar Pixel Count = 1  
    Resistivity = 1.0Ωm

\*\*\*Image Scale\*\*\*  
Size = 682 x 1024 px || Scale Factor = 0.6666666666666666

\*\*\*Graph Extraction Configurations\*\*\*  
Weight Type: Diameter || Merge Nodes || Prune Dangling Edges  
    Remove Objects of Size = 500 || Remove Self Loops