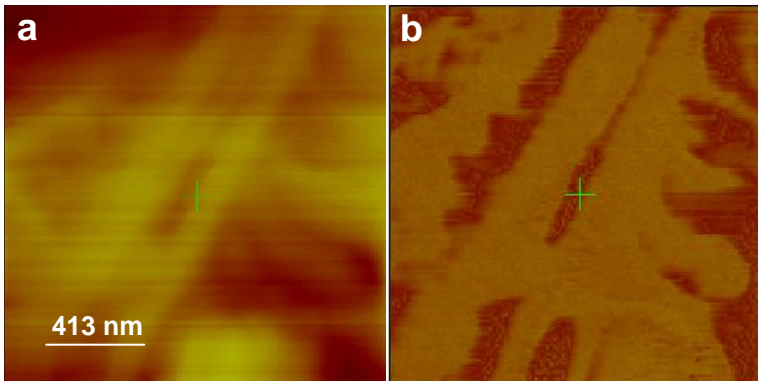
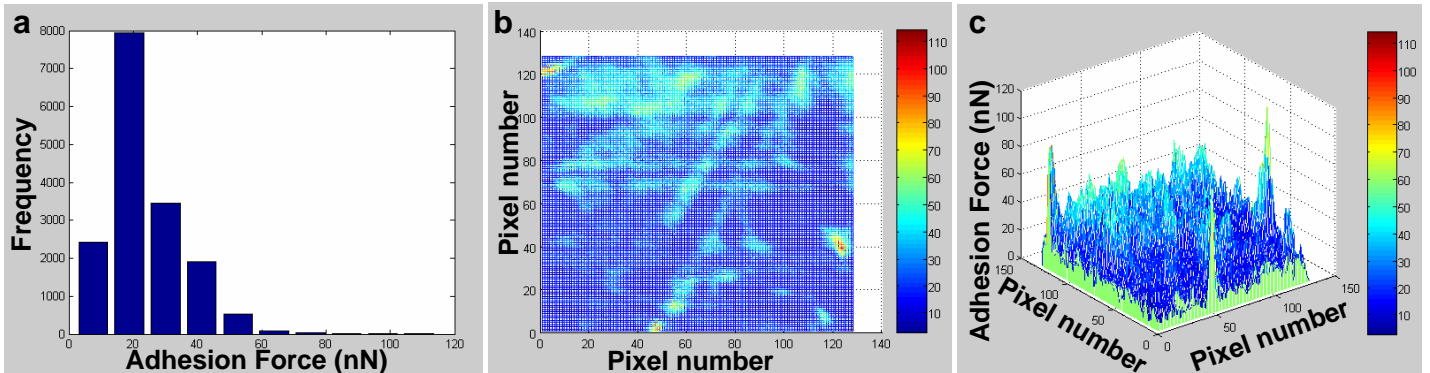


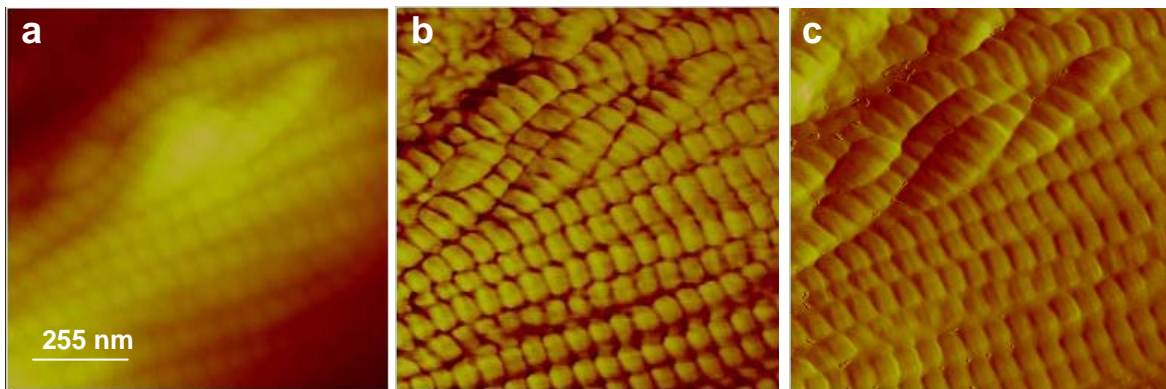
S.1 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A1.



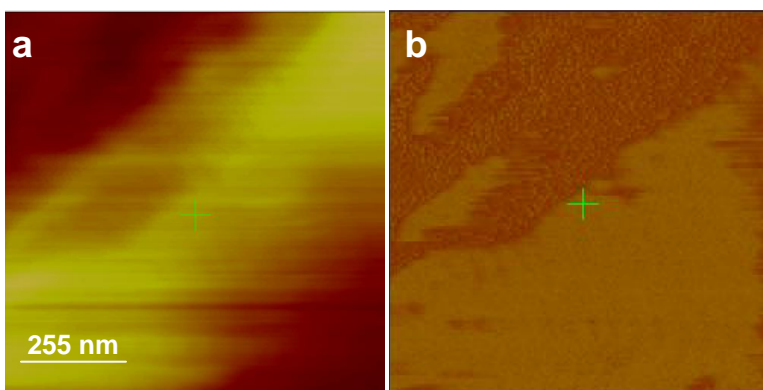
S.2 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A1.



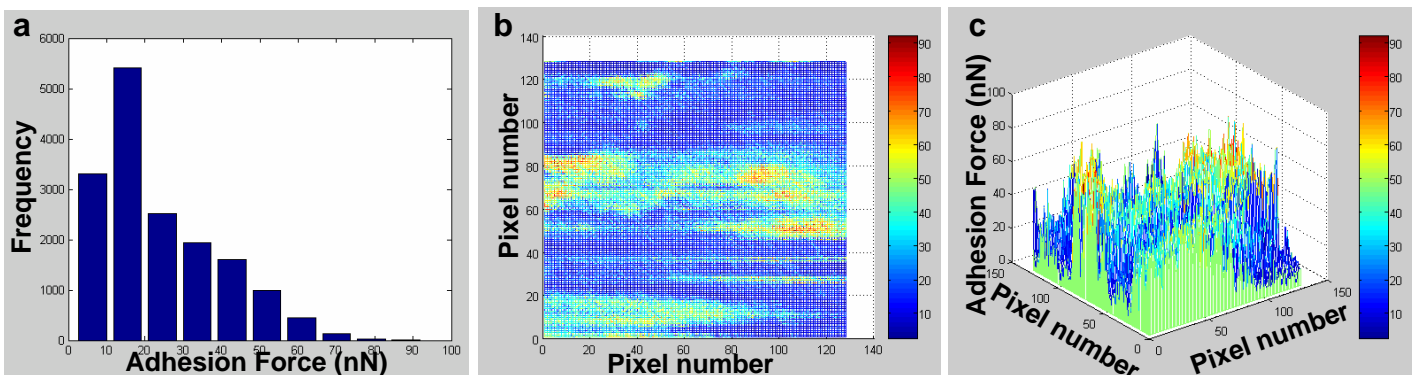
S.3 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.2. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



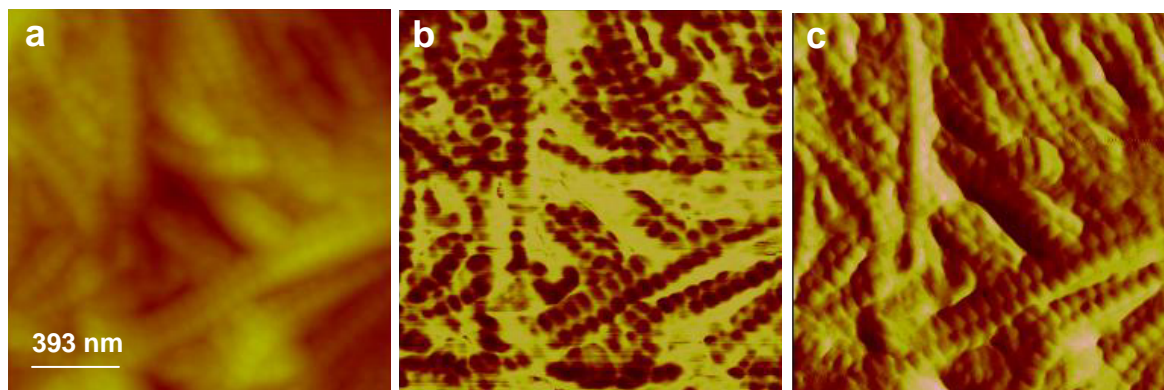
S.4 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A2.



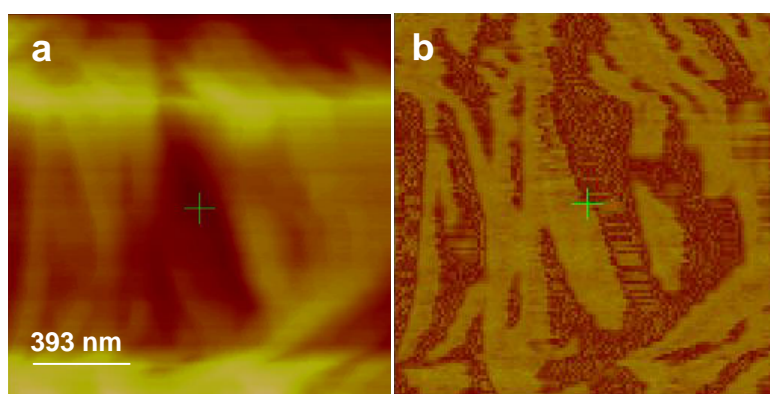
S.5 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A2.



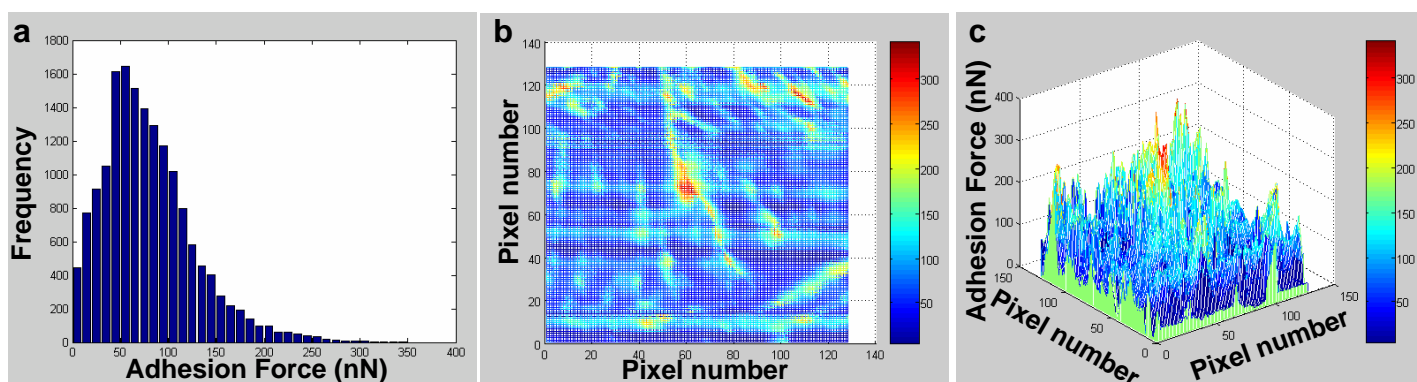
S.6 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.5. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.7 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A3.

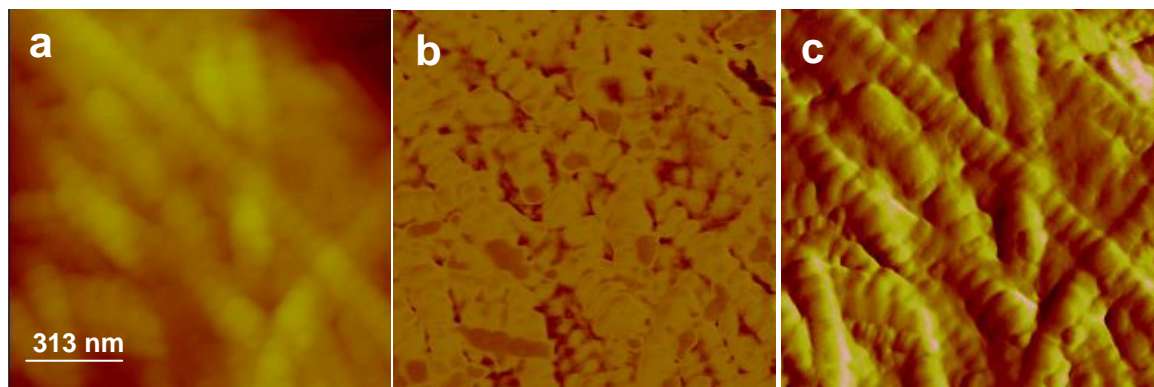


S.8 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A3.

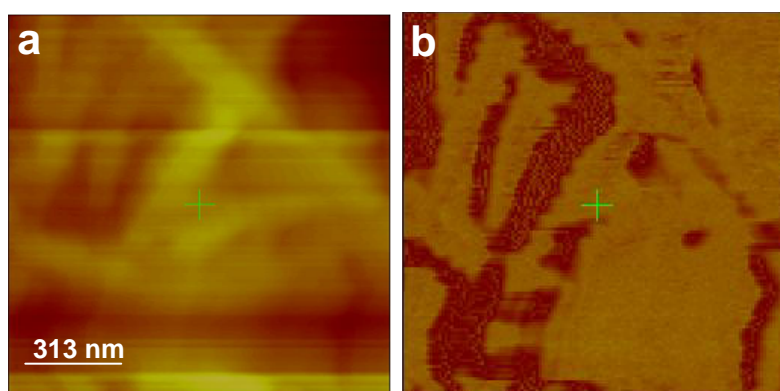


S.9 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.8. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

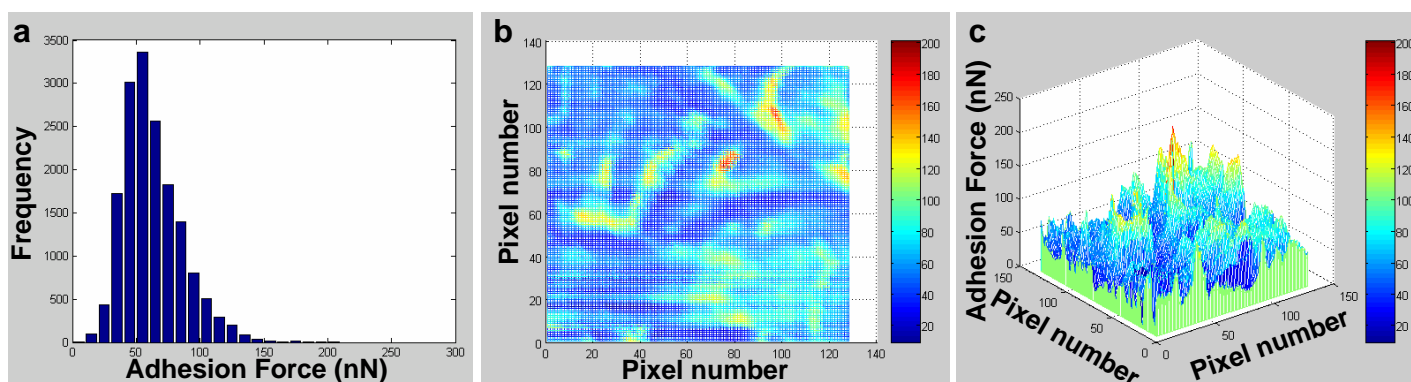




S.10 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A4.

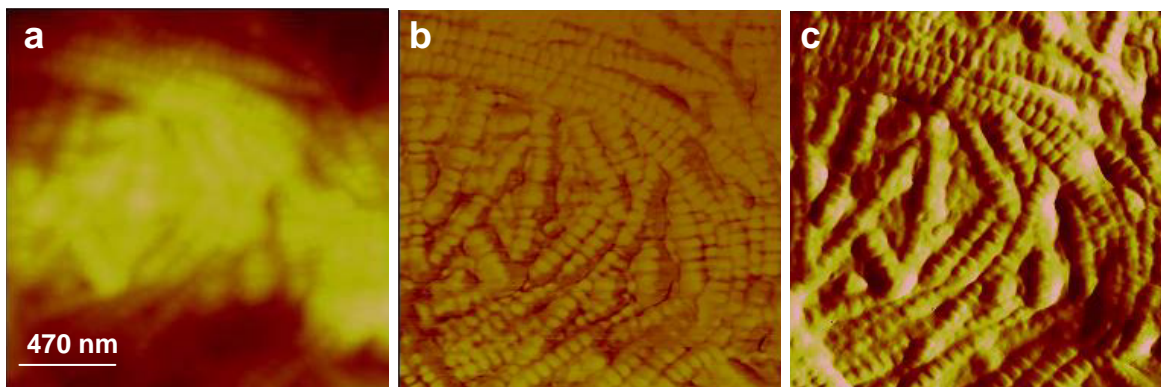


S.11 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A4.

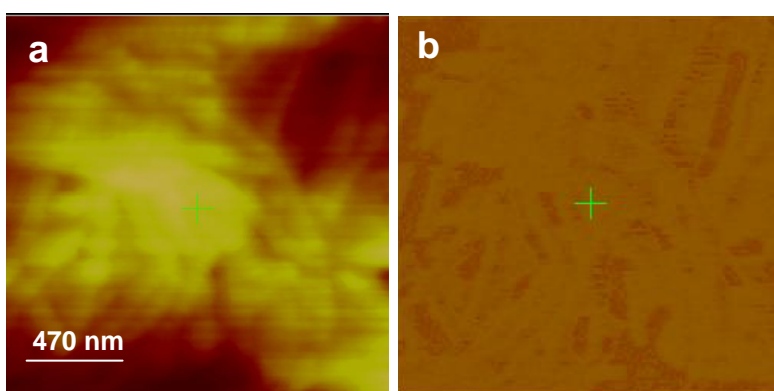


S.12 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.11. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

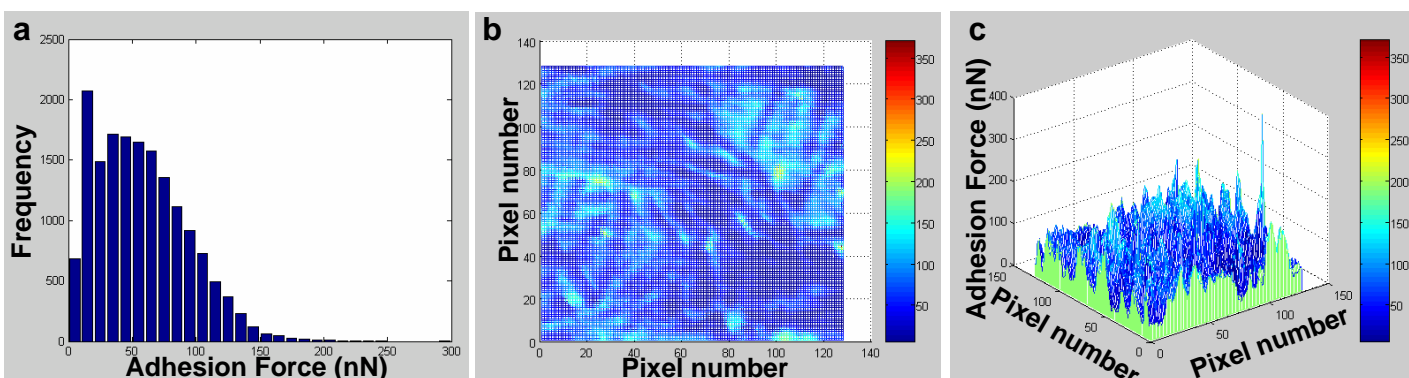




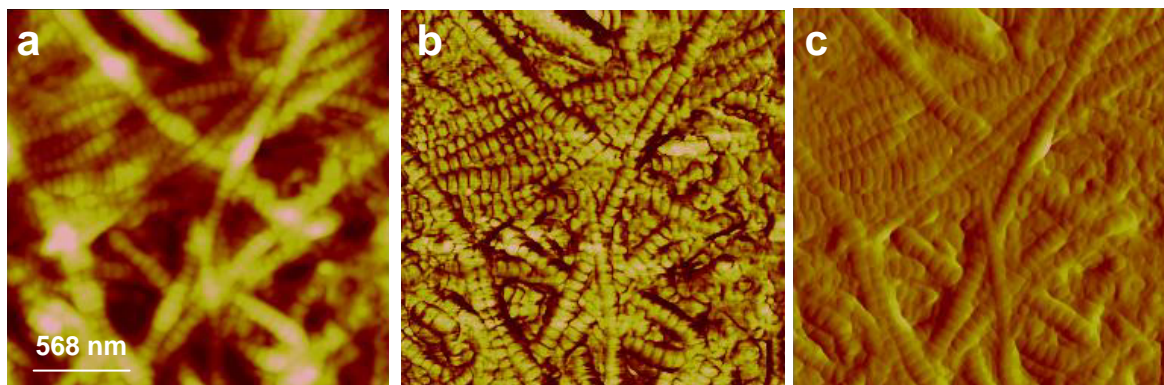
S.13 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A5.



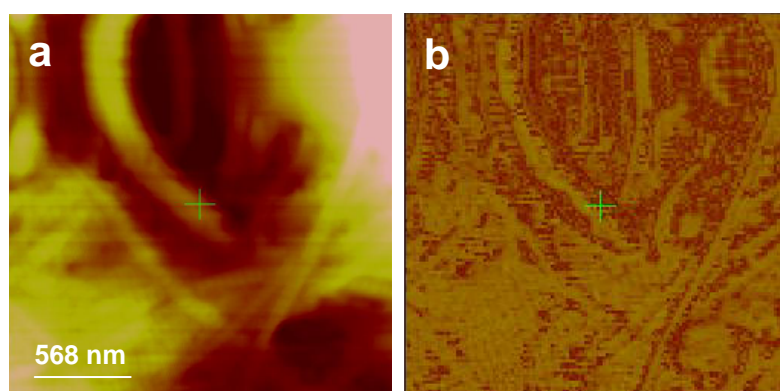
S.14 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A5.



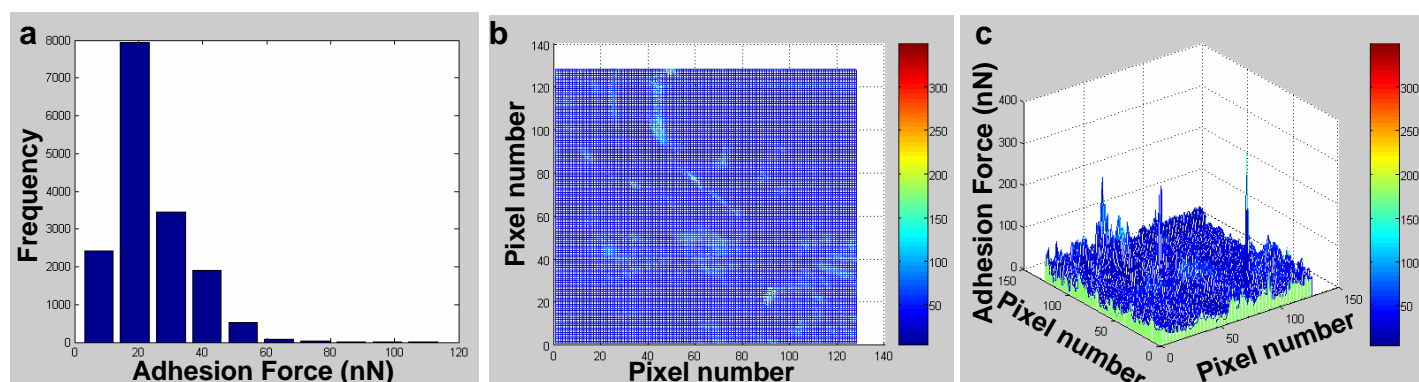
S.15 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.14. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.16 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A6.

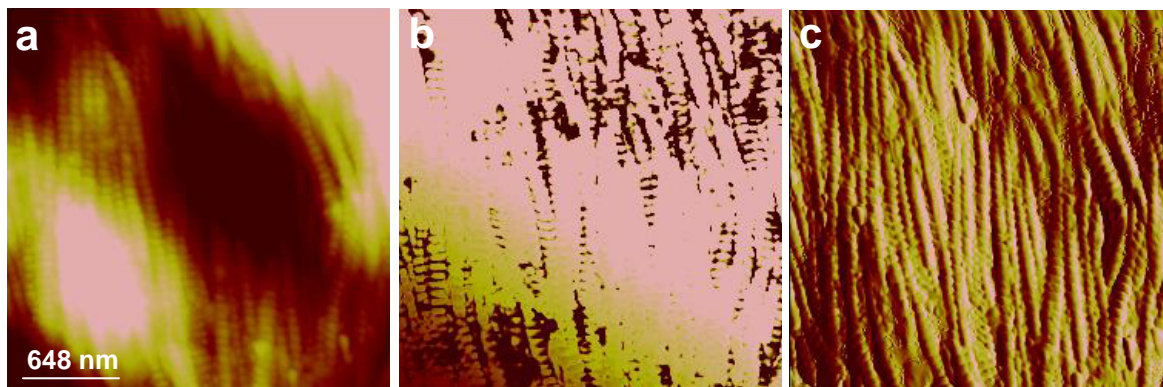


S.17 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A6.

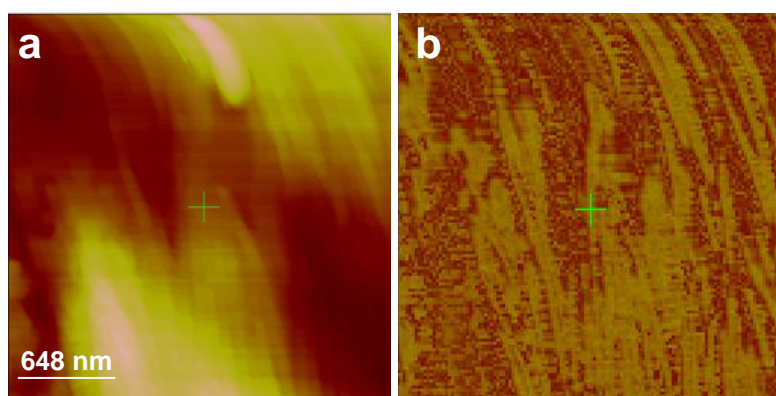


S.18 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.17. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

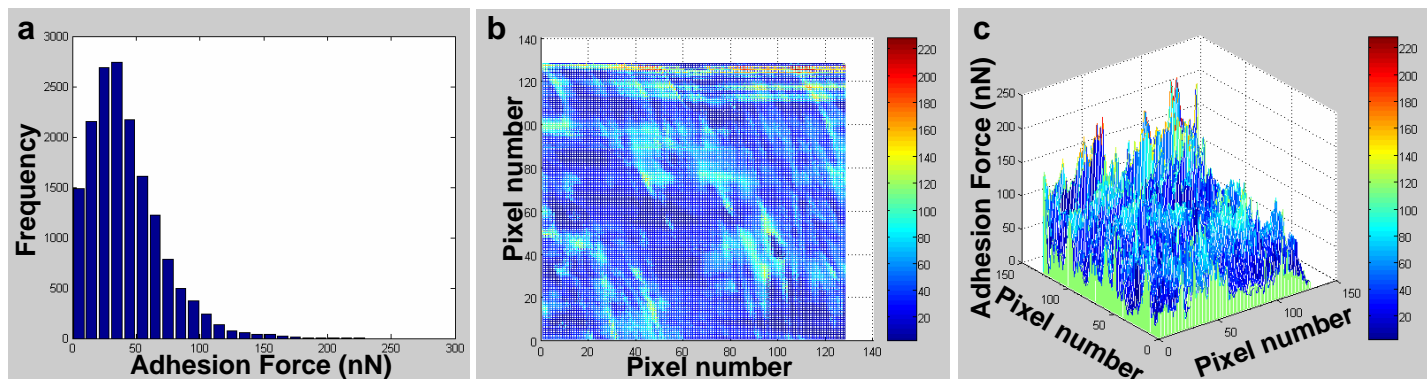




S.19 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A7.

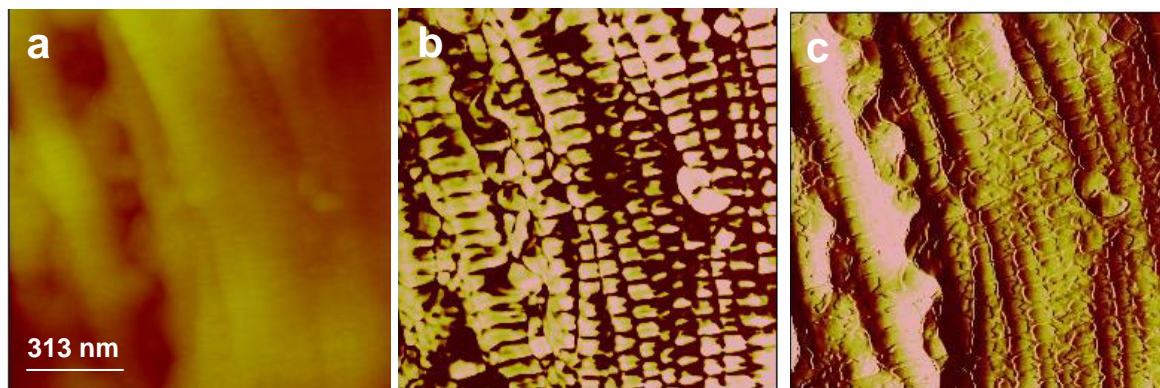


S.20 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A7.

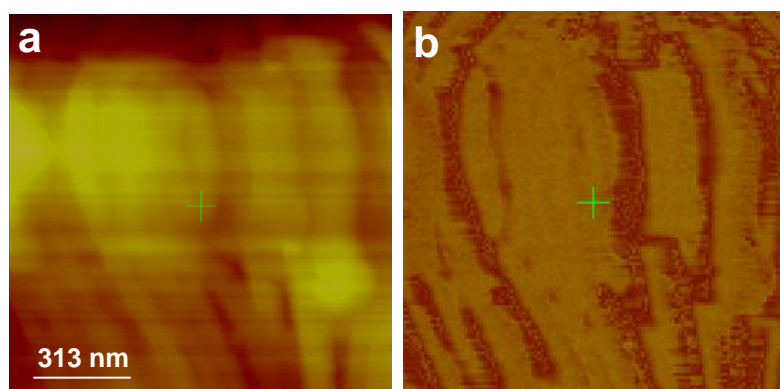


S.21 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.20. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

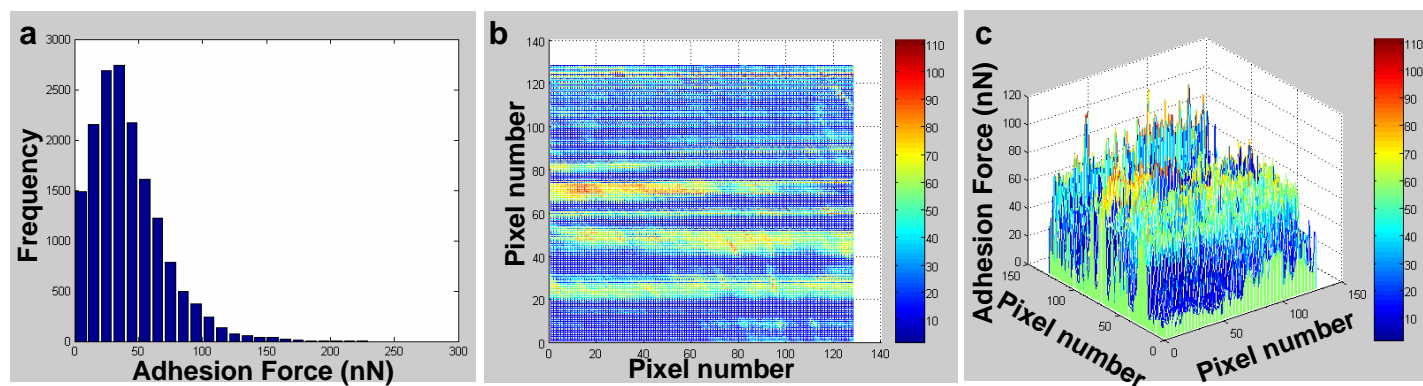




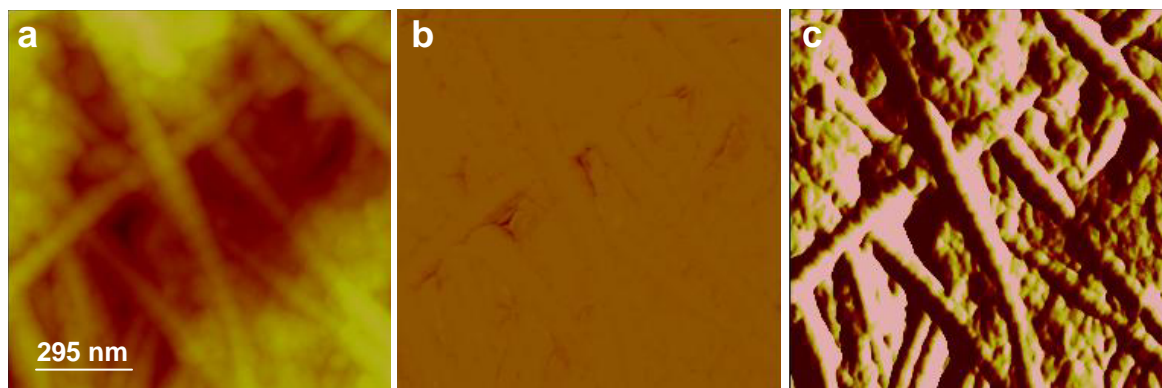
S.22 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A8.



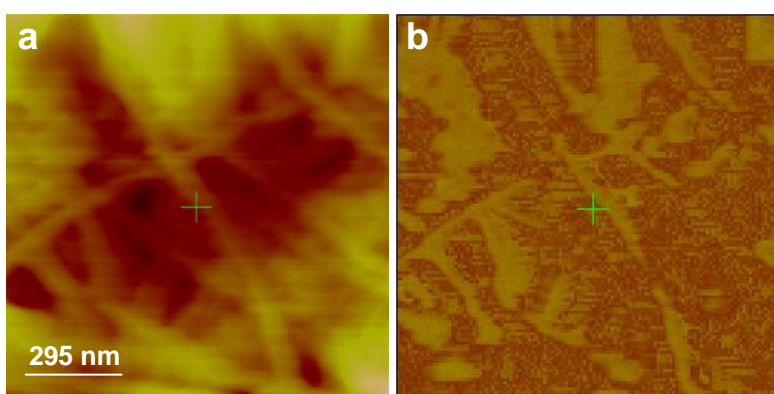
S.23 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A8.



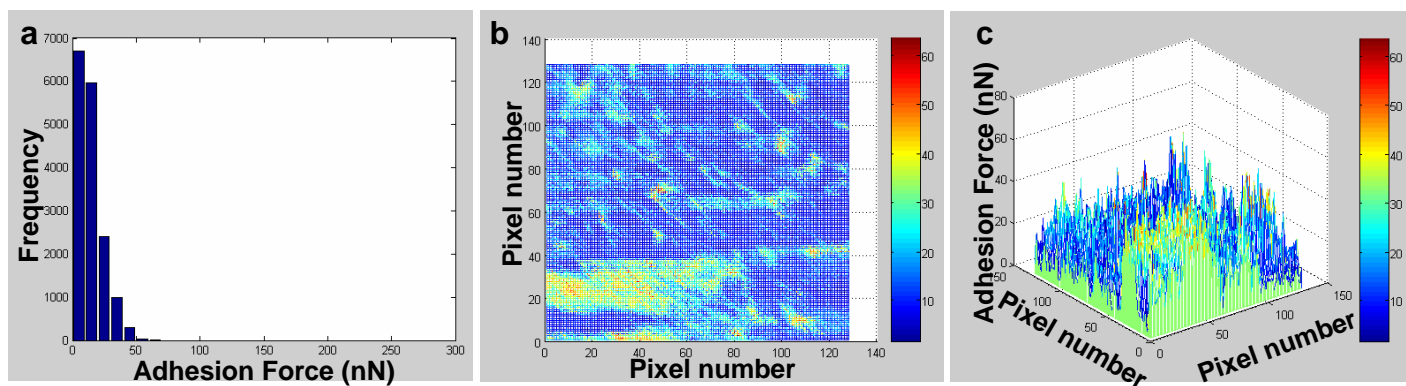
S.24 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.23. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



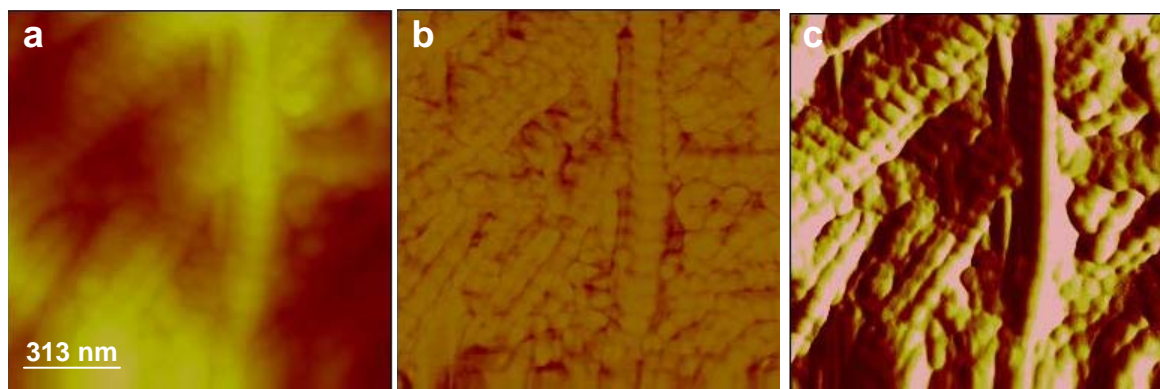
S.25 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A9.



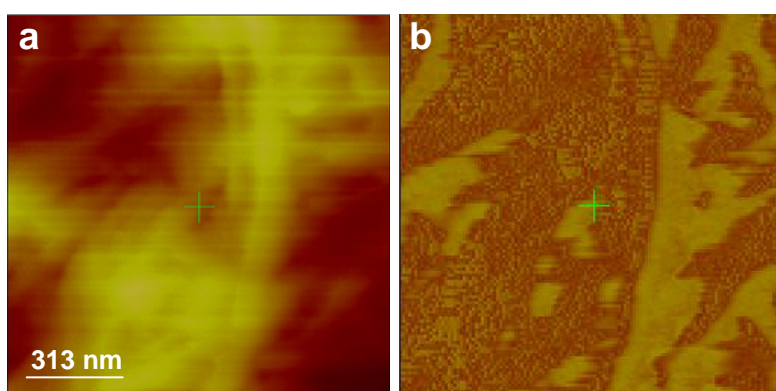
S.26 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A9.



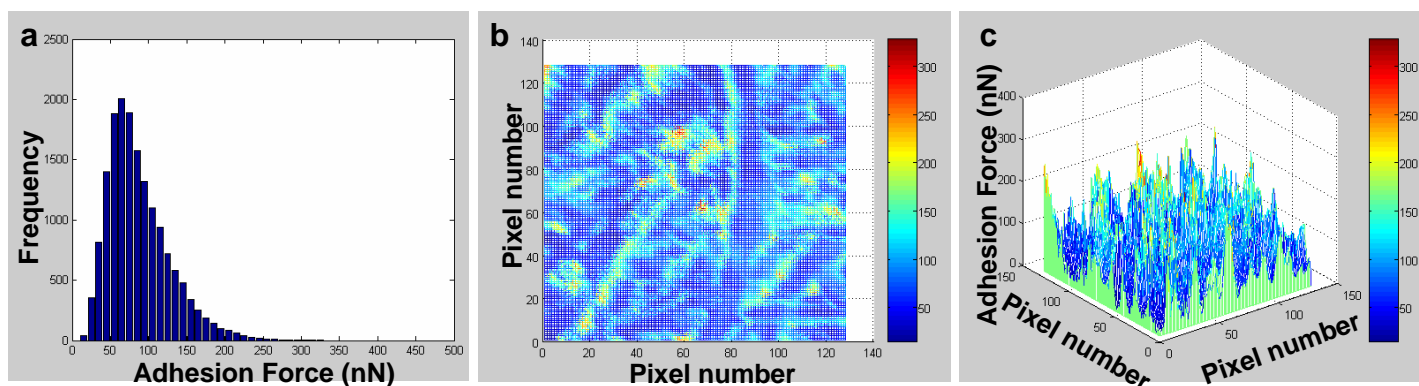
S.27 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.26. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.28 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A10.

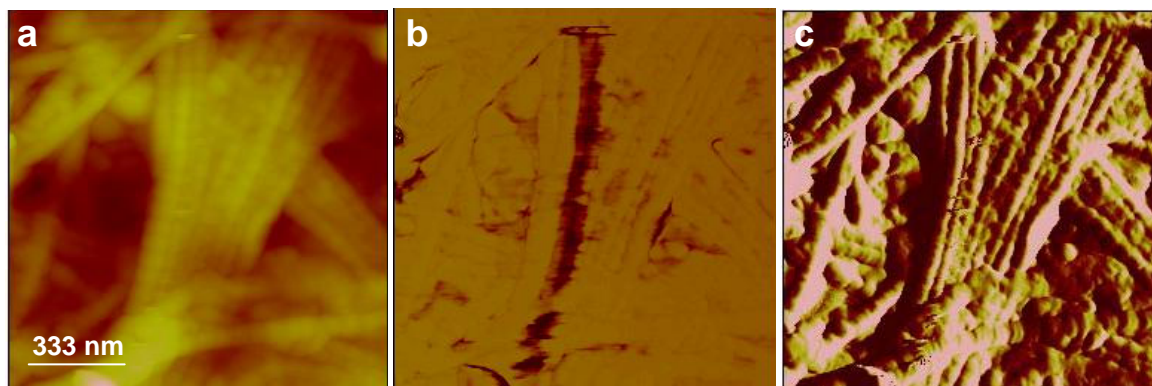


S.29 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A10.

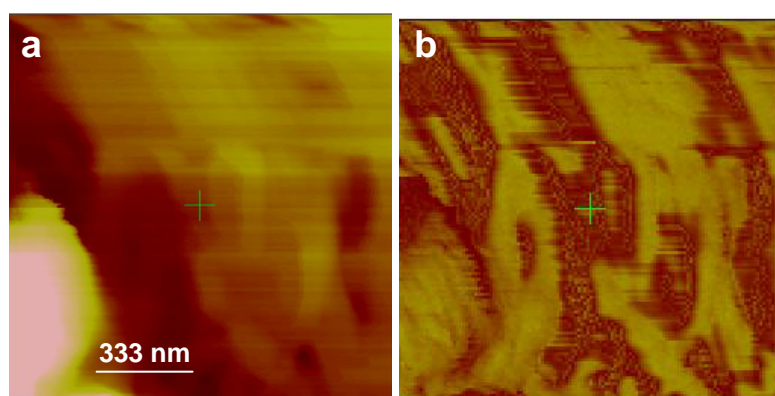


S.30 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.29. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

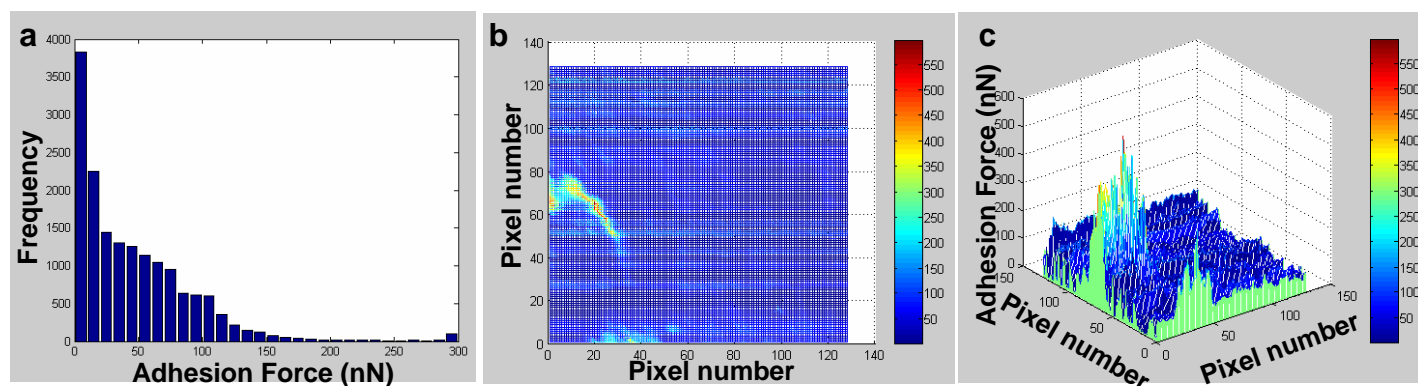




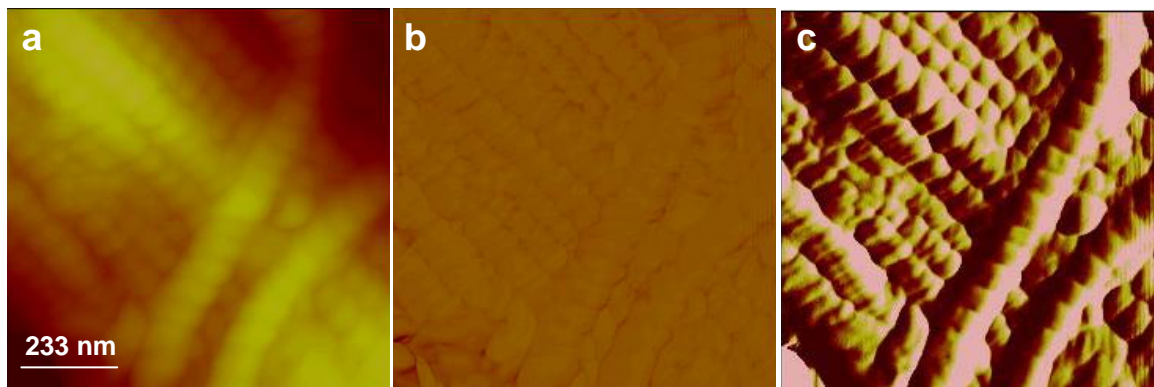
S.31 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A11.



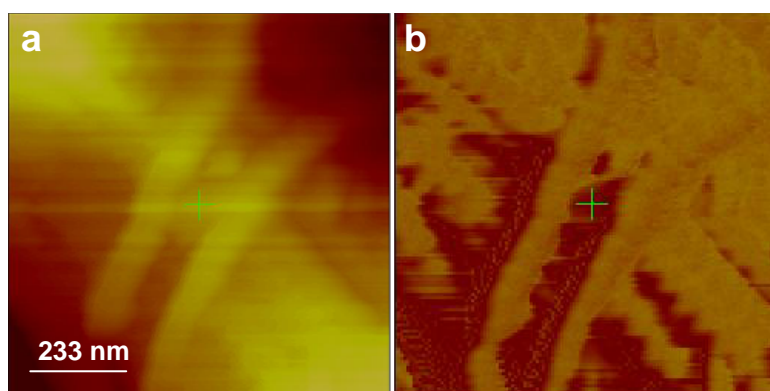
S.32 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A11.



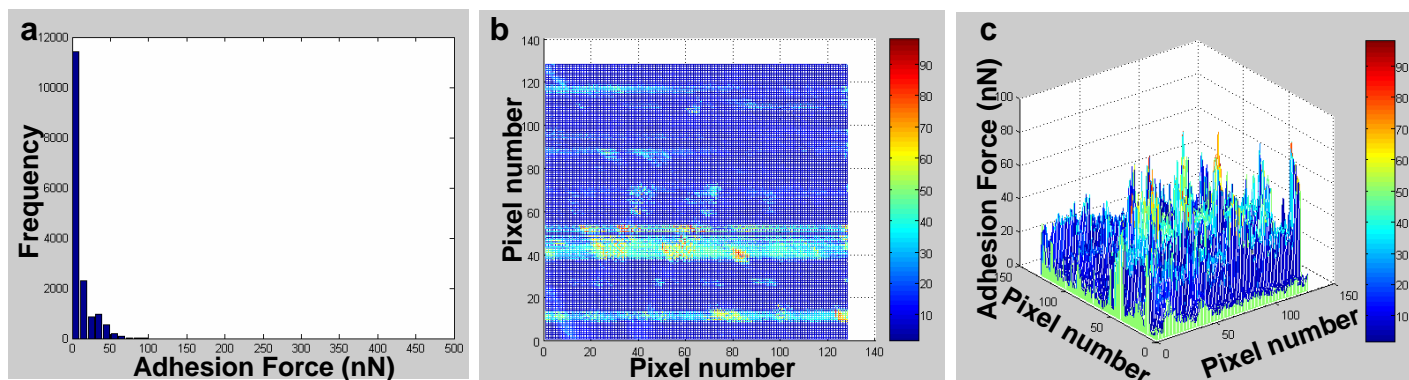
S.33 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.32. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



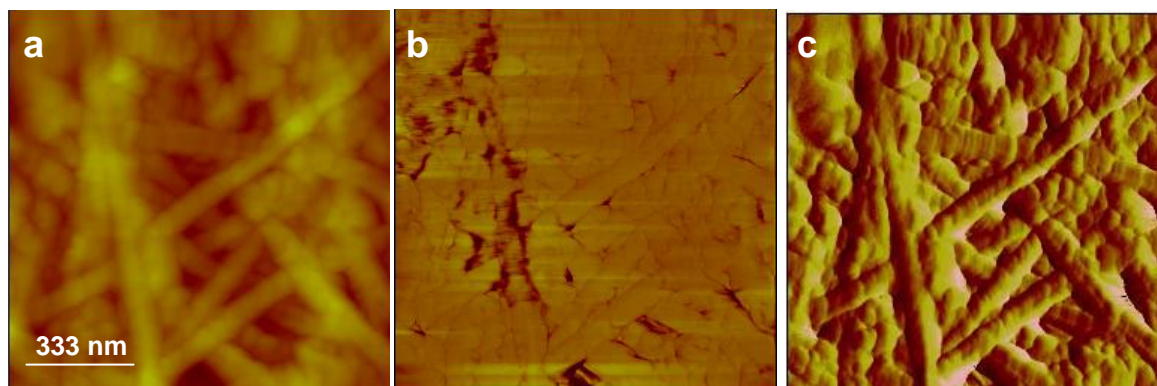
S.34 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region away from the optic nerve. The image was collected from a sample labeled as A12.



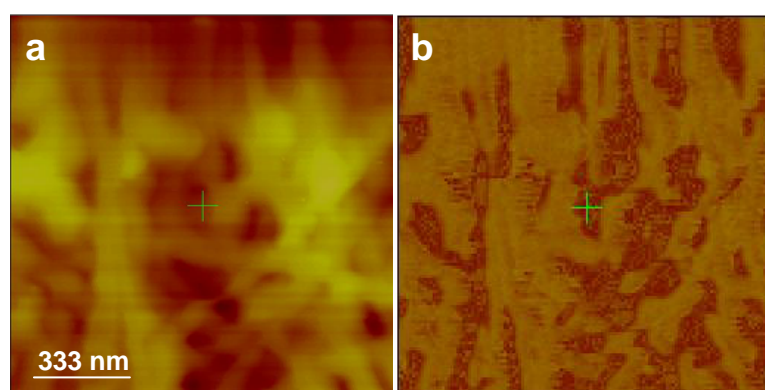
S.35 Topography (a) and a FV image (b) of an area away from the optic nerve. The data was collected from a sample labeled as A12.



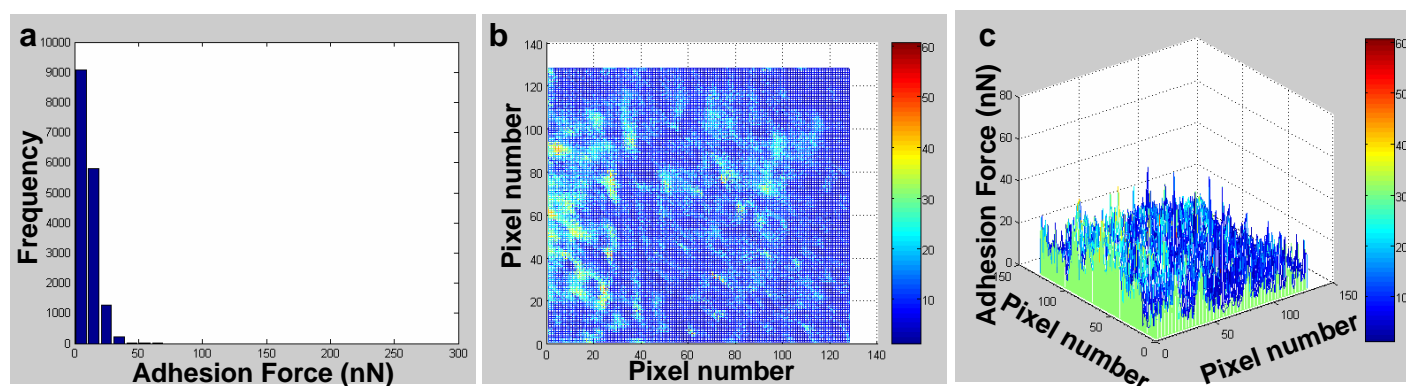
S.36 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.35. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.37 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O1.

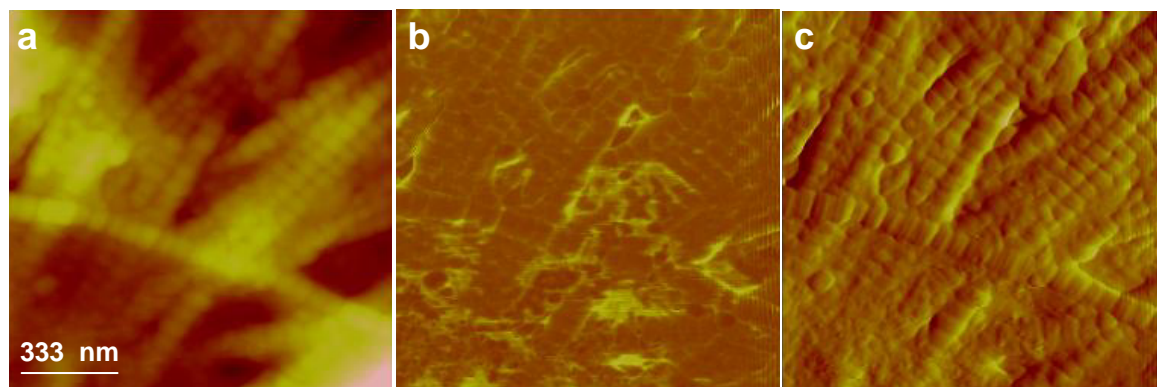


S.38 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O1.

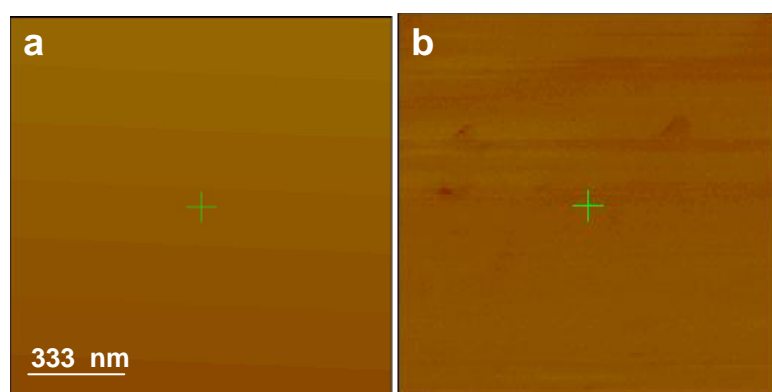


S.39 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.38. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

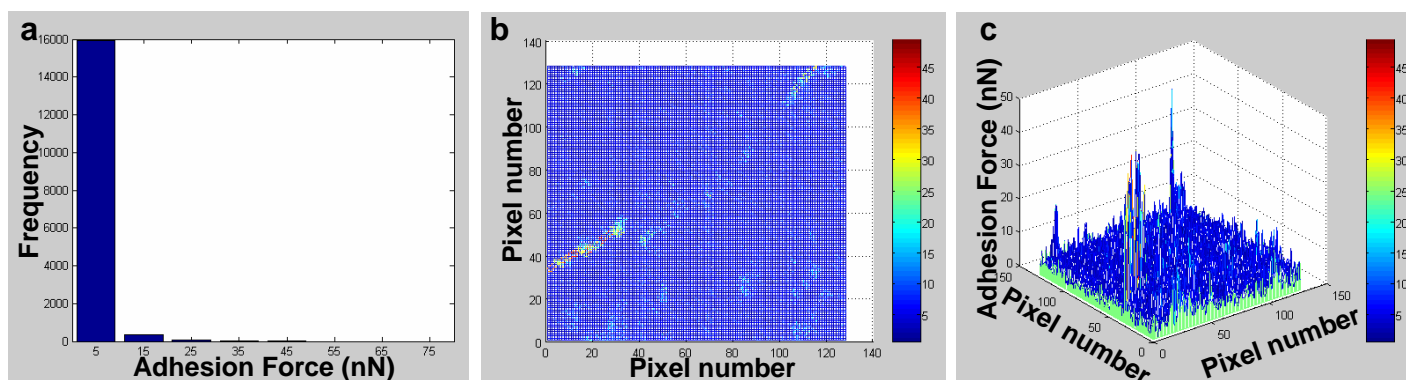




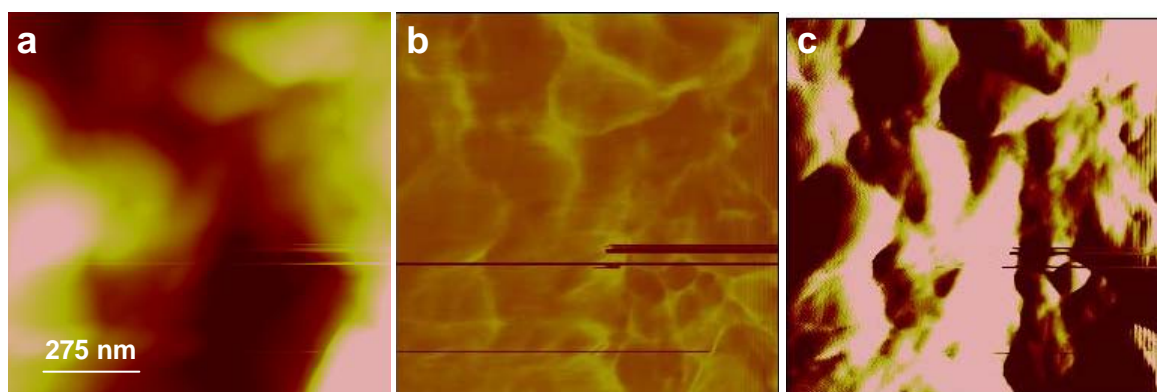
S.40 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O2.



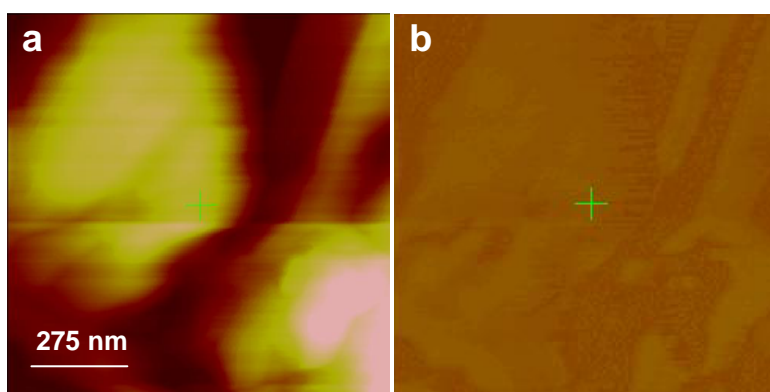
S.41 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O2.



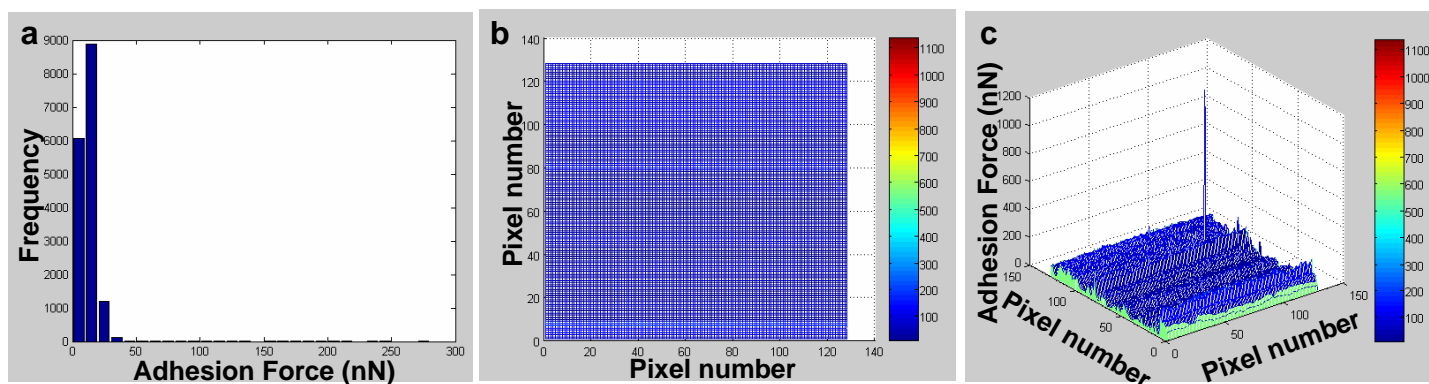
S.42 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.41. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



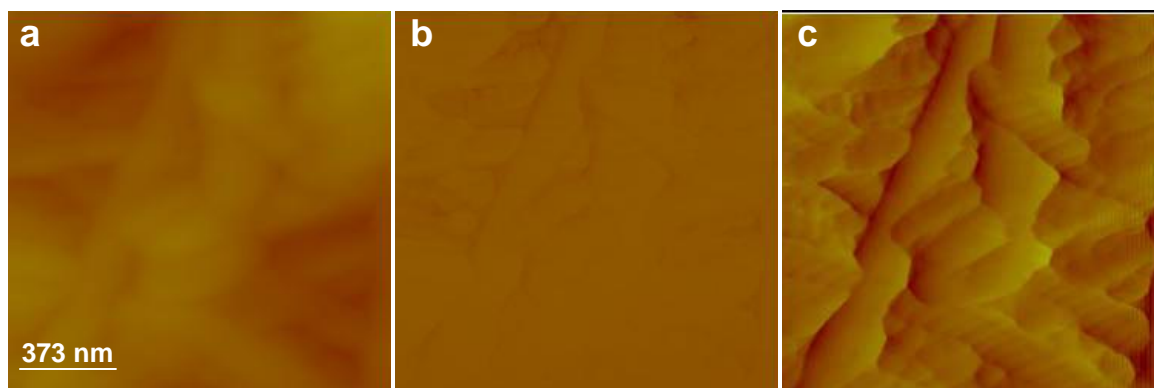
S.43 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O3.



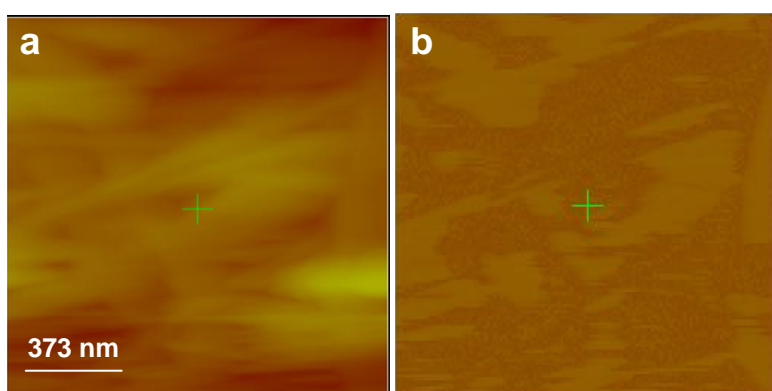
S.44 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O3.



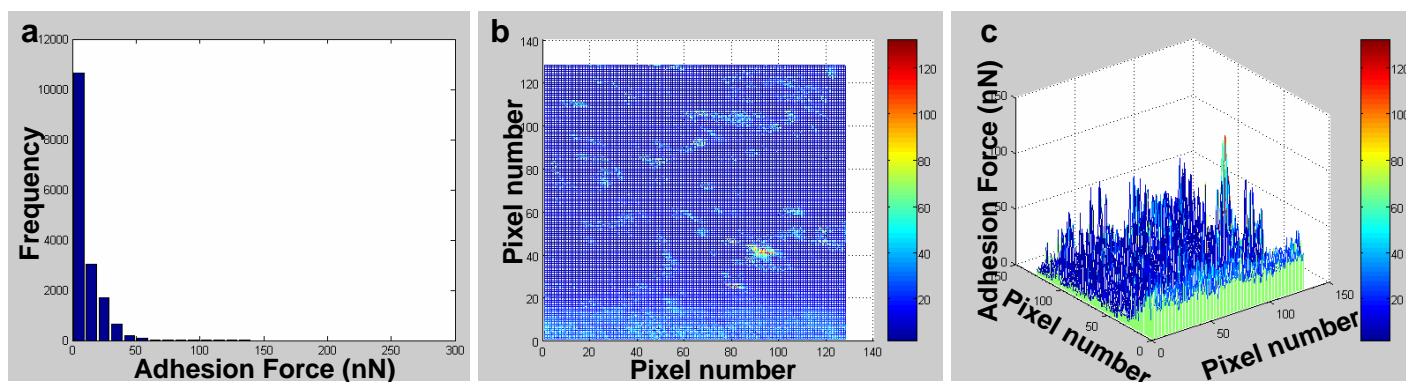
S.45 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.44. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.46 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O4.

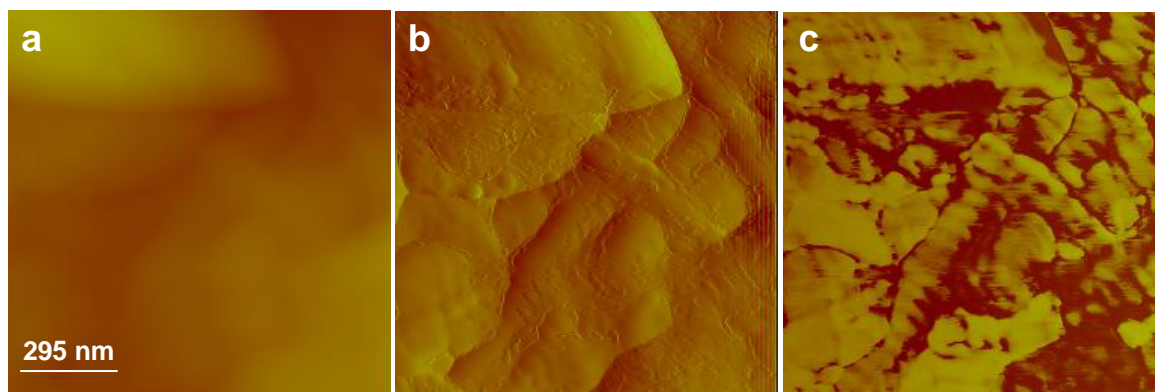


S.47 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O4.

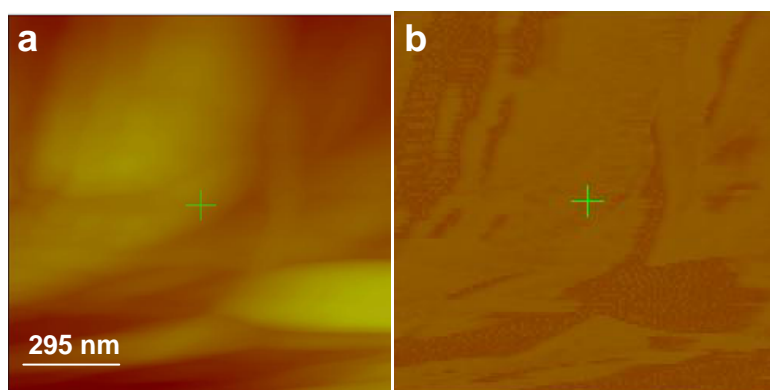


S.48 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.47. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

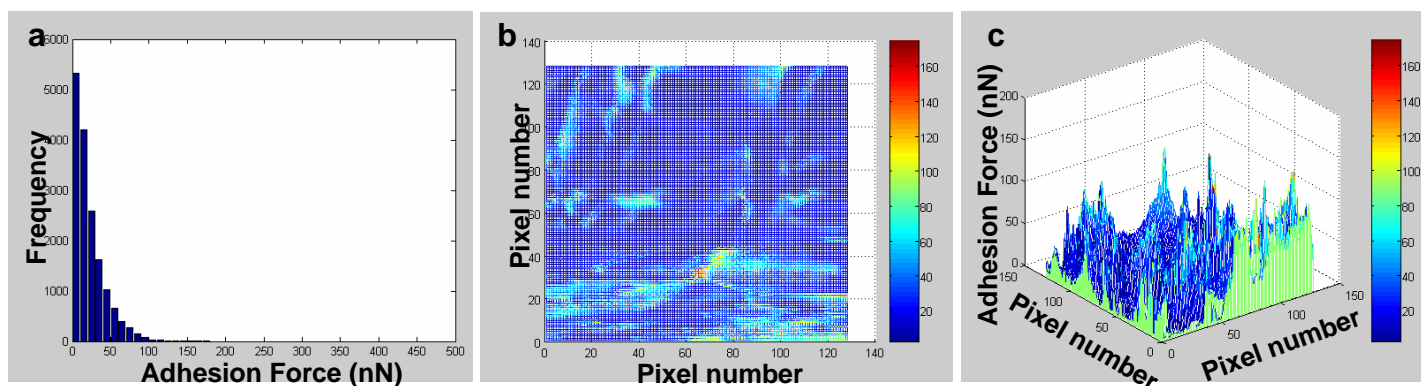




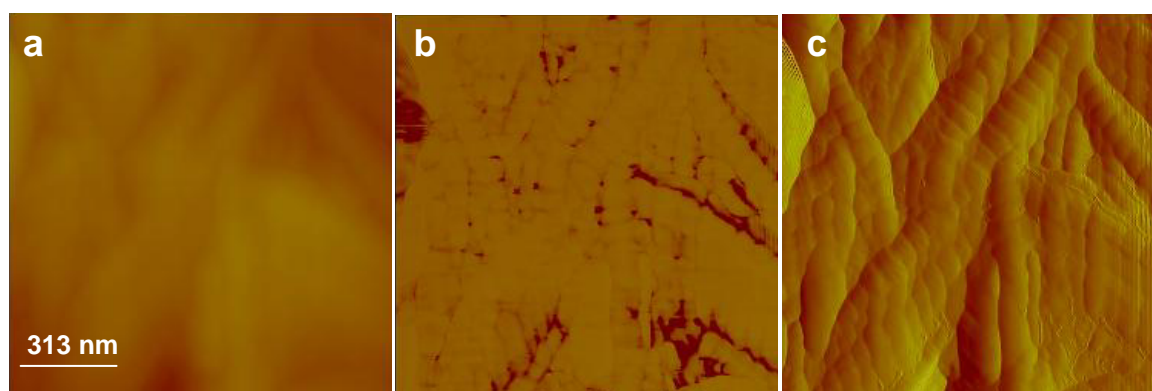
S.49 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O5.



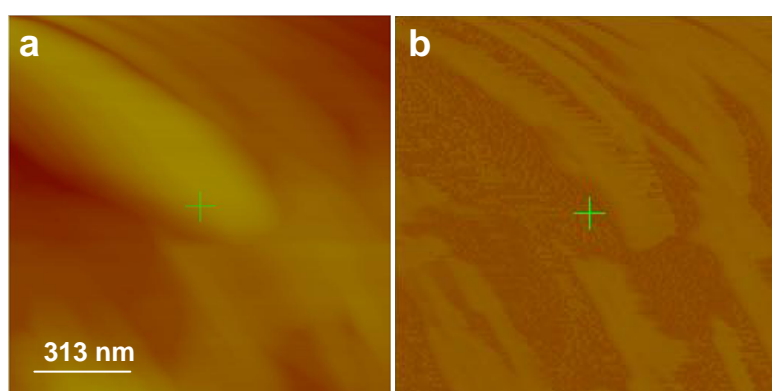
S.50 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O5.



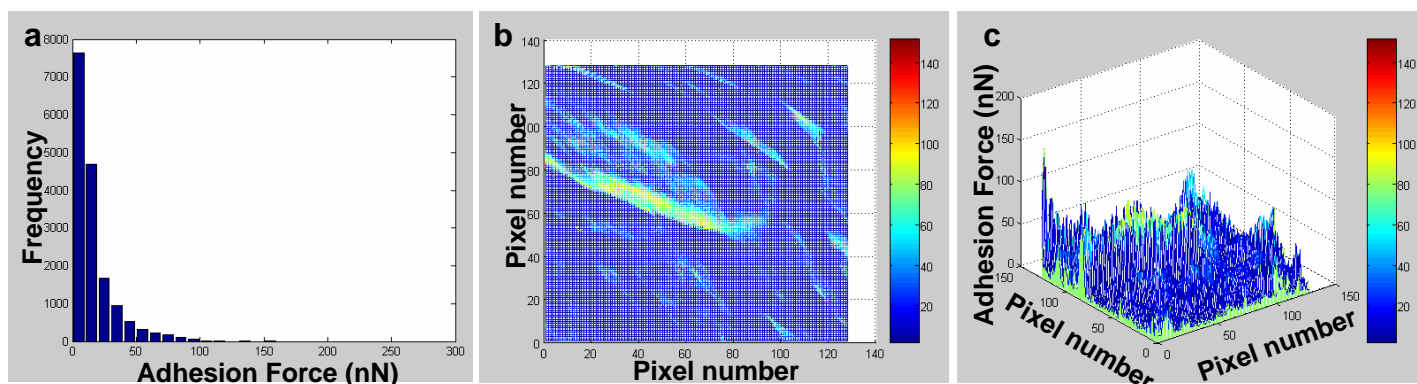
S.51 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.50. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



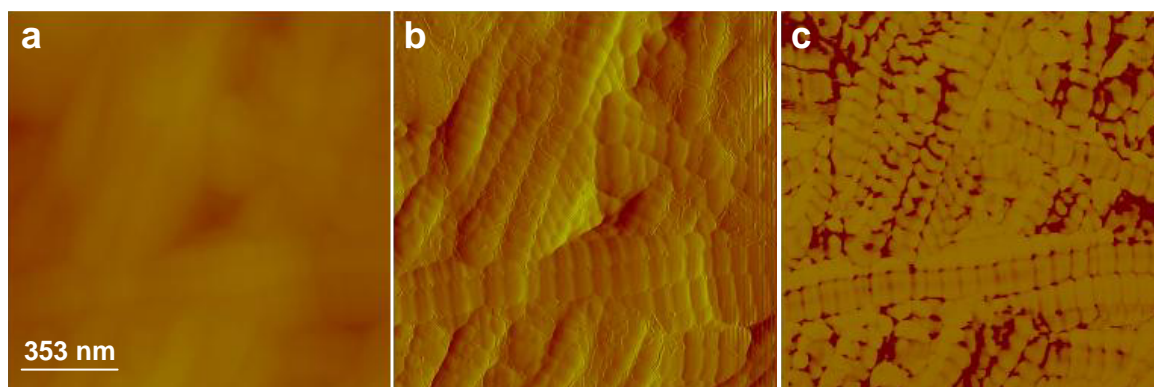
S.52 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O6.



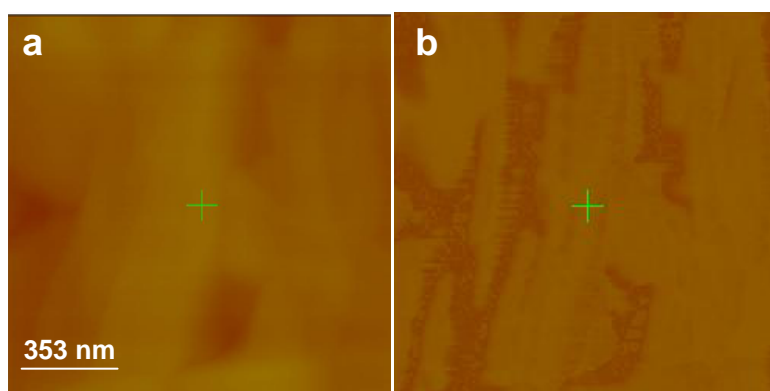
S.53 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O6.



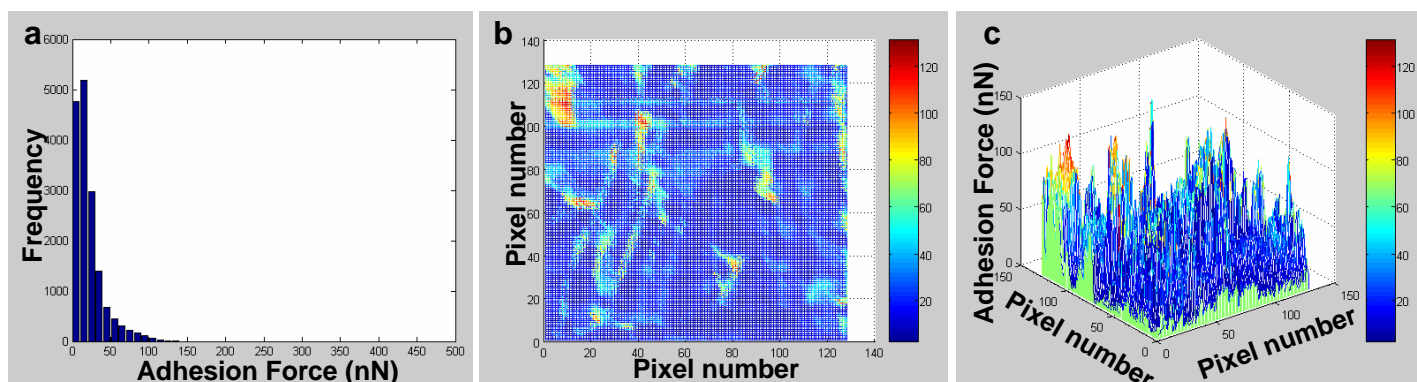
S.54 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.53. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.55 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O7.

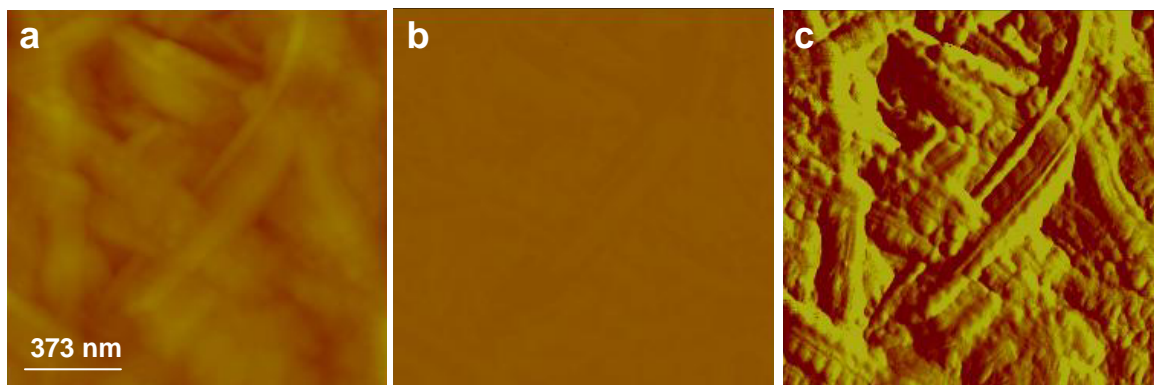


S.56 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O7.

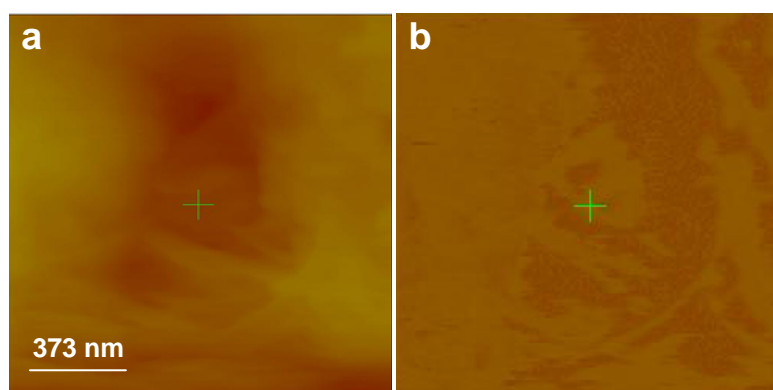


S.57 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.56. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .

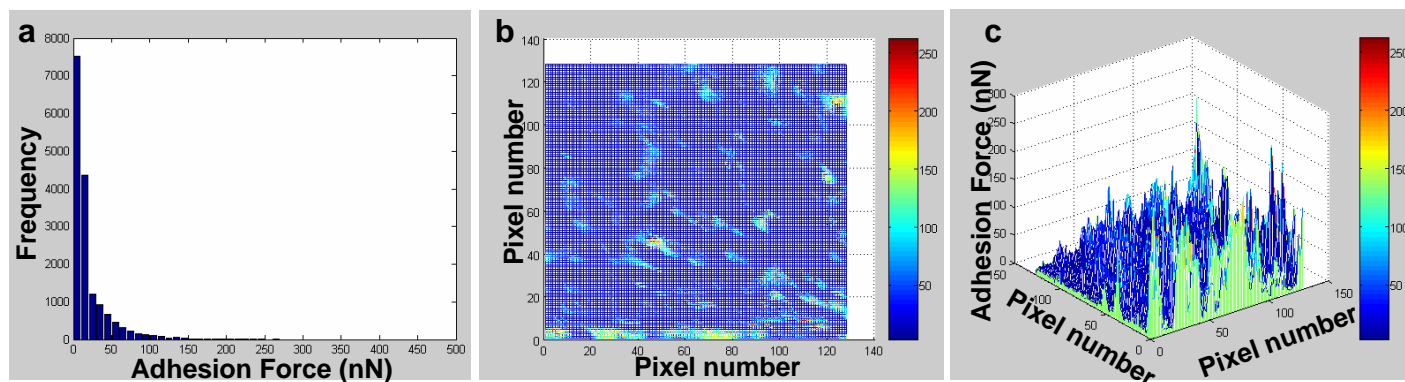




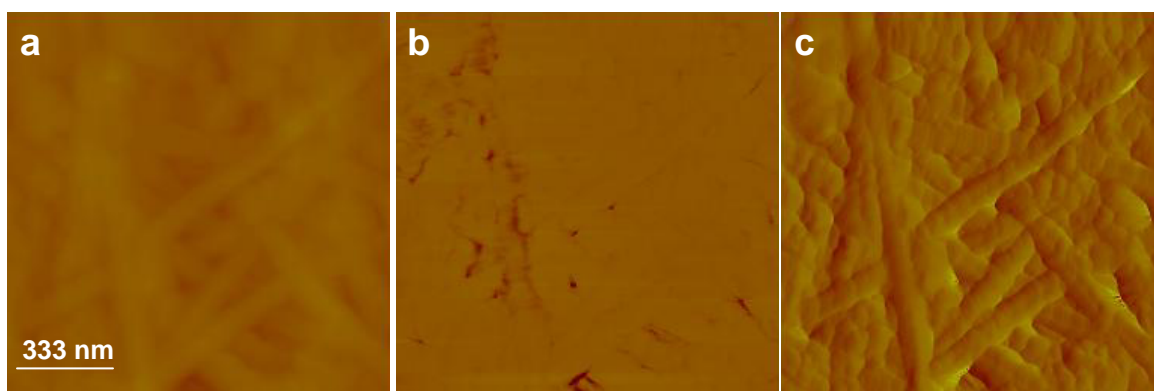
S.58 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O8.



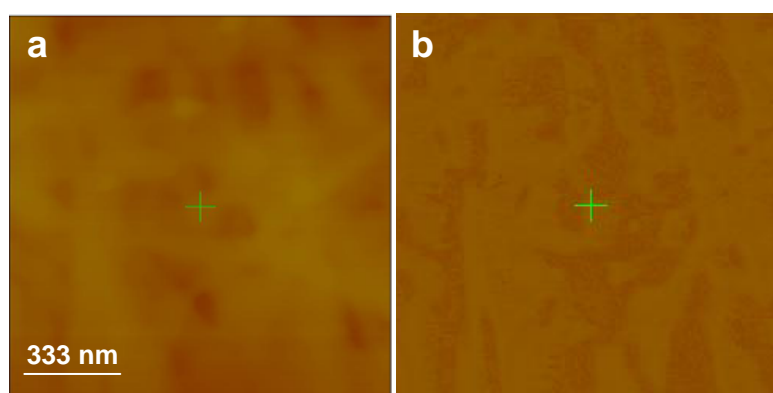
S.59 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O8.



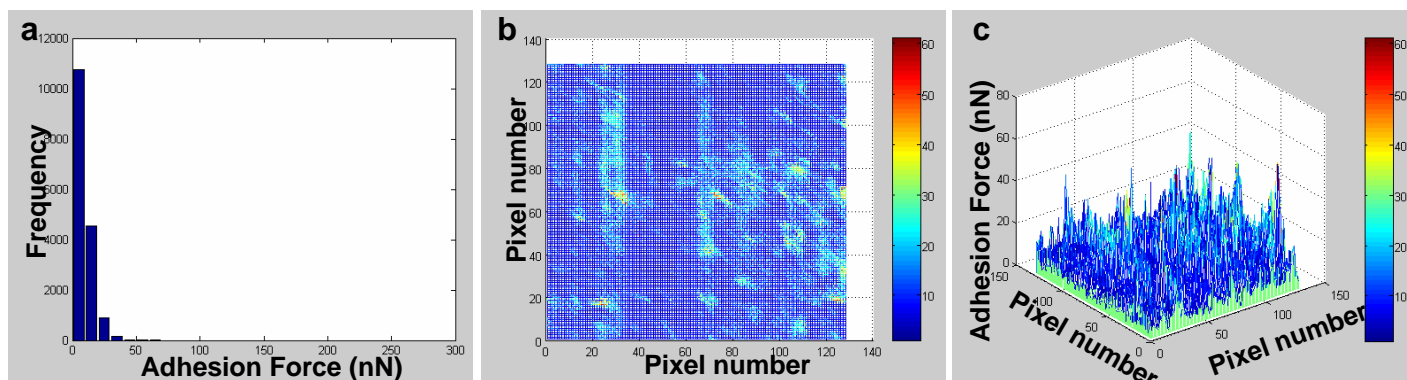
S.60 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.59. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .



S.61 Tapping mode AFM images in air. Height (a), phase (b), and amplitude images for a region close to the optic nerve. The image was collected from a sample labeled as O9.



S.62 Topography (a) and a FV image (b) of an area close to the optic nerve. The data was collected from a sample labeled as O9.



S.63 Part (a) is a histogram showing the distribution of forces extracted from the FV image in figure S.62. Part (b) is the adhesion map for the same FV image. Part (c) is a 3D wireframe plot where the x and y axis correspond to pixel numbers and the z axis to the adhesion force. The color Z scale in parts (b) and (c) is in nN .