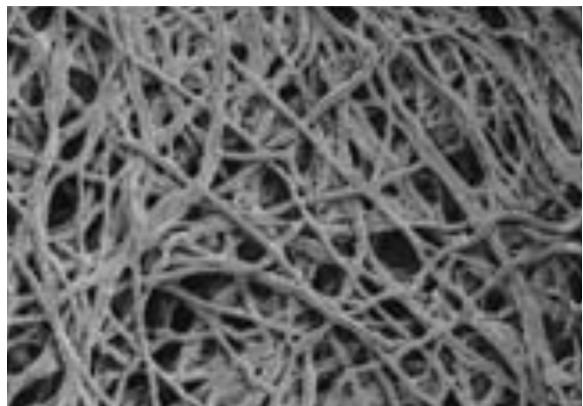
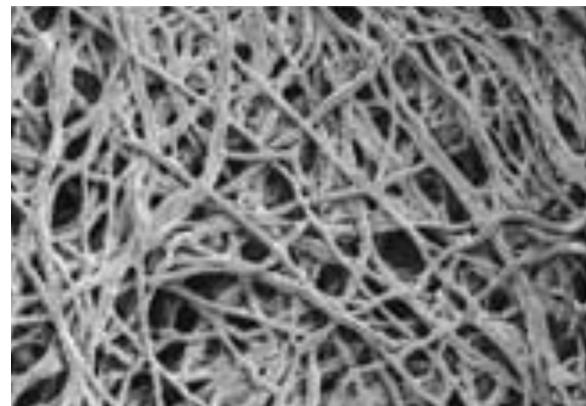


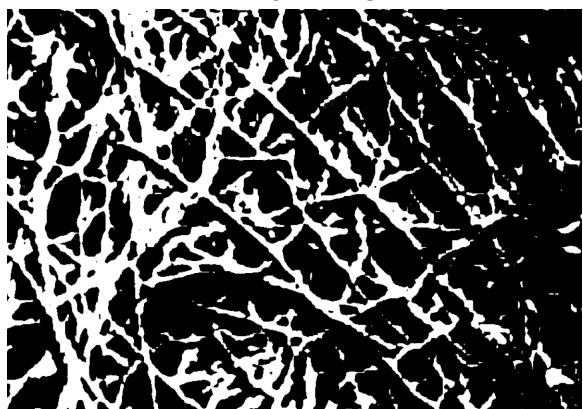
Original Image



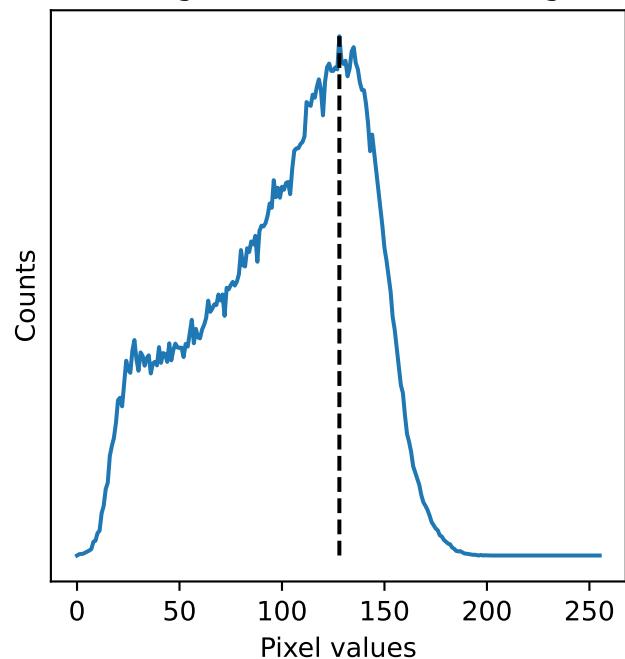
Processed Image



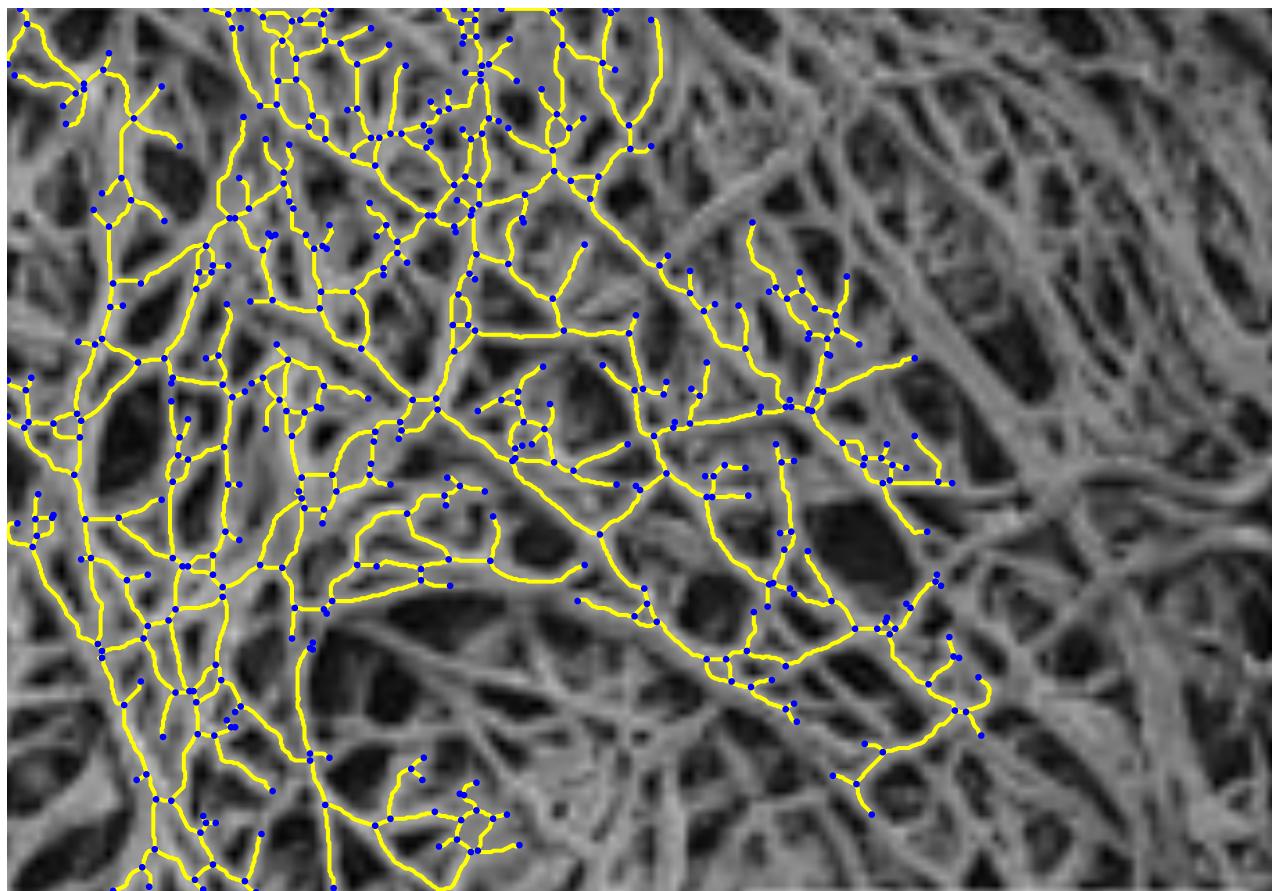
Binary Image



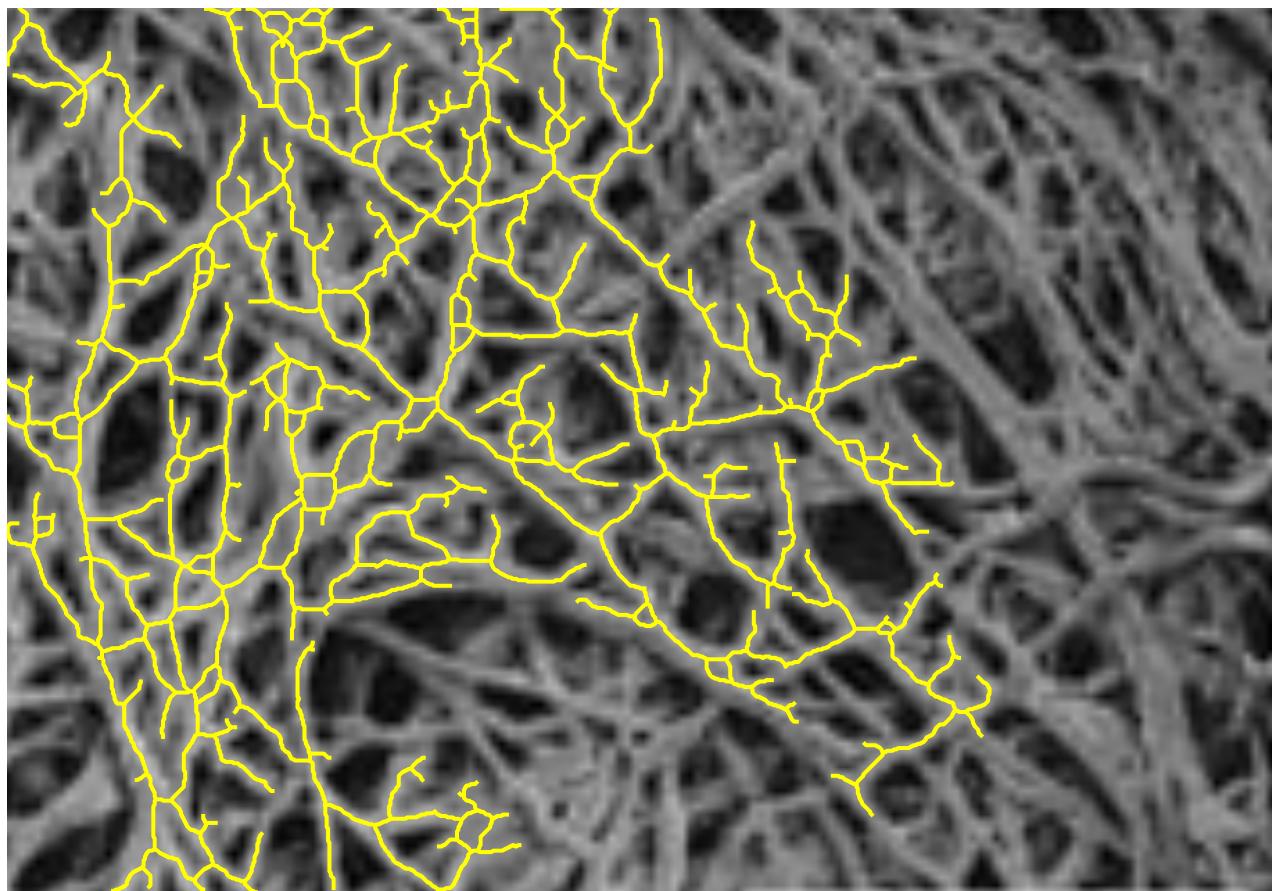
Histogram of Processed Image



Graph Node Plot



Graph Edge Plot

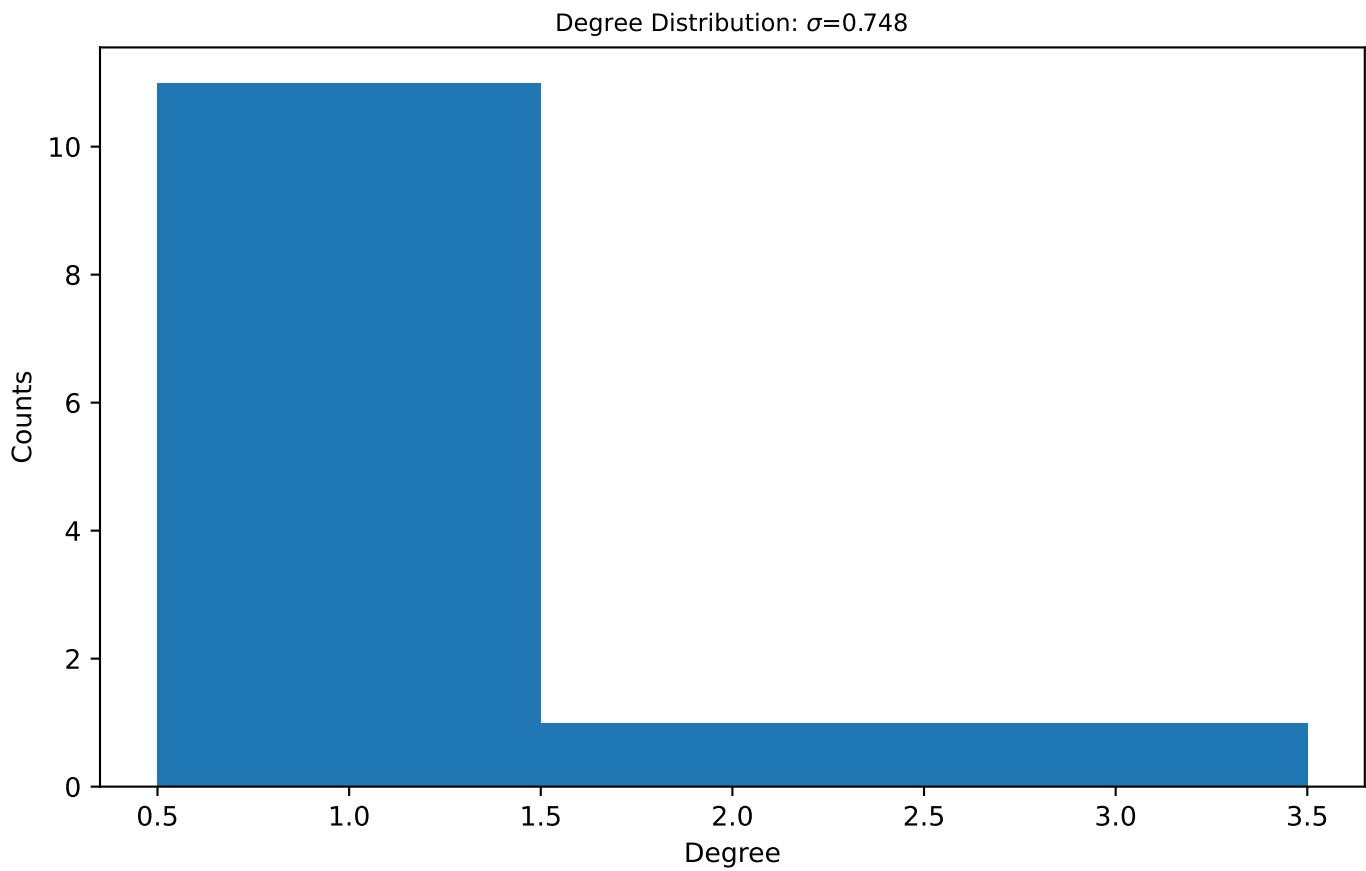


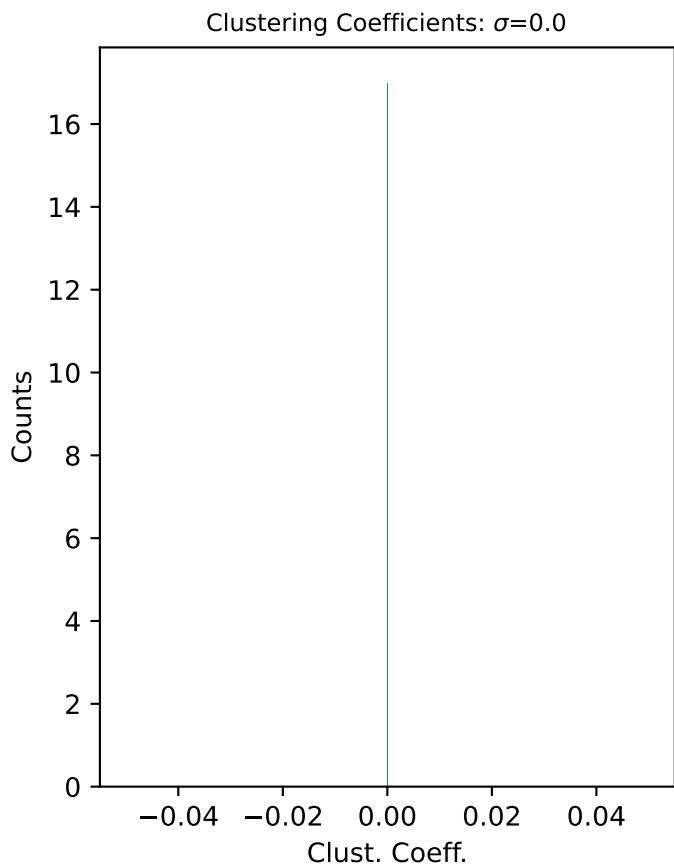
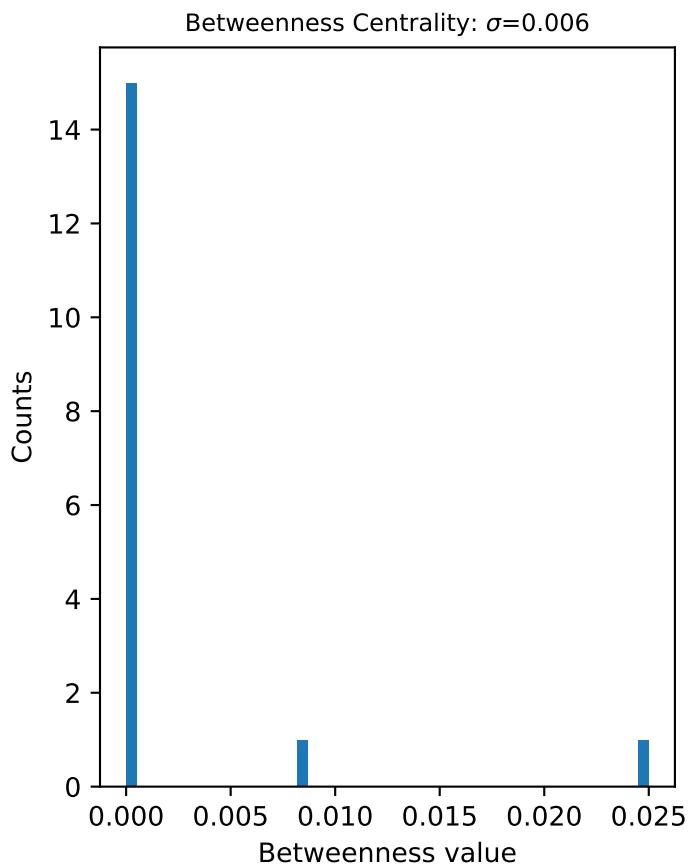
Unweighted GT parameters

Number of nodes	496.0
Number of edges	563.0
Average edge angle (degrees)	169.348
Median edge angle (degrees)	88.091
Average degree	2.27016
Network diameter	40.0
Graph density	0.00459
Assortativity coefficient	-0.14739
Average clustering coefficient	0.03058
Average betweenness centrality	0.03575

Scaling GT parameters

Number of nodes	105	228	228
Number of edges	97	228	228
Average edge angle (degrees)	162.644	228	228
Median edge angle (degrees)	81.87	228	228
Average degree	1.84762	228	228
Network diameter	NaN	228	228
Graph density	0.01777	228	228
Assortativity coefficient	0.06895	228	228
Average clustering coefficient	0.01746	228	228
Average betweenness centrality	0.01486	228	228
Number of nodes	112	228	228
Number of edges	90	228	228
Average edge angle (degrees)	155.96	228	228
Median edge angle (degrees)	65.705	228	228
Average degree	1.60714	228	228
Network diameter	NaN	228	228
Graph density	0.01448	228	228
Assortativity coefficient	0.02897	228	228
Average clustering coefficient	0.01488	228	228
Average betweenness centrality	0.0071	228	228
Number of nodes	102	228	228
Number of edges	54	228	228
Average edge angle (degrees)	99.835	228	228
Median edge angle (degrees)	56.749	228	228
Average degree	1.05882	228	228
Network diameter	NaN	228	228
Graph density	0.01048	228	228
Assortativity coefficient	-0.08858	228	228
Average clustering coefficient	0.0	228	228
Average betweenness centrality	5e-05	228	228
Number of nodes	92	228	228
Number of edges	87	228	228
Average edge angle (degrees)	167.046	228	228
Median edge angle (degrees)	90.0	228	228
Average degree	1.8913	228	228
Network diameter	NaN	228	228
Graph density	0.02078	228	228
Assortativity coefficient	-0.06642	228	228





Run Info

InVitroBioFilm.png
2025-05-19 15:36:22

Image Filter Configurations
Global Threshold (128.0) || Gamma = 1.0

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

Image Scale
Size = 638 x 912 px || Scale Factor = 1.0

Graph Extraction Configurations