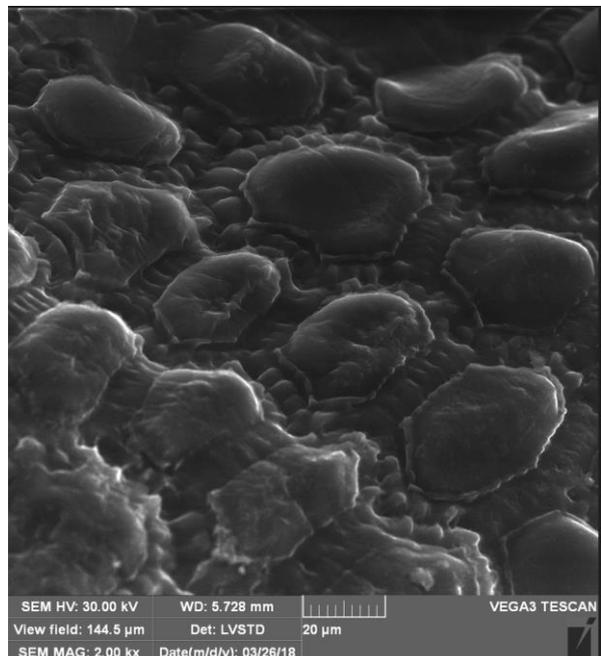
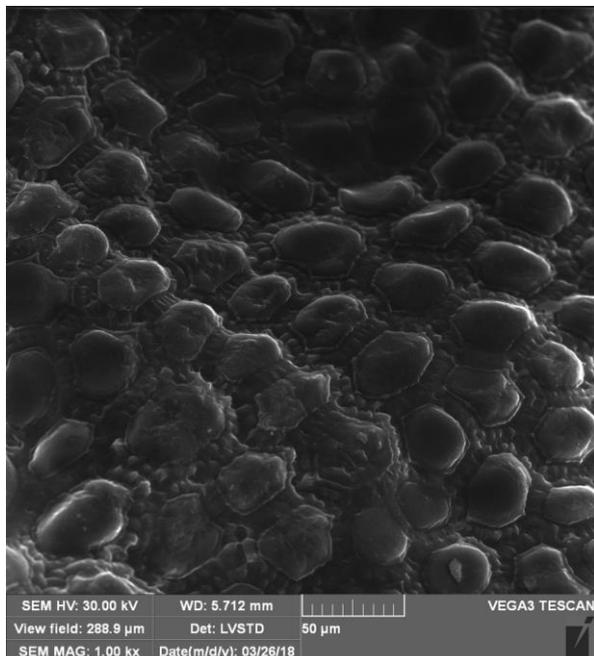
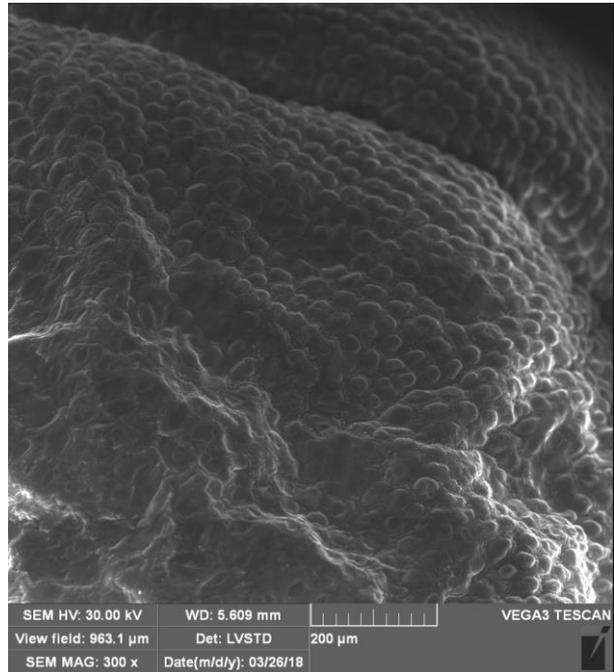


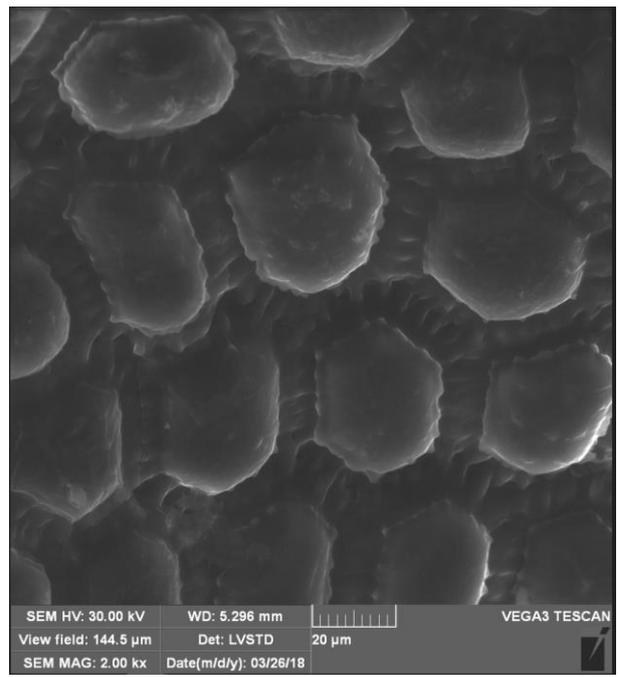
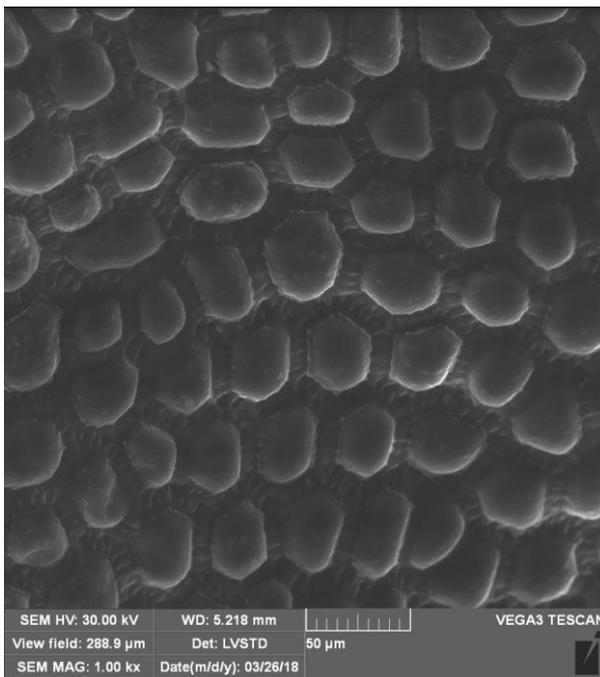
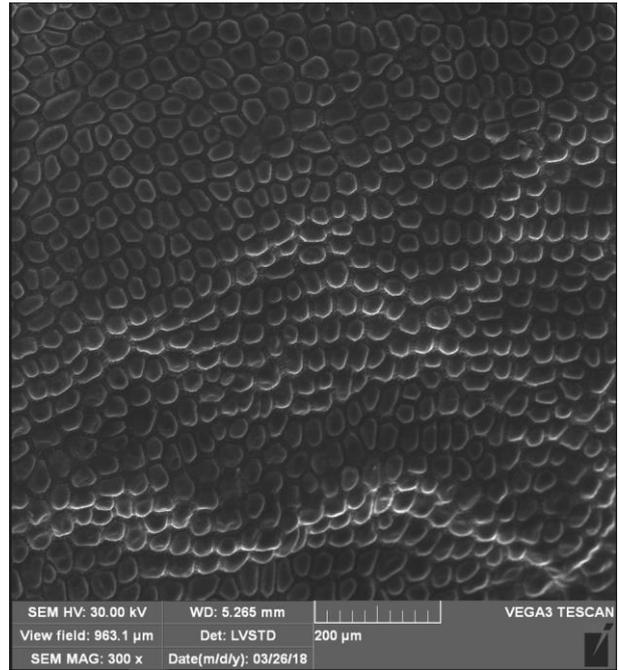
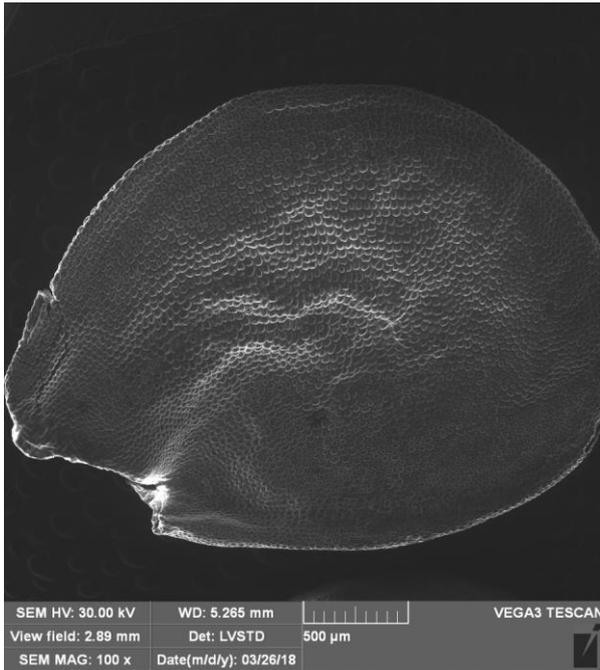
Supplementary file

SEM images of plasma-treated onion seeds. Non treated seeds taken as control. Measurement parameters as indicated.

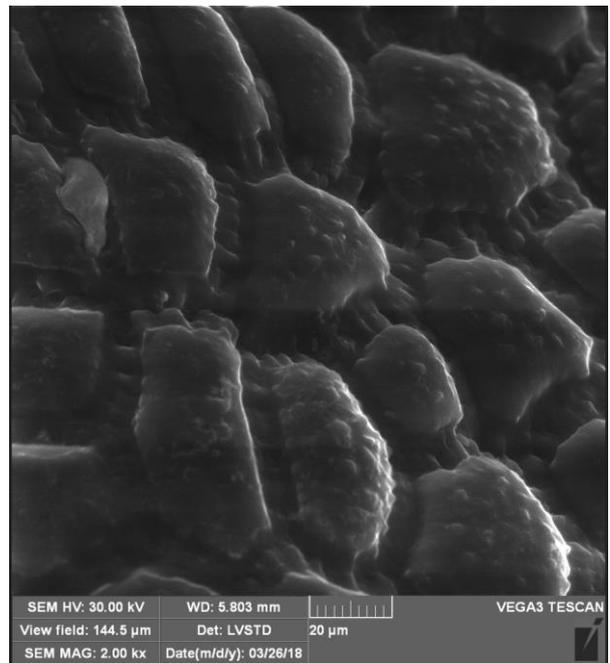
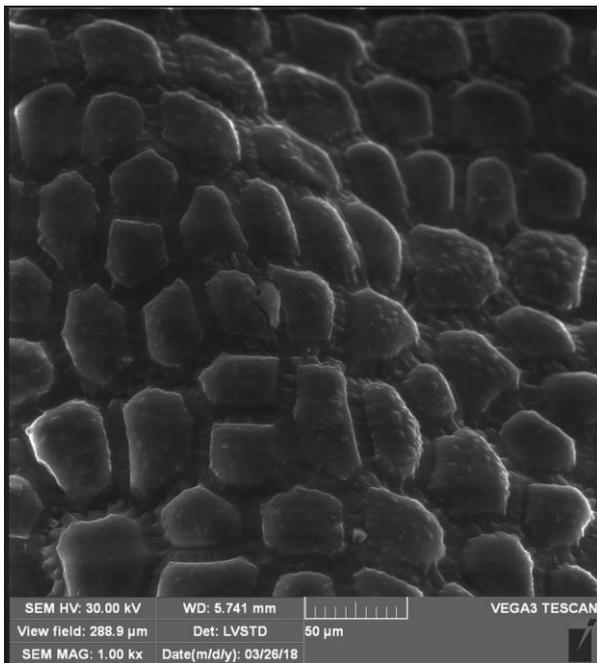
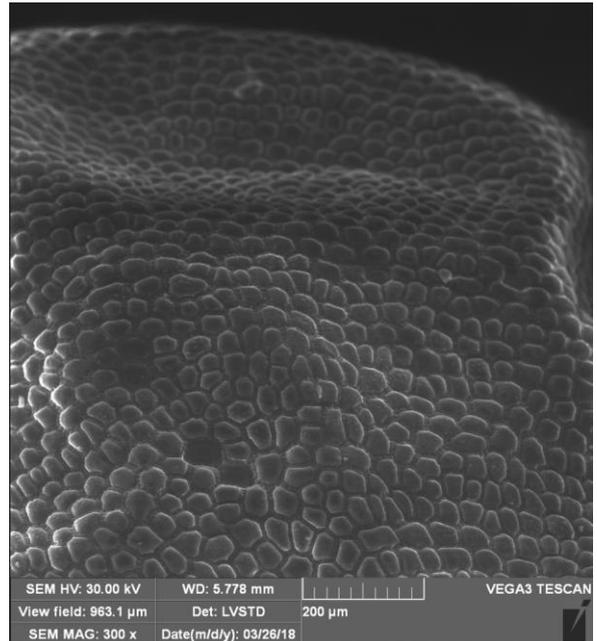
20 mm, 15s, He + O₂ – top view



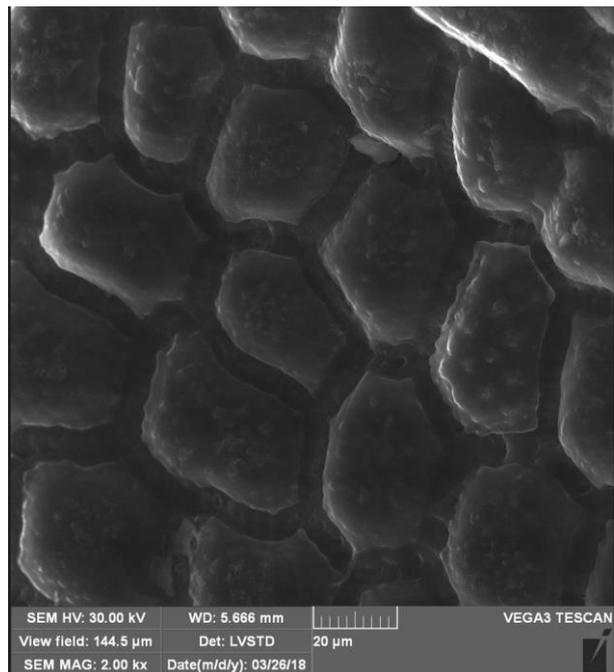
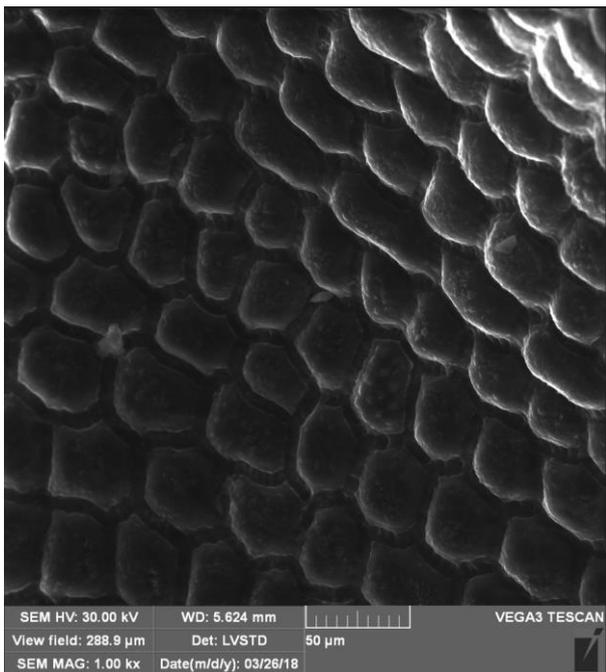
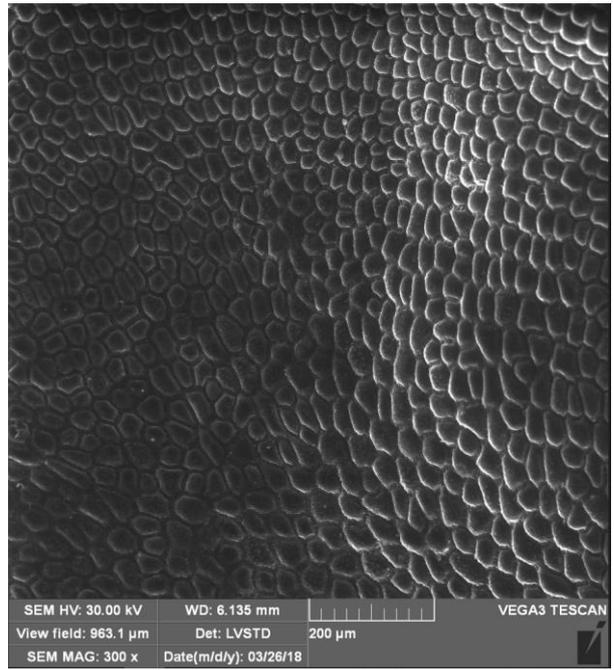
20 mm, 15s, He + O₂ - bottom view



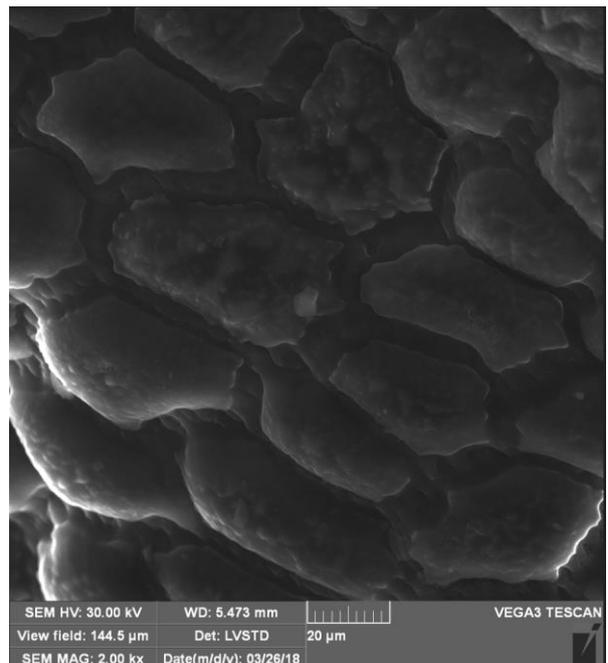
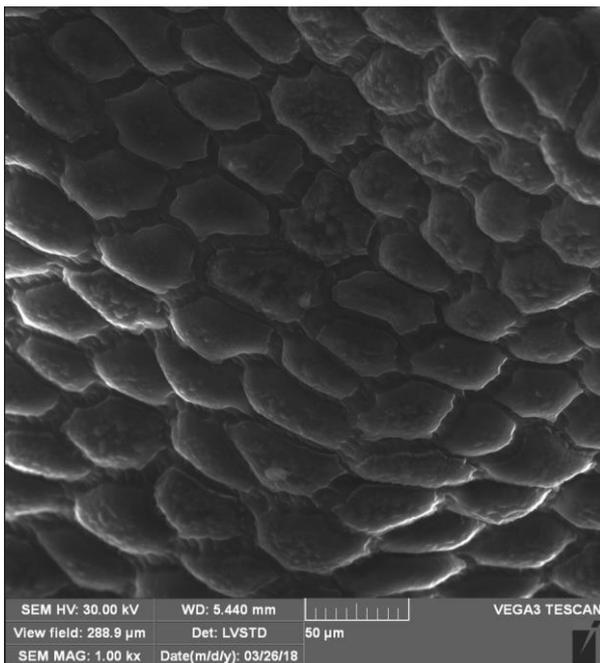
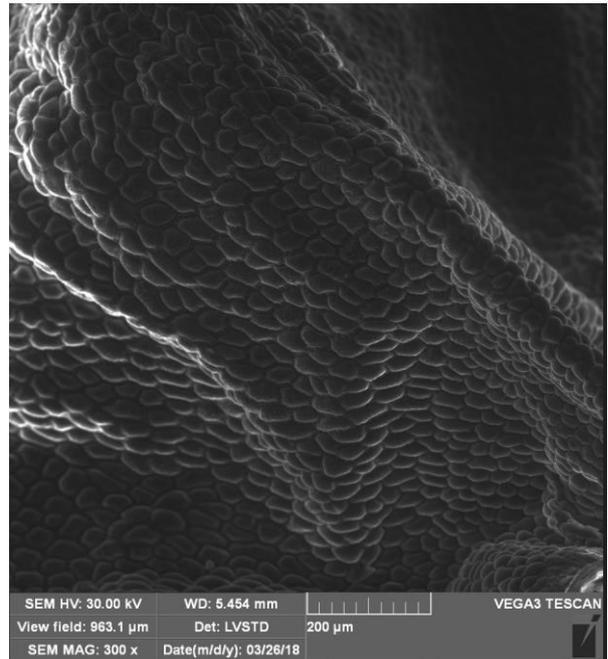
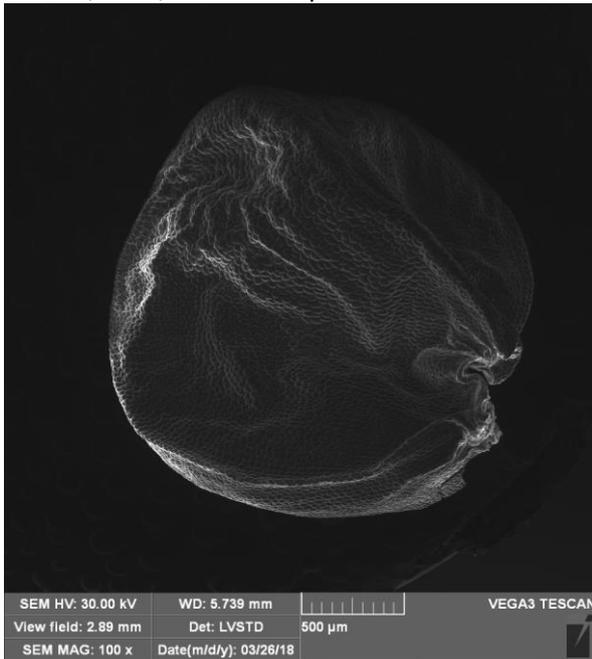
20 mm, 15s, He + N₂ - top view



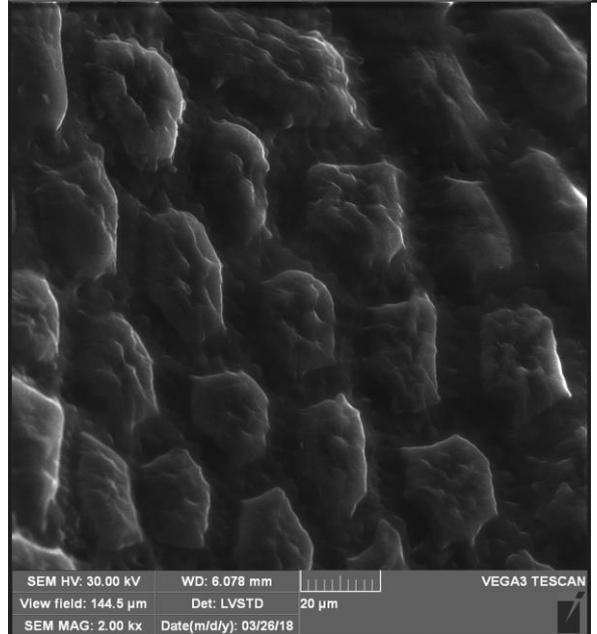
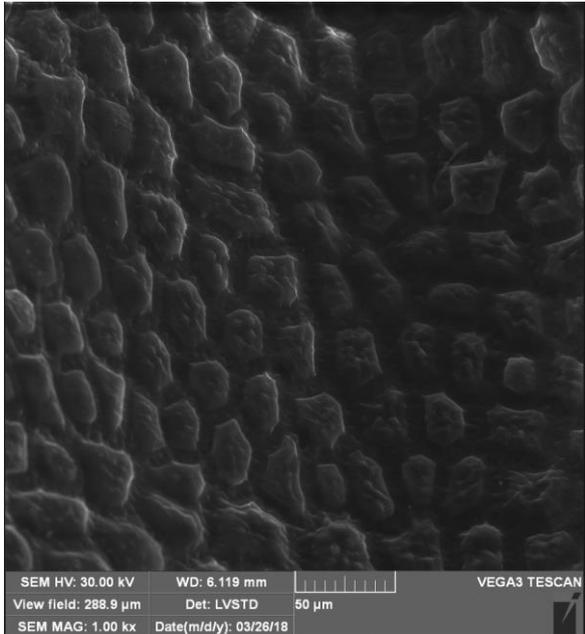
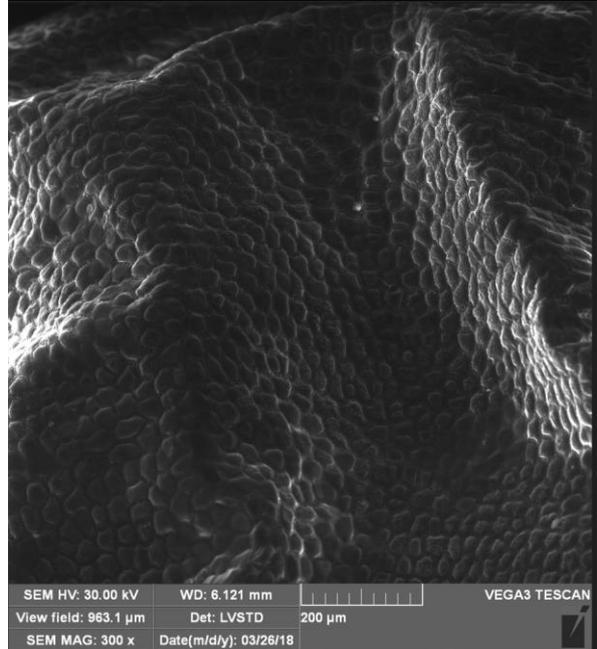
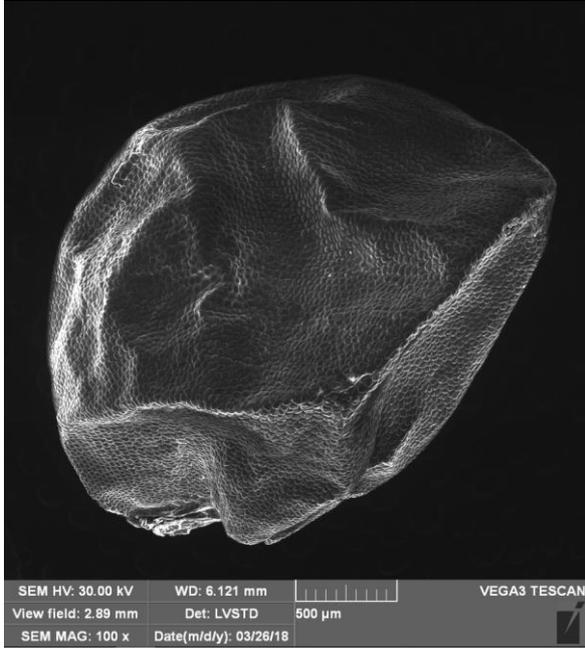
20 mm, 15s, He + N₂ - bottom view



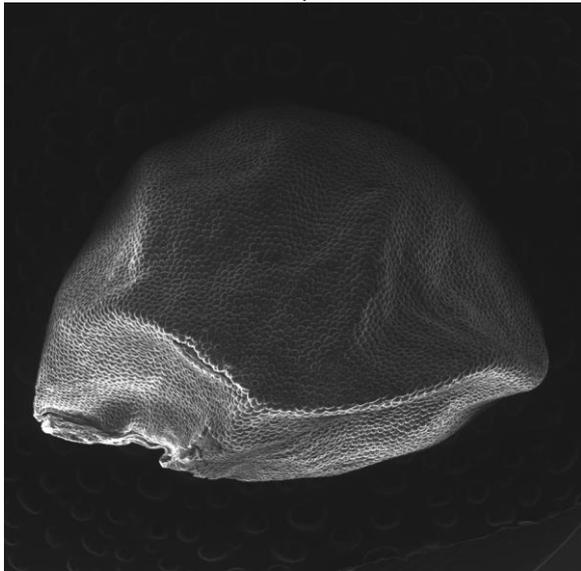
50 mm, 120s, He+Air – top view



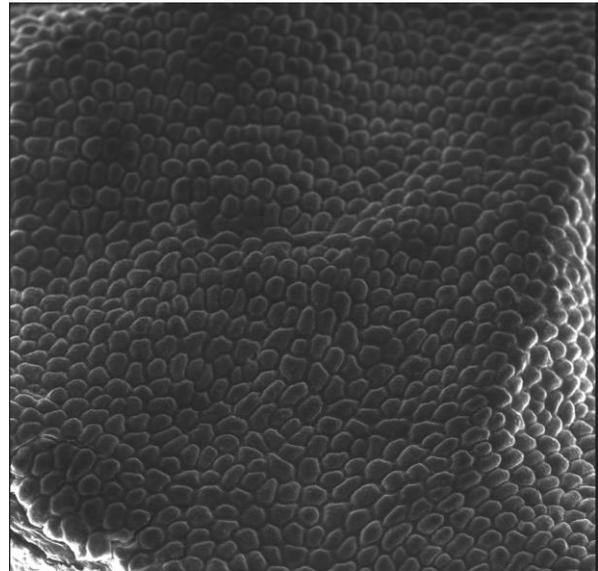
50 mm, 120s, He+Air - bottom view



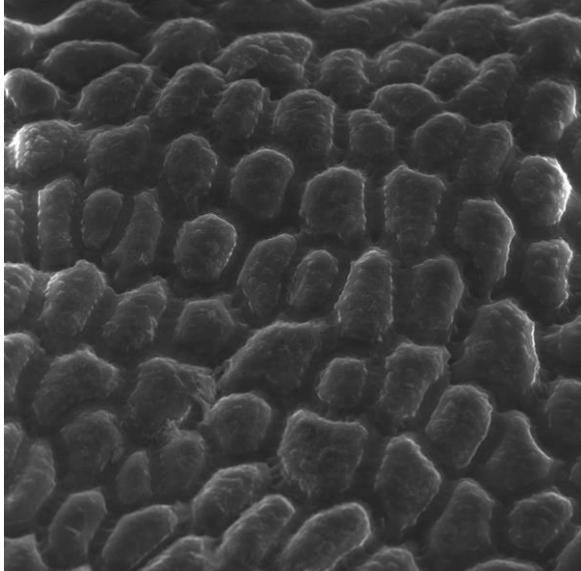
50 mm, 120s, He+O₂ – top view



SEM HV: 30.00 kV WD: 5.585 mm VEGA3 TESCAN
View field: 2.89 mm Det: LVSTD 500 μm
SEM MAG: 100 x Date(m/d/y): 03/26/18

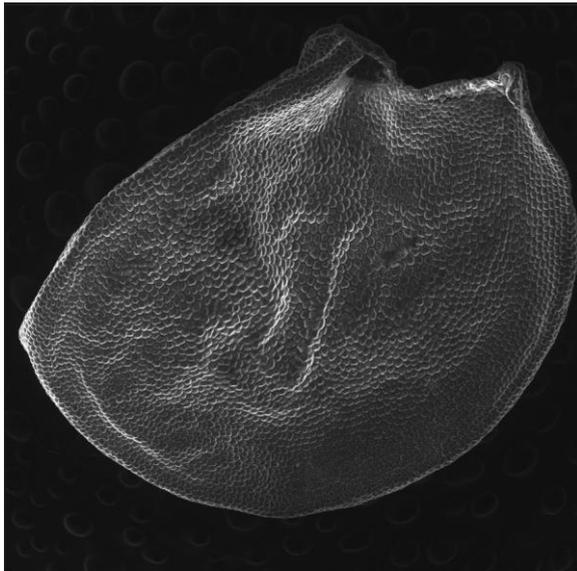


SEM HV: 30.00 kV WD: 5.585 mm VEGA3 TESCAN
View field: 963.1 μm Det: LVSTD 200 μm
SEM MAG: 300 x Date(m/d/y): 03/26/18

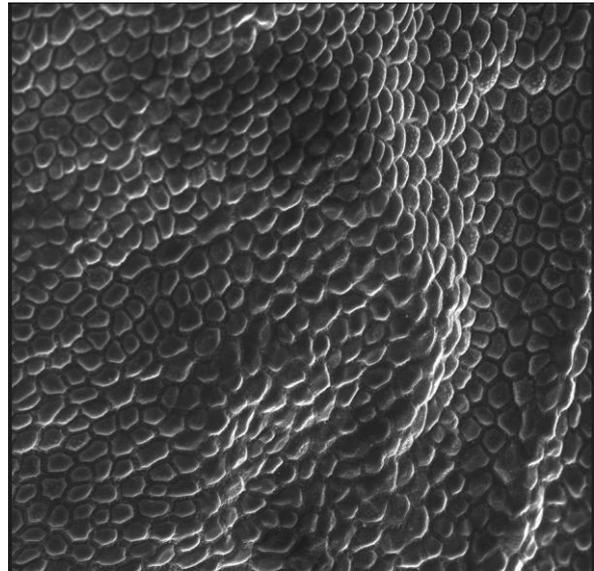


SEM HV: 30.00 kV WD: 5.726 mm VEGA3 TESCAN
View field: 288.9 μm Det: LVSTD 50 μm
SEM MAG: 1.00 kx Date(m/d/y): 03/26/18

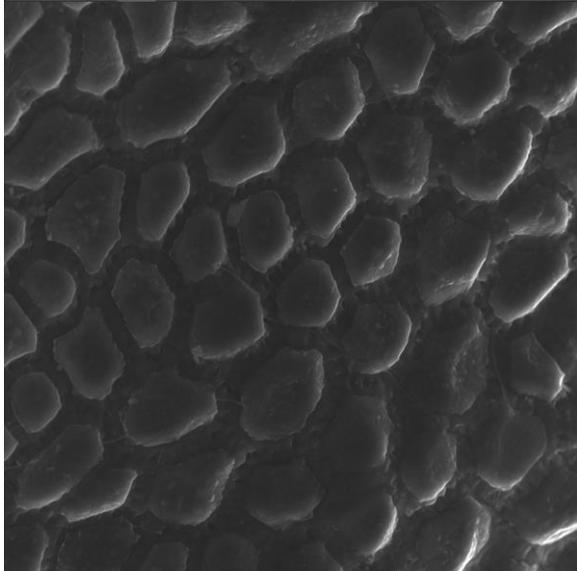
50 mm, 120s, He+O₂ – bottom view



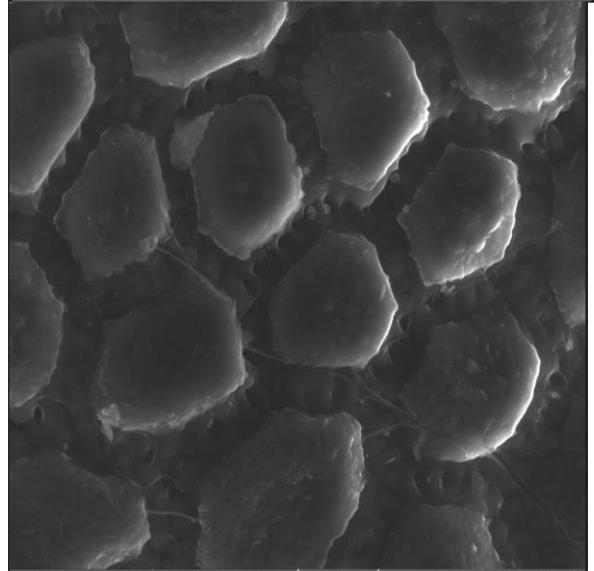
SEM HV: 30.00 kV WD: 5.763 mm VEGA3 TESCAN
View field: 2.89 mm Det: LVSTD 500 μ m
SEM MAG: 100 x Date(m/d/y): 03/26/18



SEM HV: 30.00 kV WD: 5.763 mm VEGA3 TESCAN
View field: 963.1 μ m Det: LVSTD 200 μ m
SEM MAG: 300 x Date(m/d/y): 03/26/18

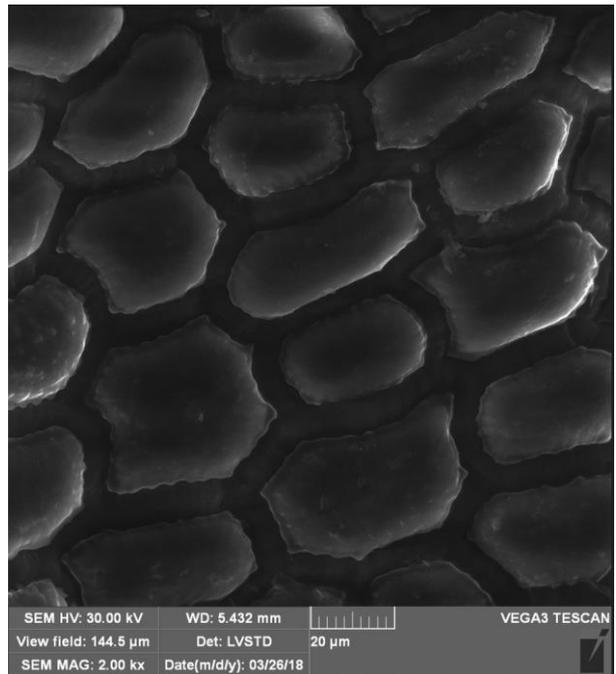
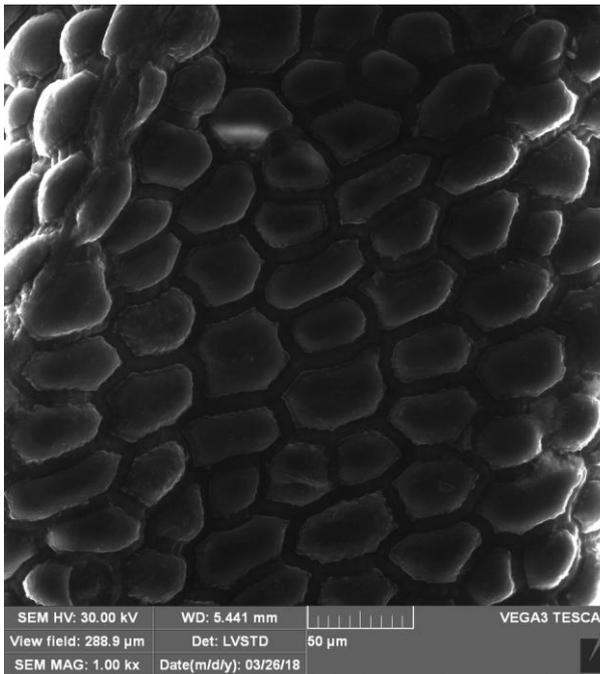
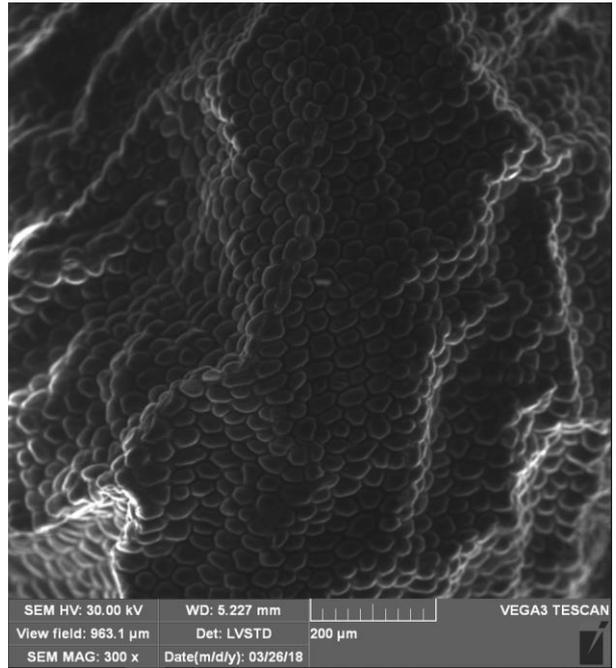
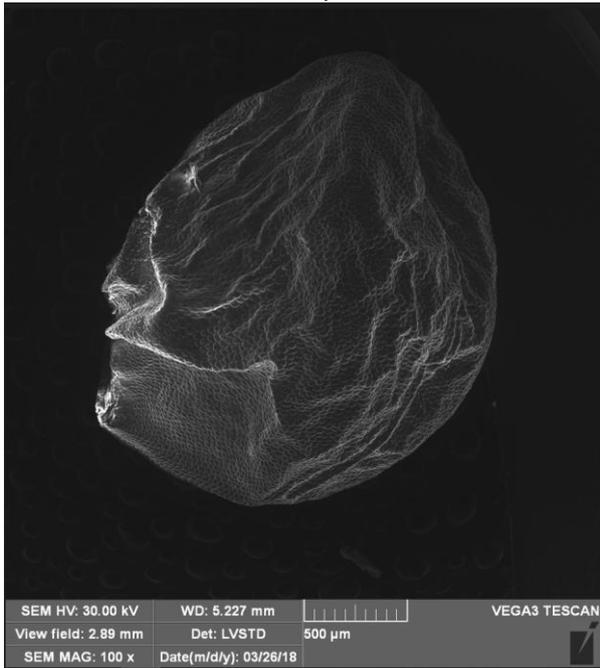


SEM HV: 30.00 kV WD: 5.524 mm VEGA3 TESCAN
View field: 288.9 μ m Det: LVSTD 50 μ m
SEM MAG: 1.00 kx Date(m/d/y): 03/26/18

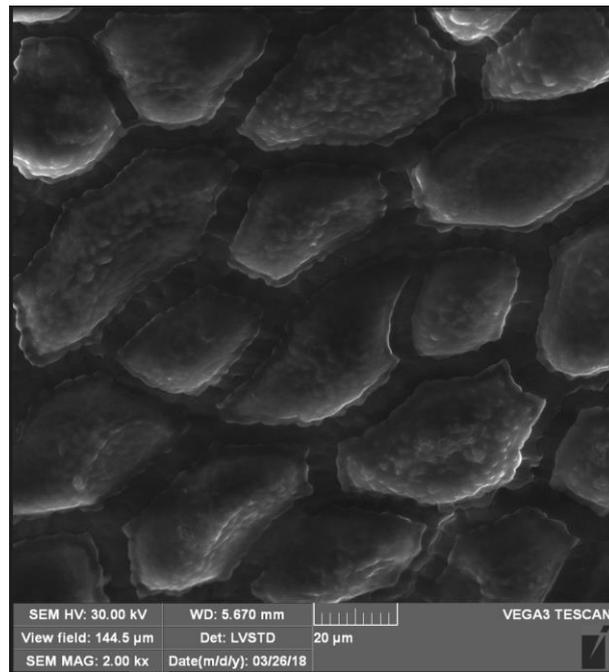
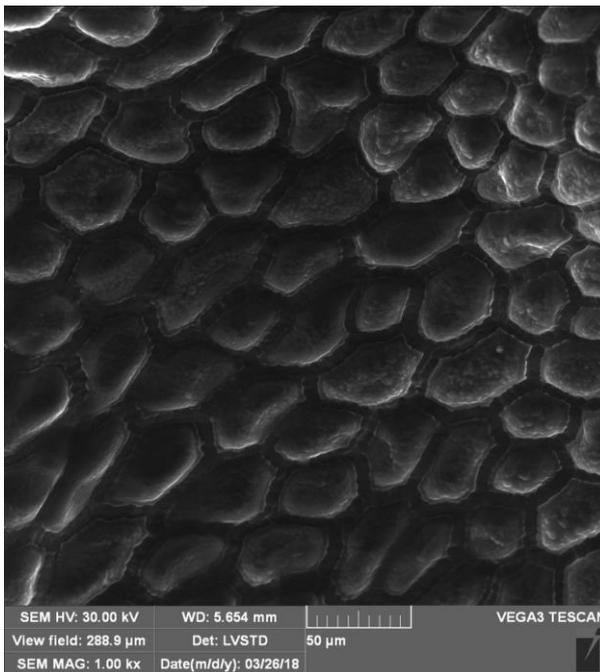
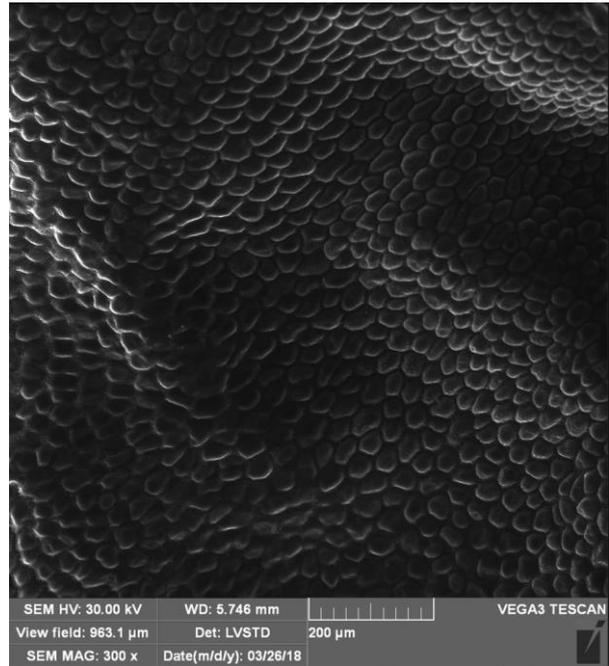
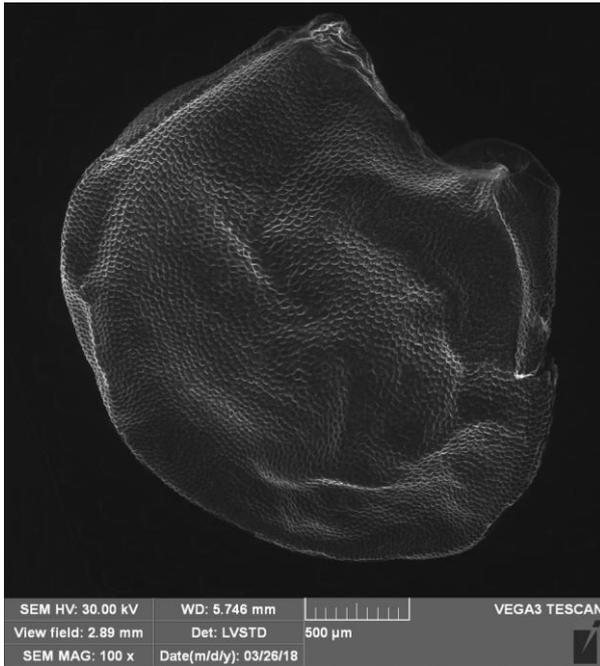


SEM HV: 30.00 kV WD: 5.566 mm VEGA3 TESCAN
View field: 144.5 μ m Det: LVSTD 20 μ m
SEM MAG: 2.00 kx Date(m/d/y): 03/26/18

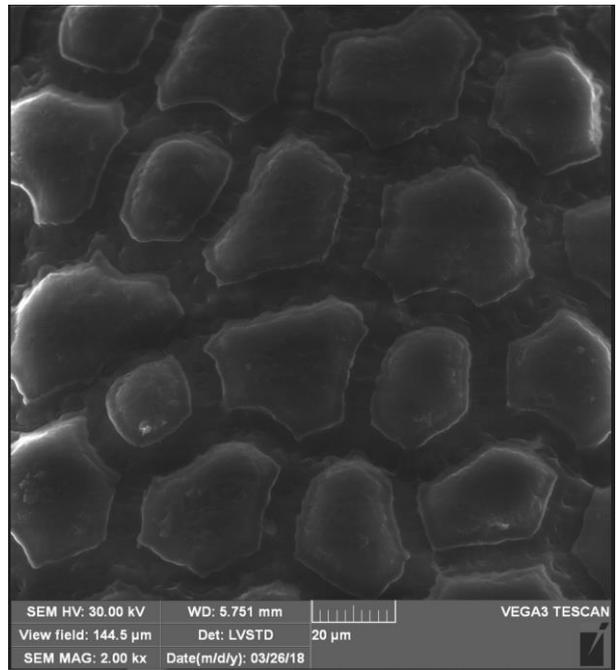
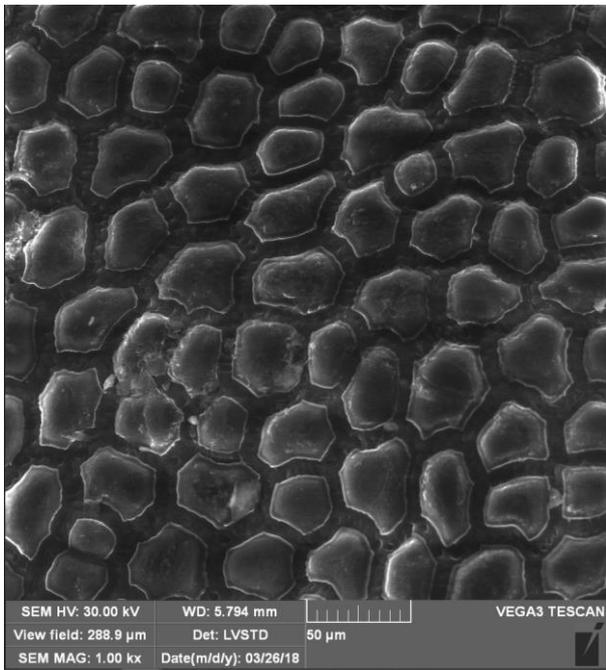
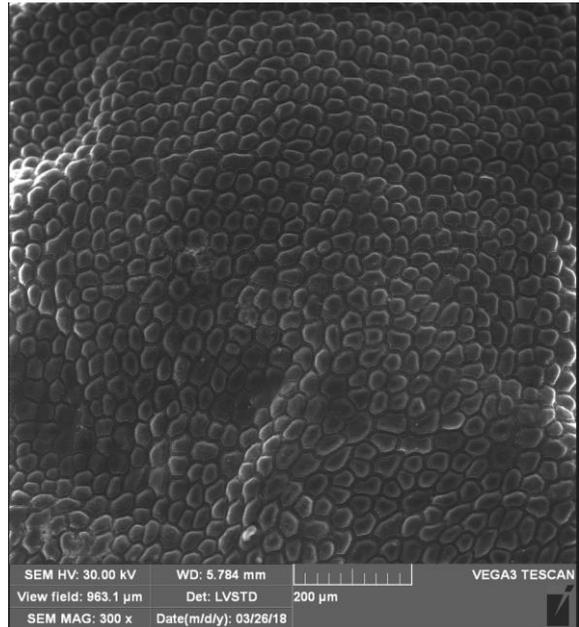
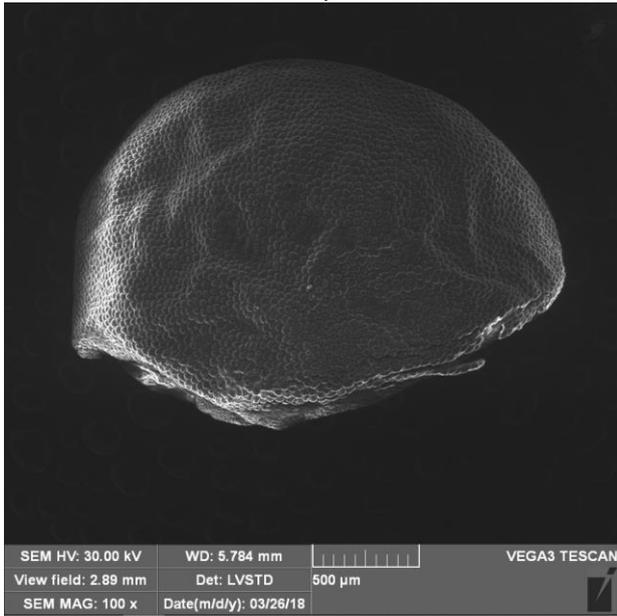
50 mm, 480s, He + Air - top view



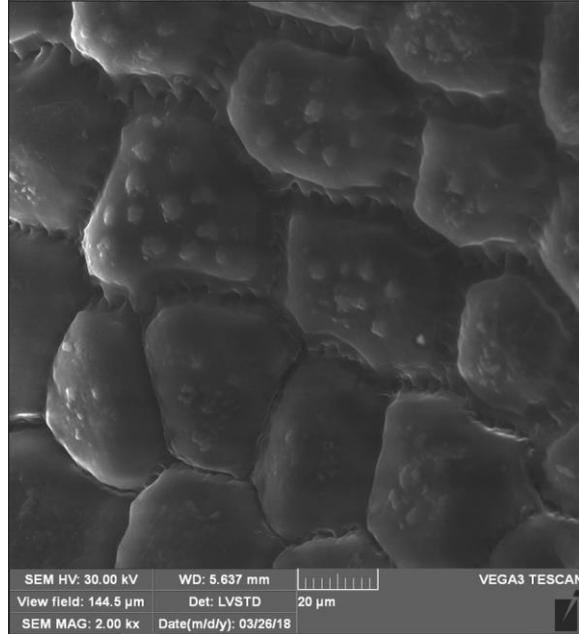
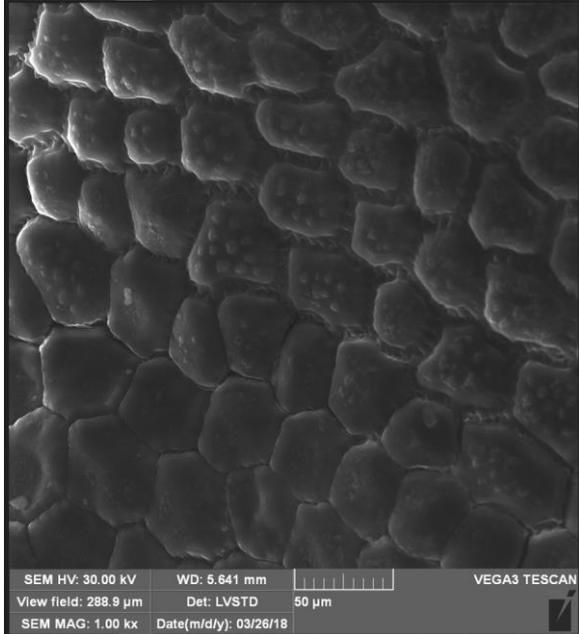
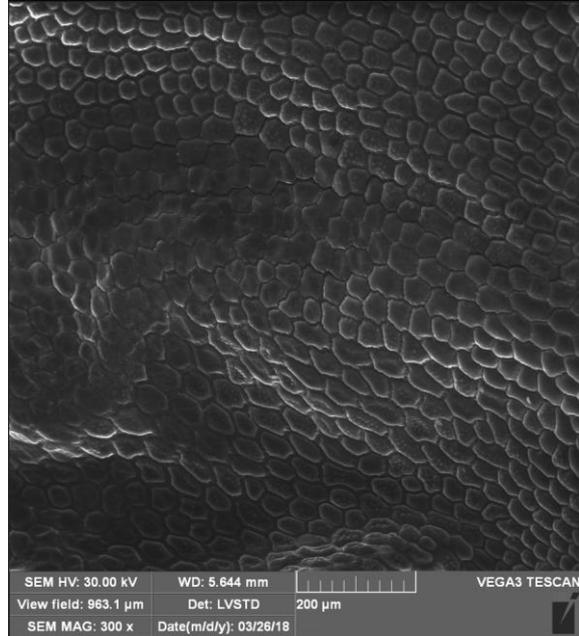
50 mm, 480s, He + Air - bottom view



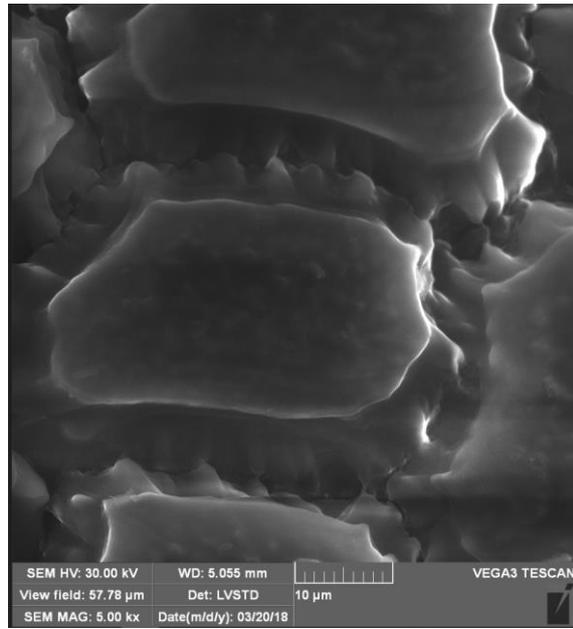
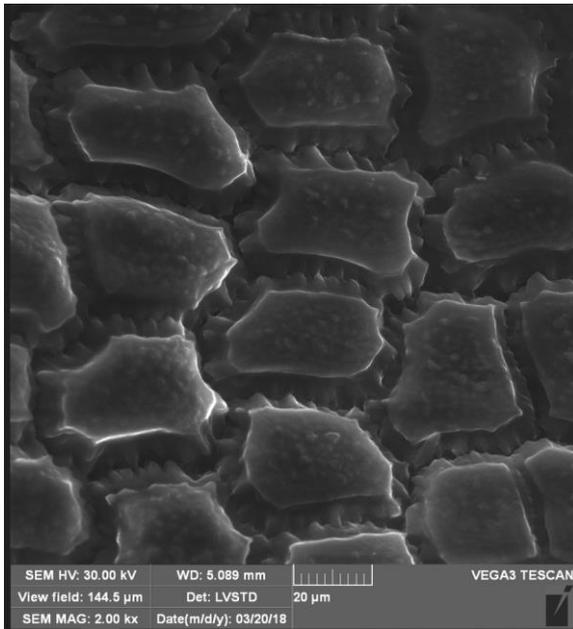
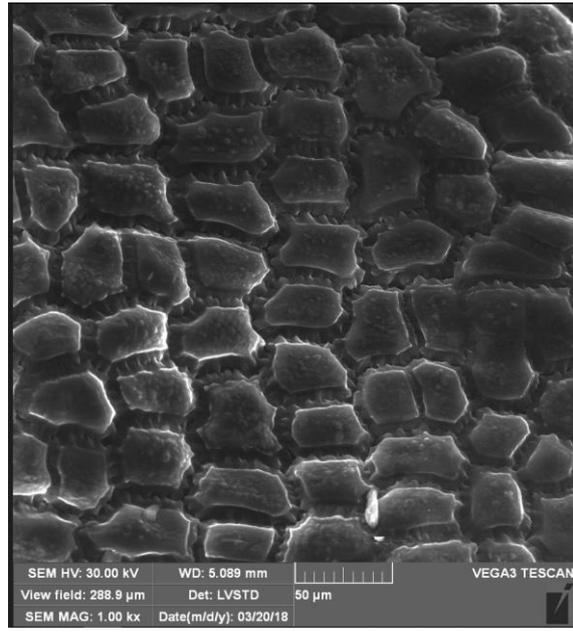
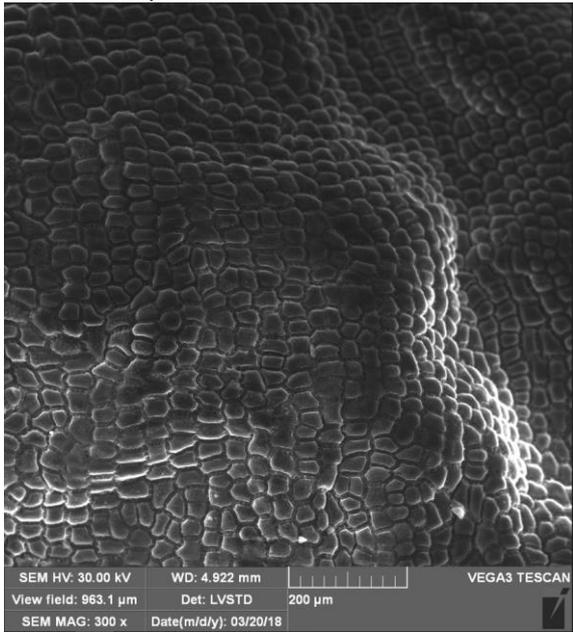
50 mm, 240s , He + N₂ – top view



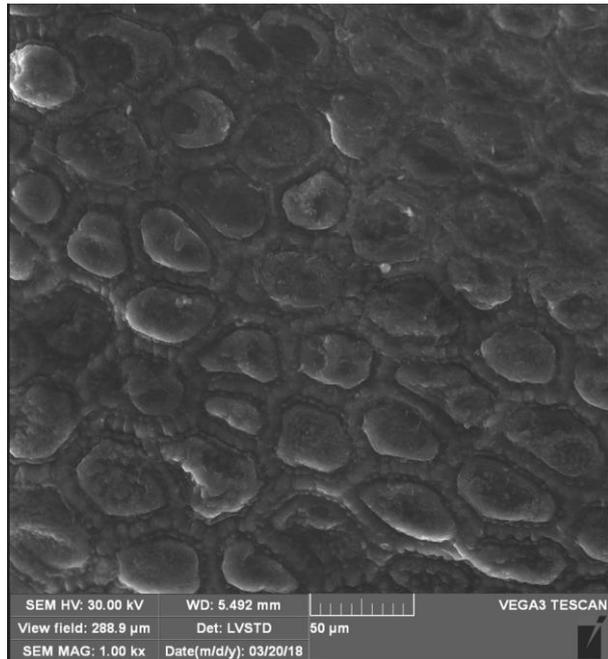
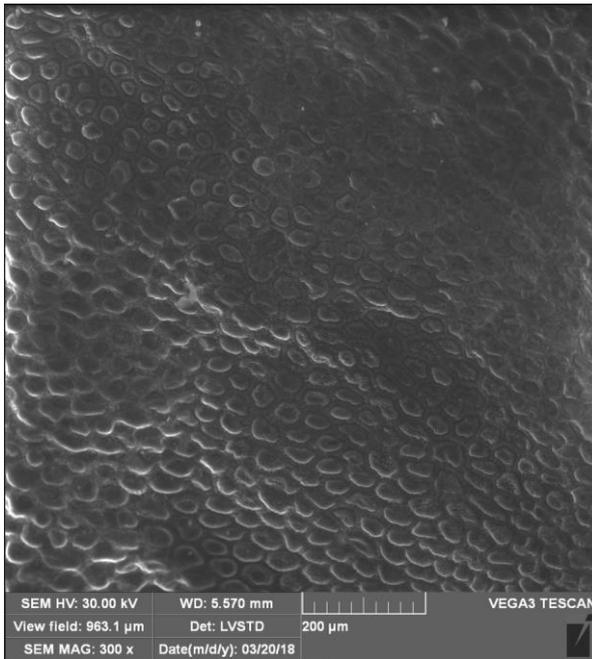
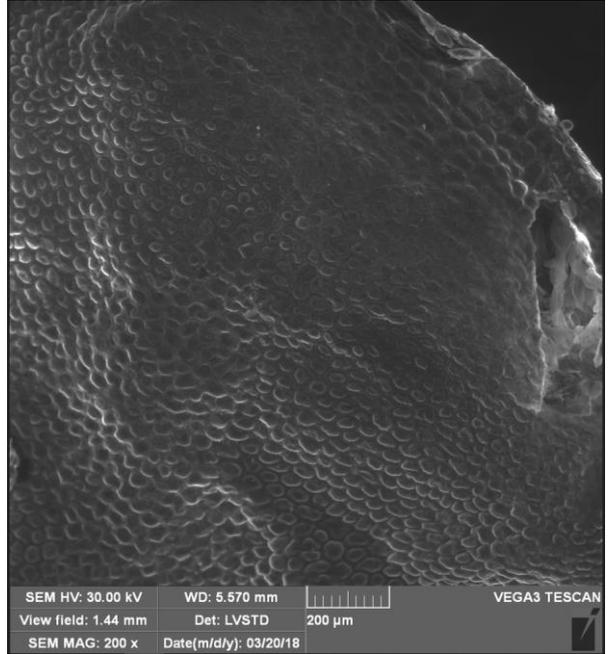
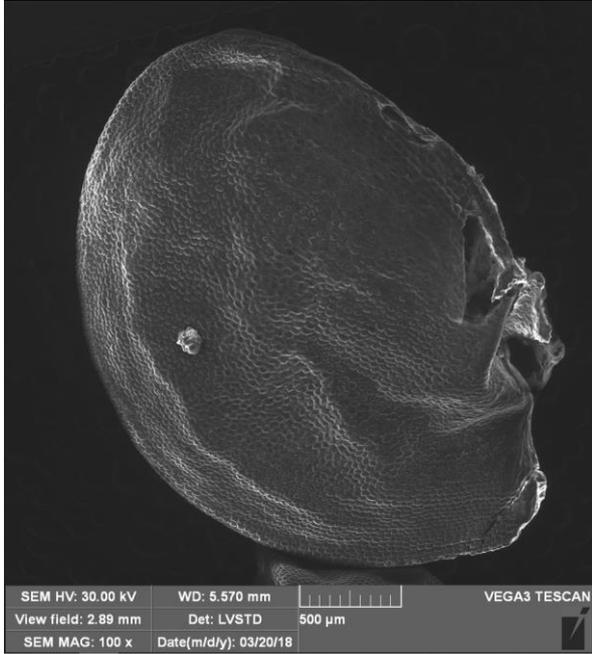
50 mm, 240s , He + N₂ – bottom view



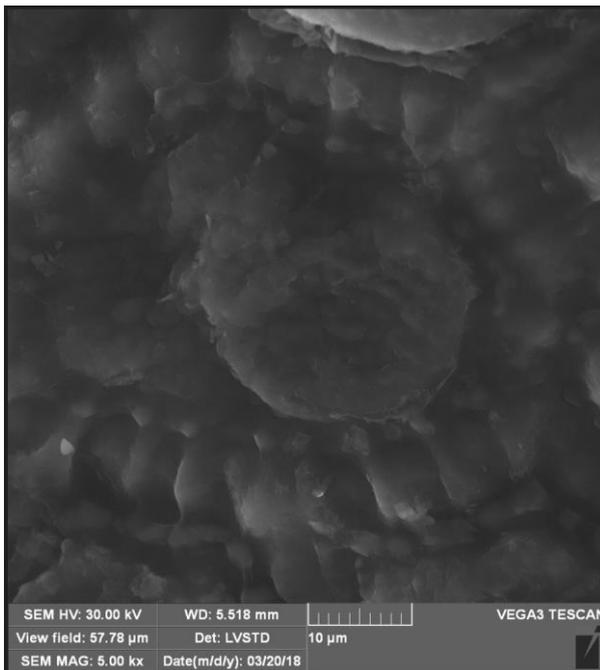
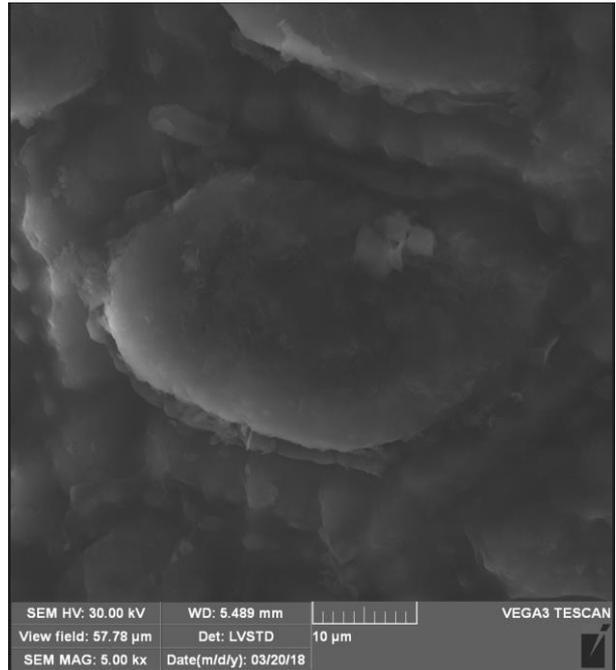
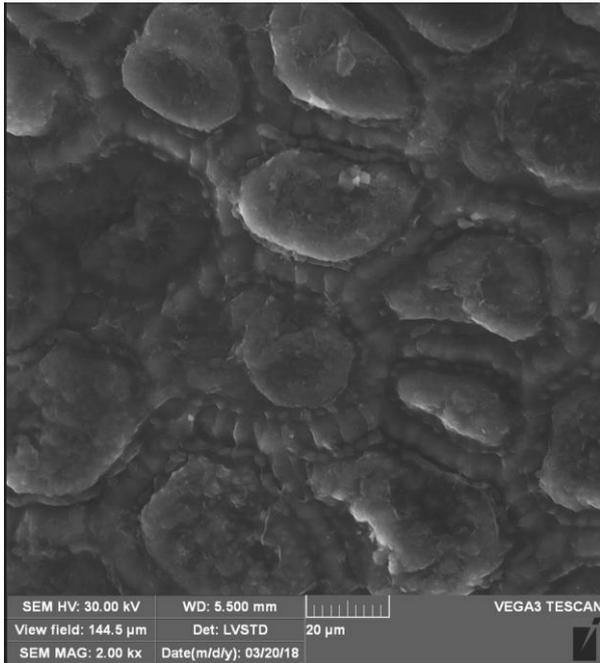
Control – top view



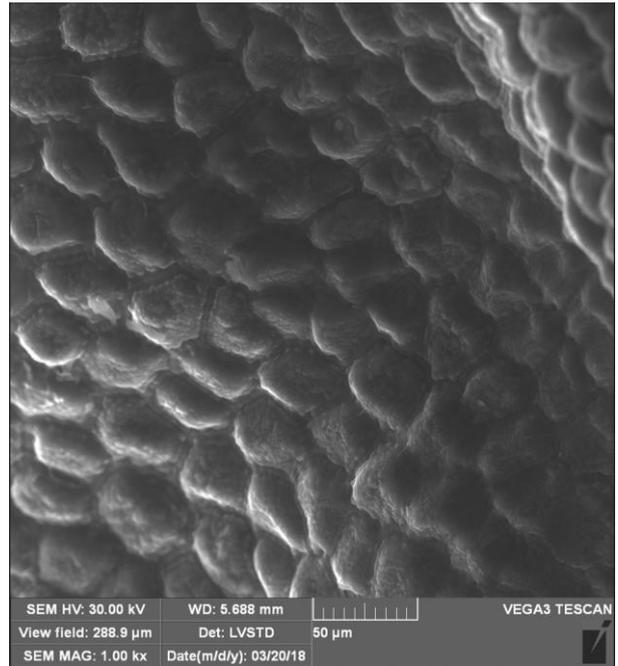
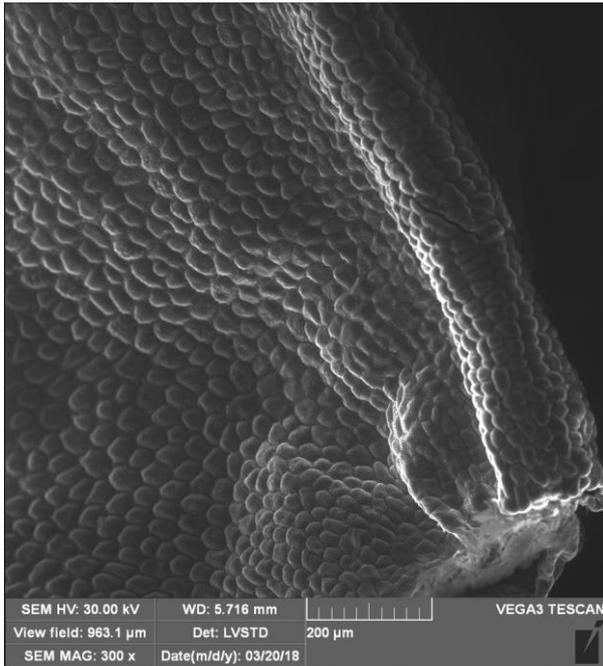
Control – bottom view



Control – bottom view, continuation



Control – bottom view continuation



Control – top view, continuation

