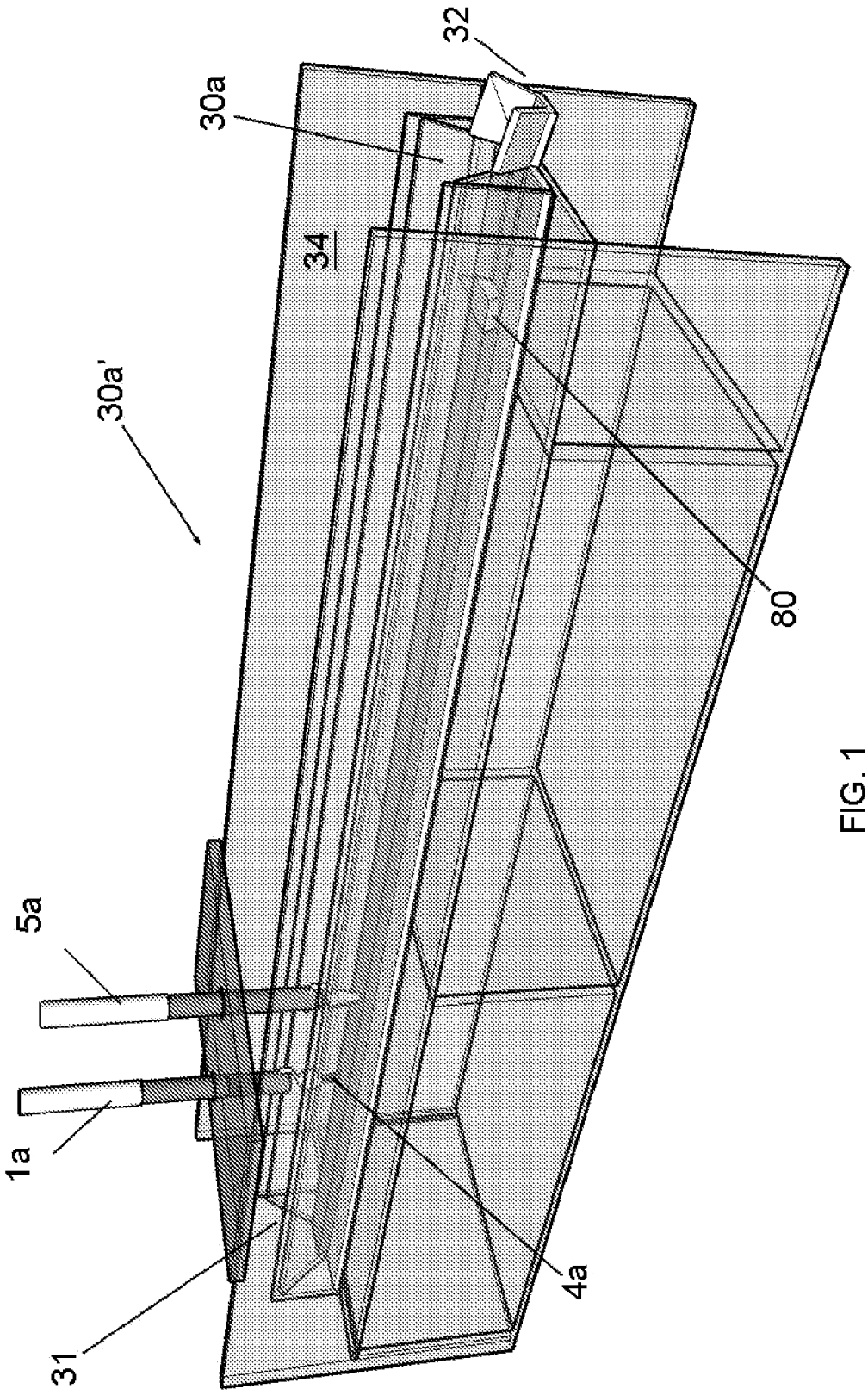


FIG. 1

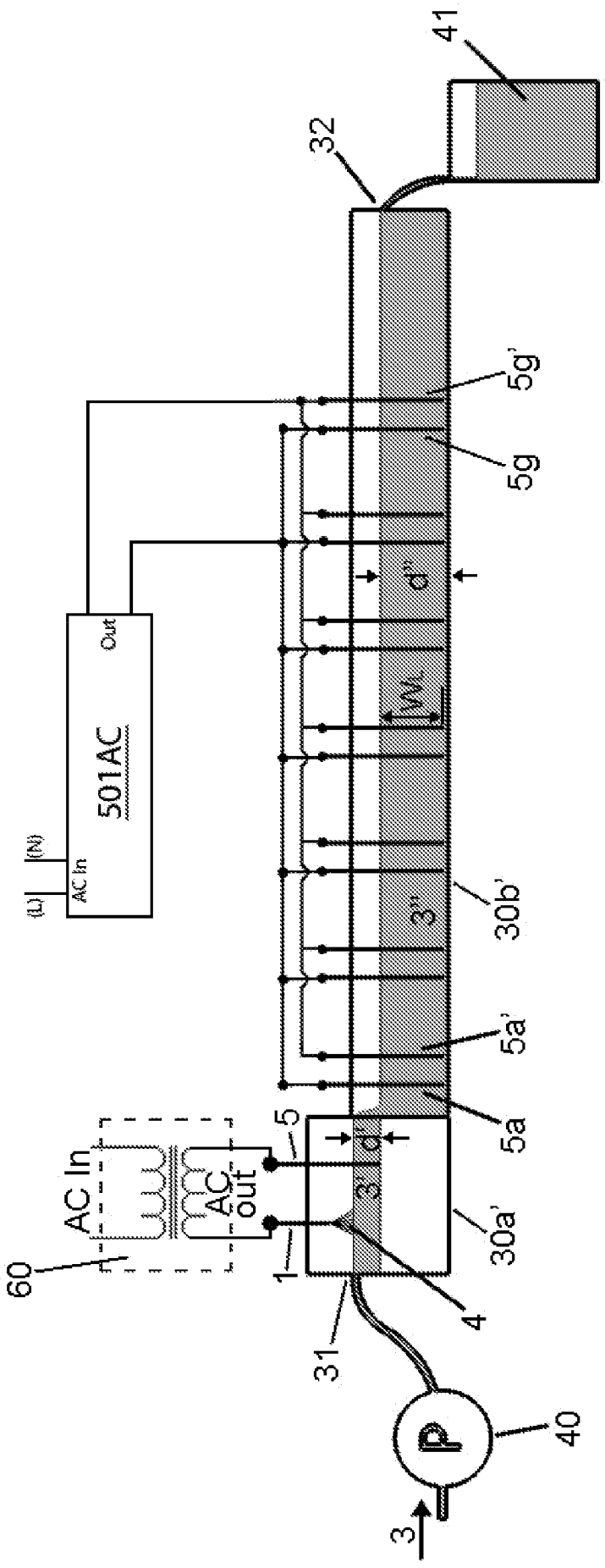

41
32
5g'
5g
d''
W
3''
30b'
5a'
5a
5
3'
d'
30a'
4
31
P
40
3
60
AC In
AC out
1
(L)
(N)
AC In
501AC
Out

FIG. 2A

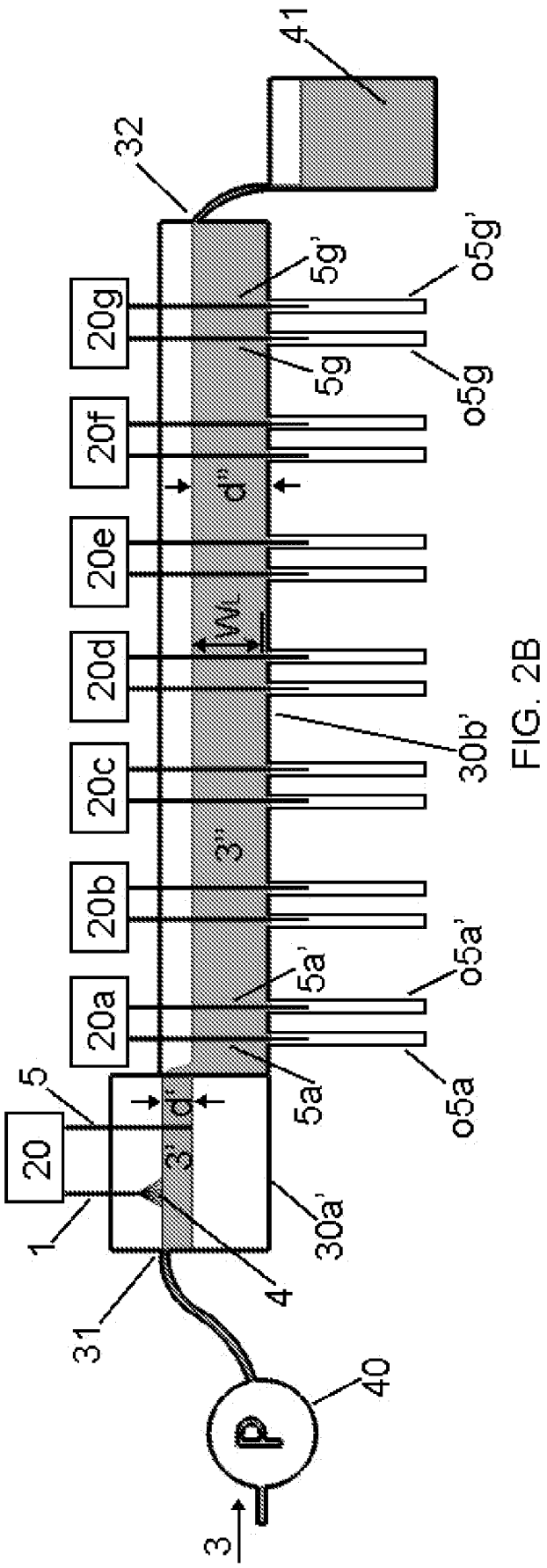

41
32
5g'
o5g'
20g
5g
o5g
20f
d''
20e
W
L
20d
30b'
20c
3''
20b
o5a'
5a'
20a
5
5a
o5a
20
3'
d'
1
30a'
4
31
40
P
3

FIG. 2B

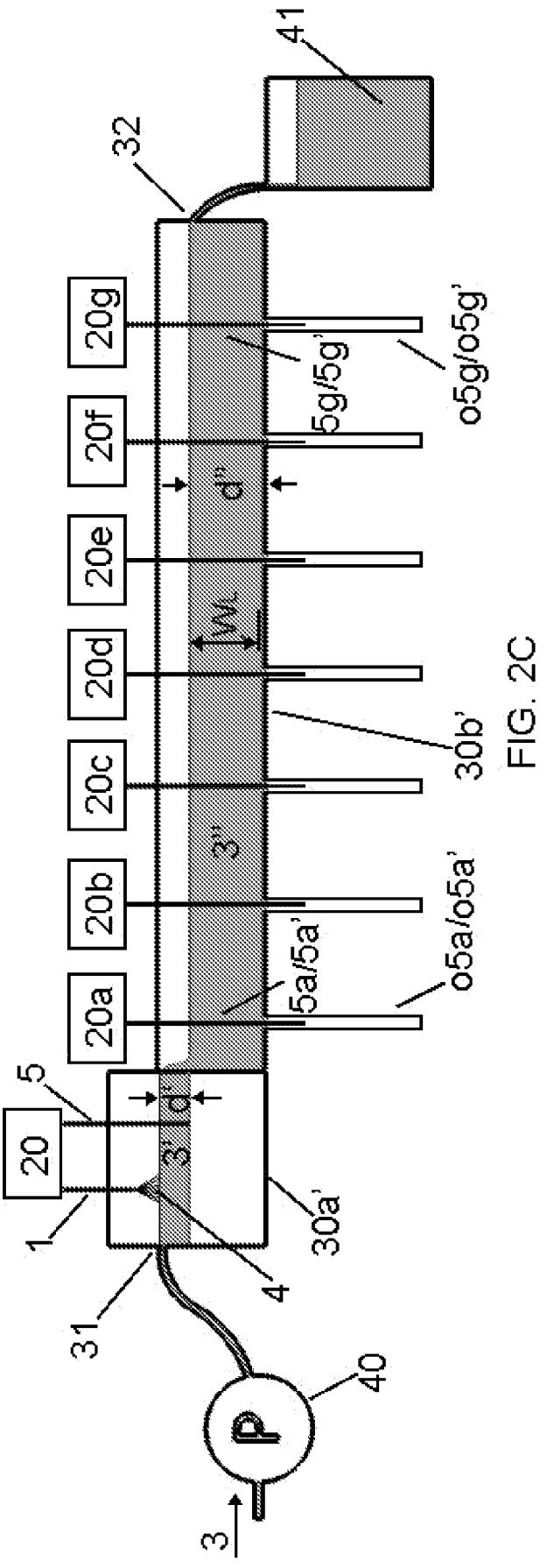

41
32
20g
20f
20e
20d
20c
20b
20a
20
5
1
3'
d'
3''
d''
WL
5g/5g'
o5g/o5g'
30b'
5a/5a'
o5a/o5a'
30a'
4
31
P
40
3

FIG. 2C

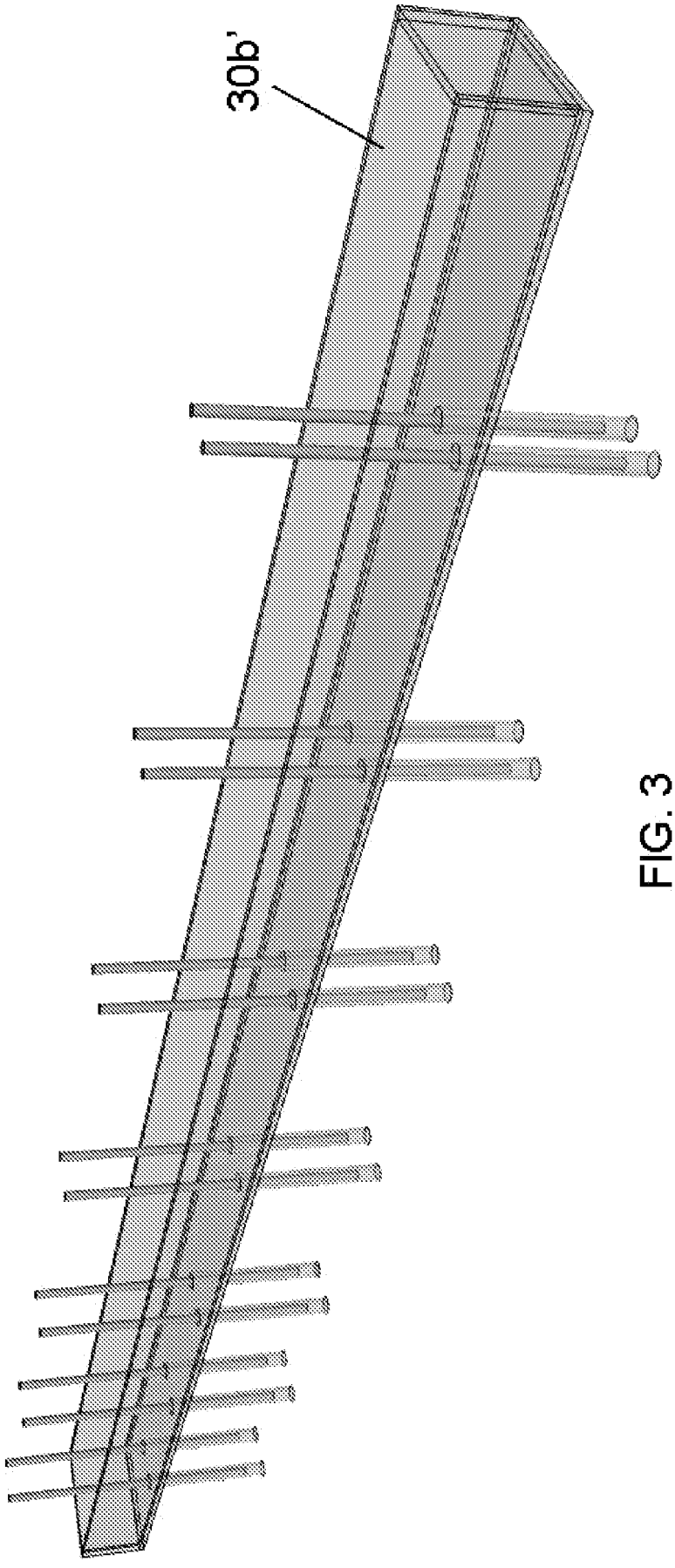


FIG. 3

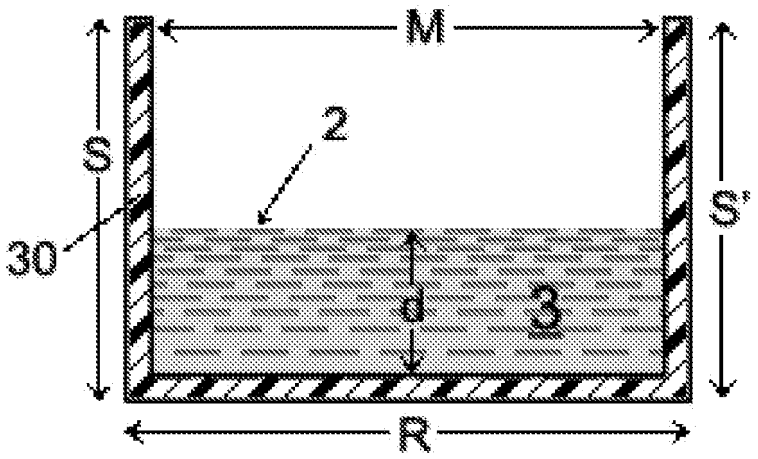


FIG. 4A

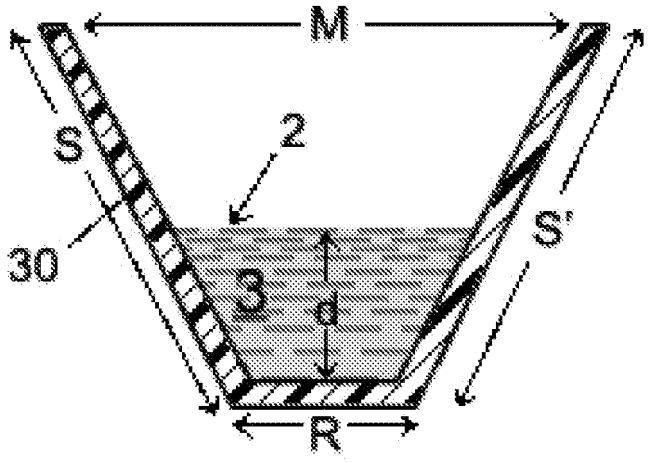


FIG. 4B

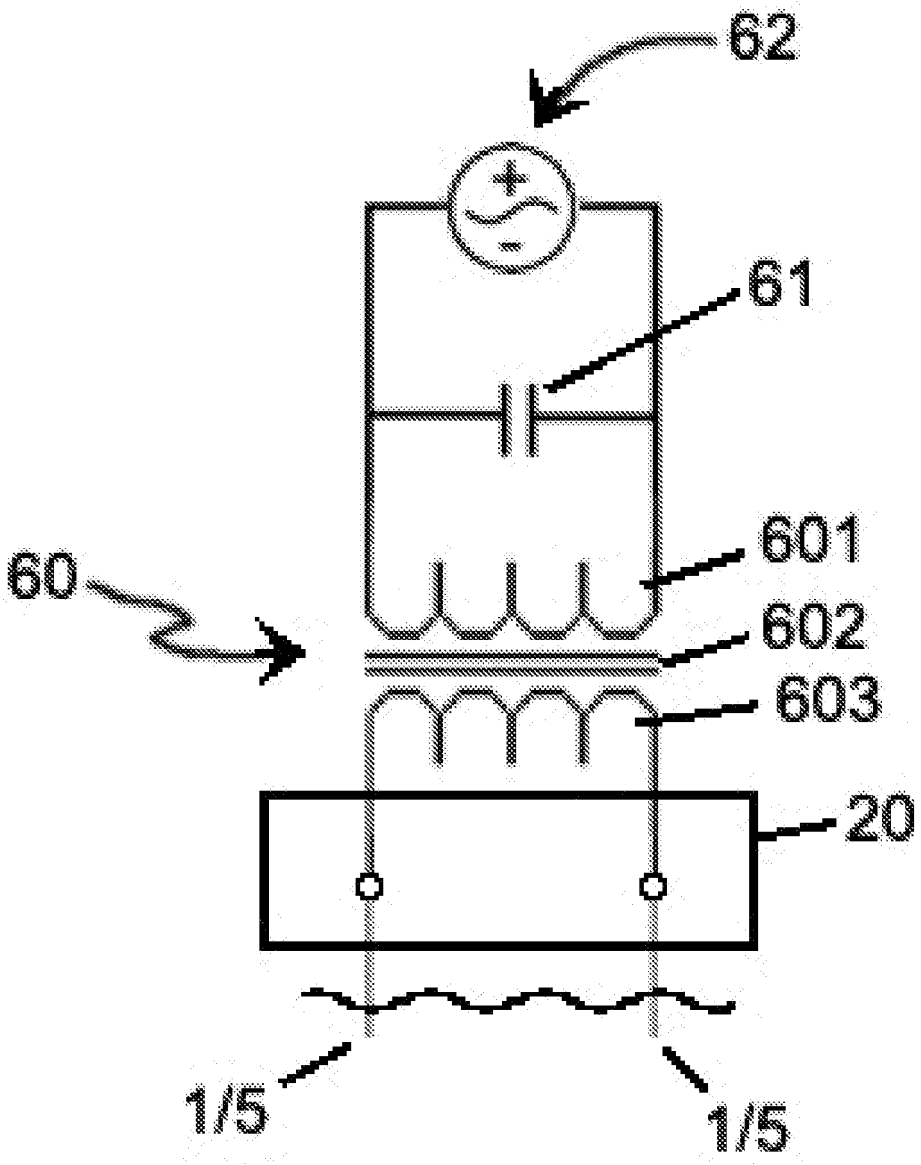


FIG. 5A

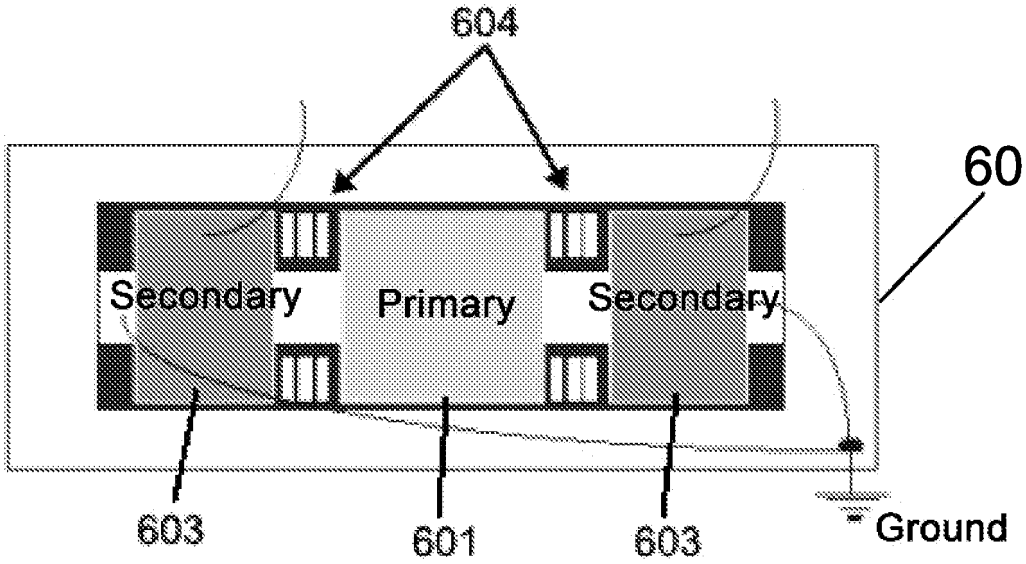


FIG. 5B

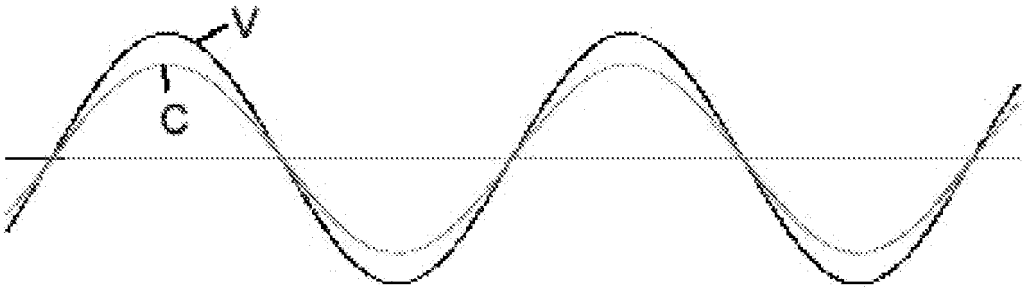


FIG. 5C

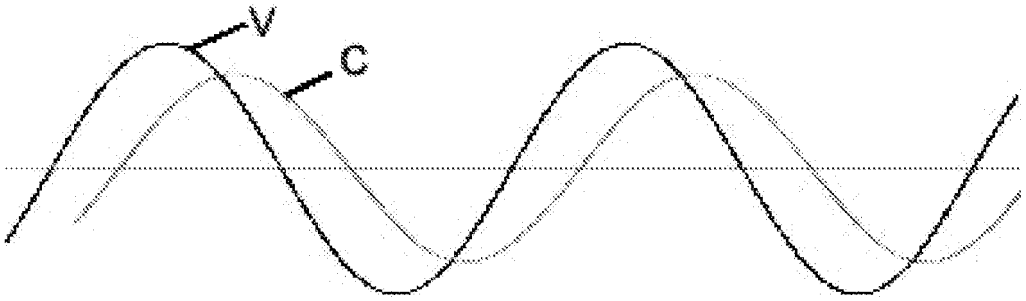


FIG. 5D

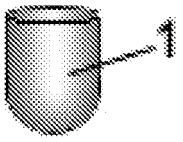


FIG. 6

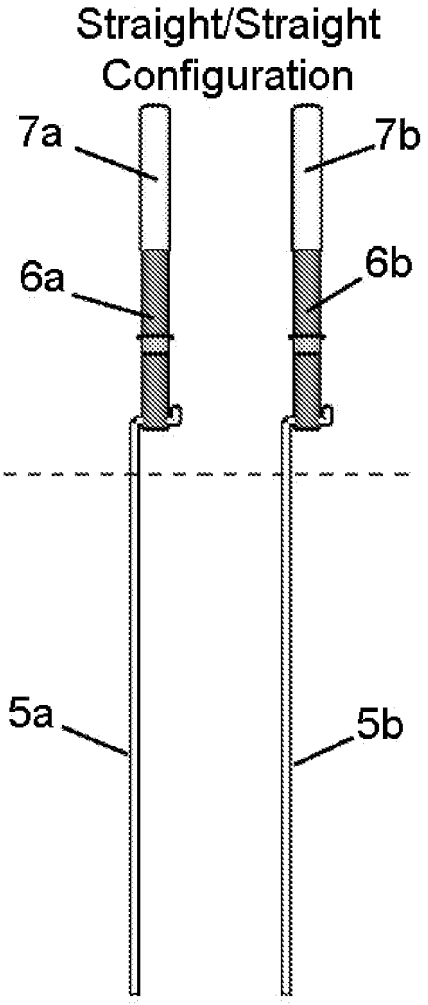


FIG. 7

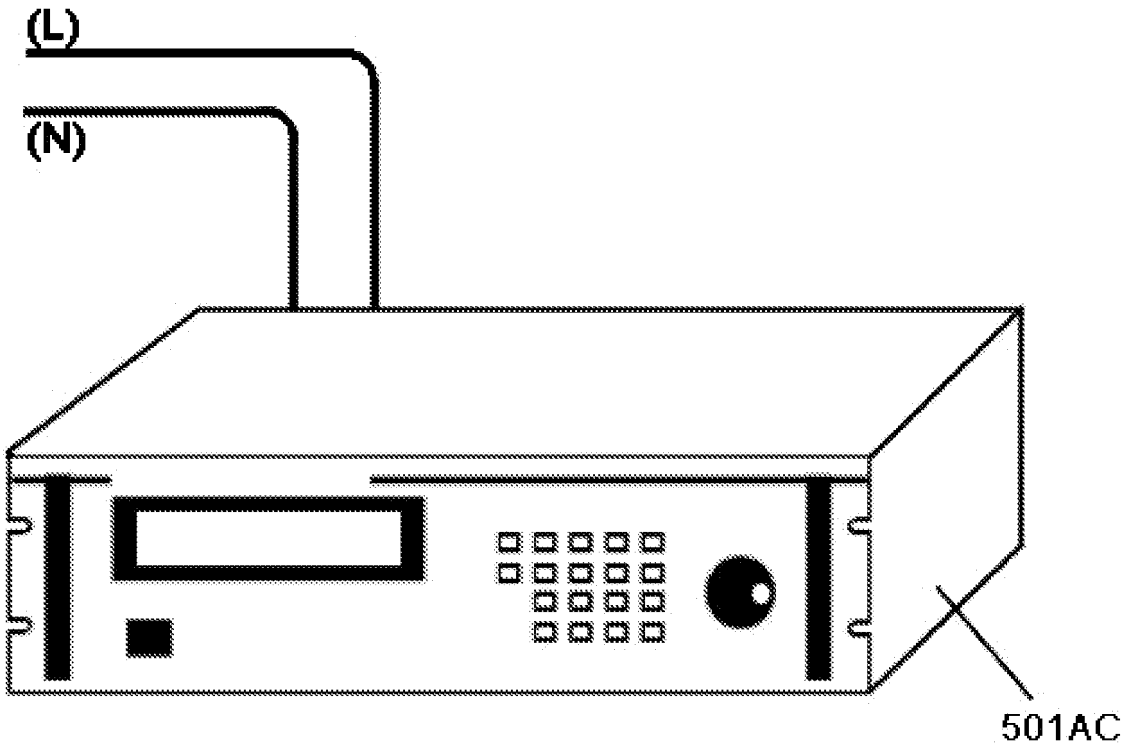


Fig. 8

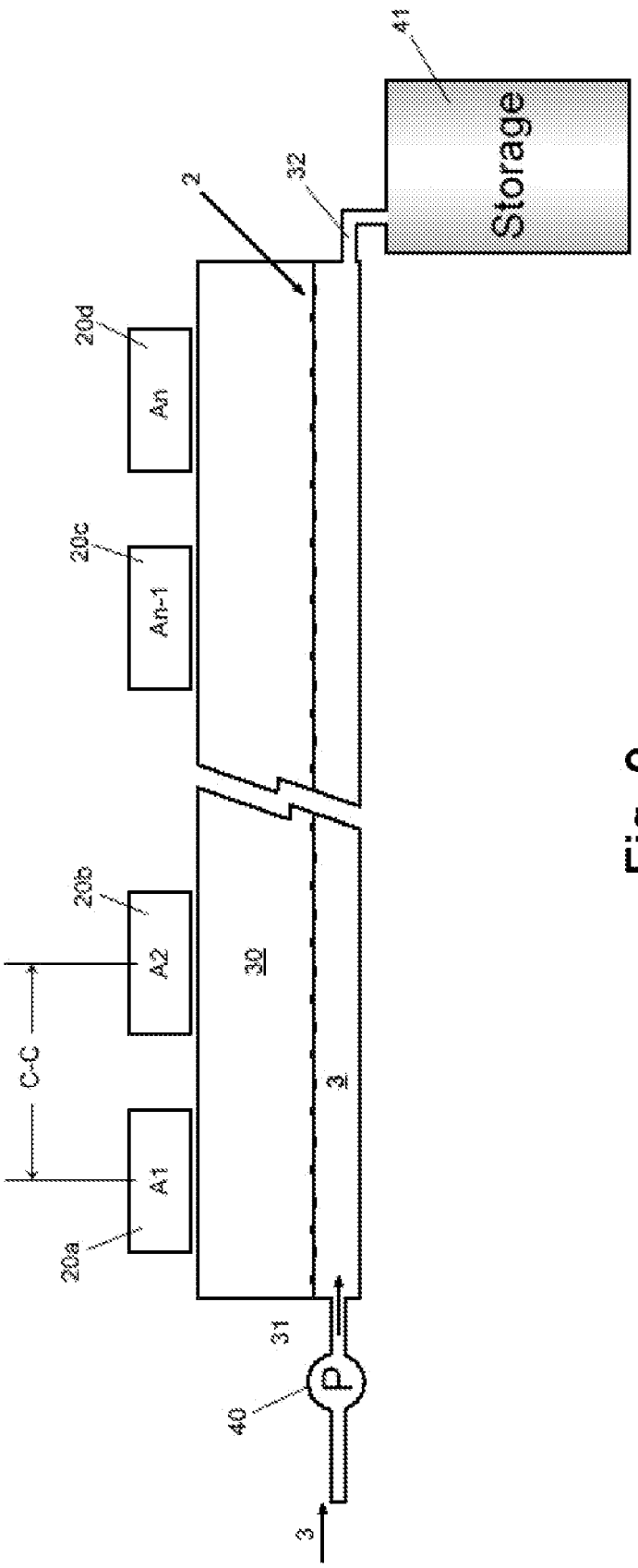


Fig. 9

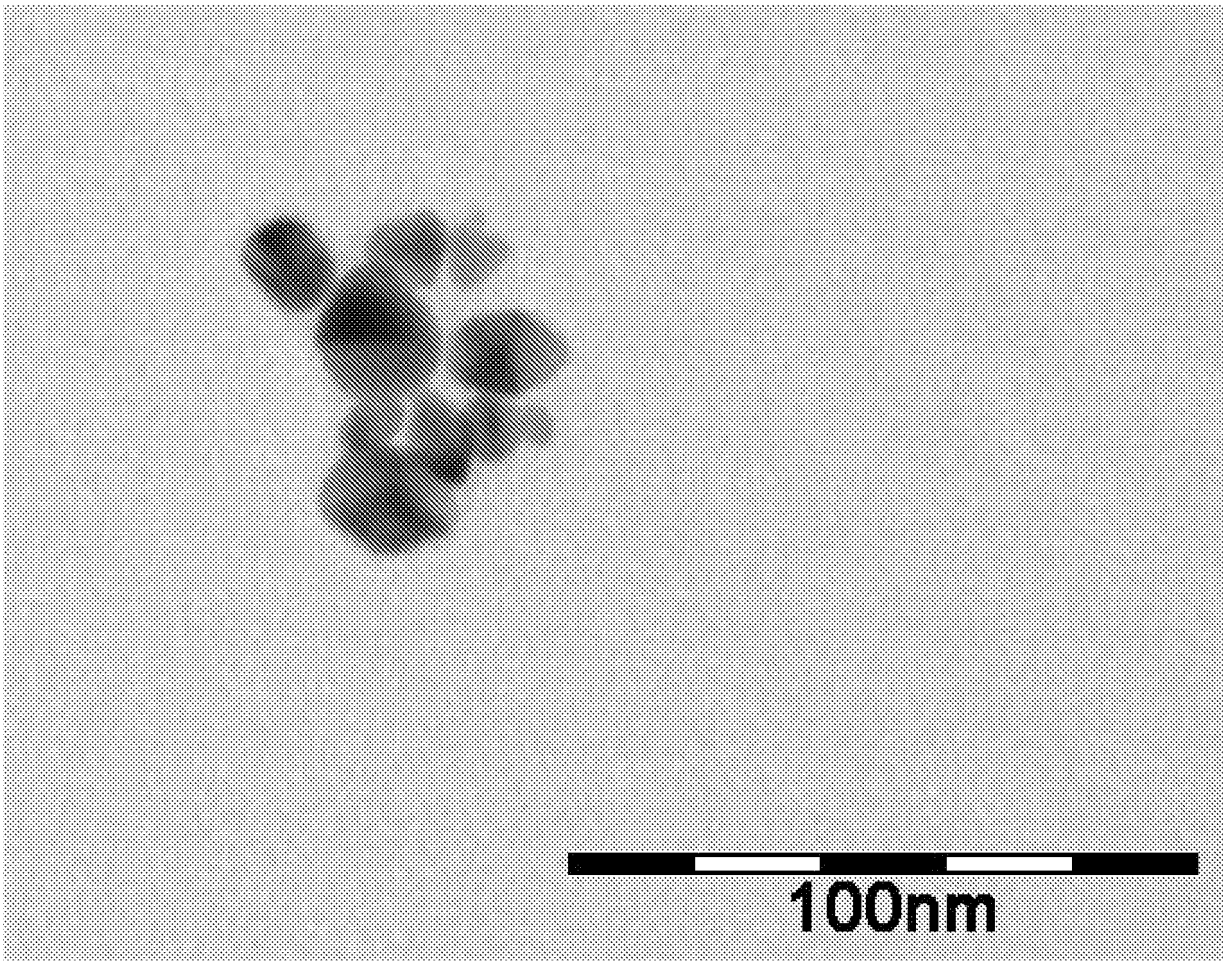


FIG. 10A

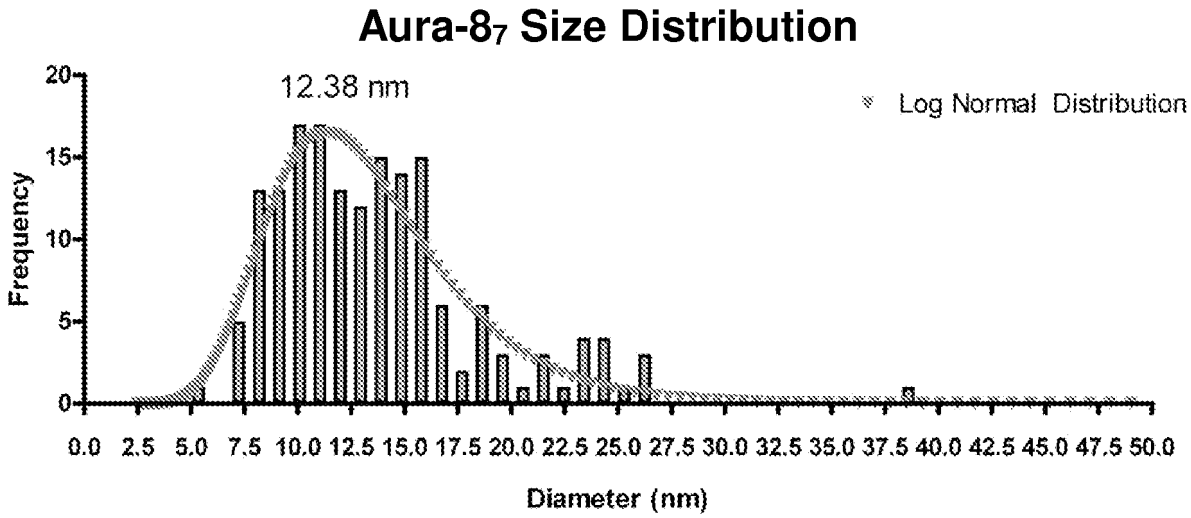


FIG. 10B

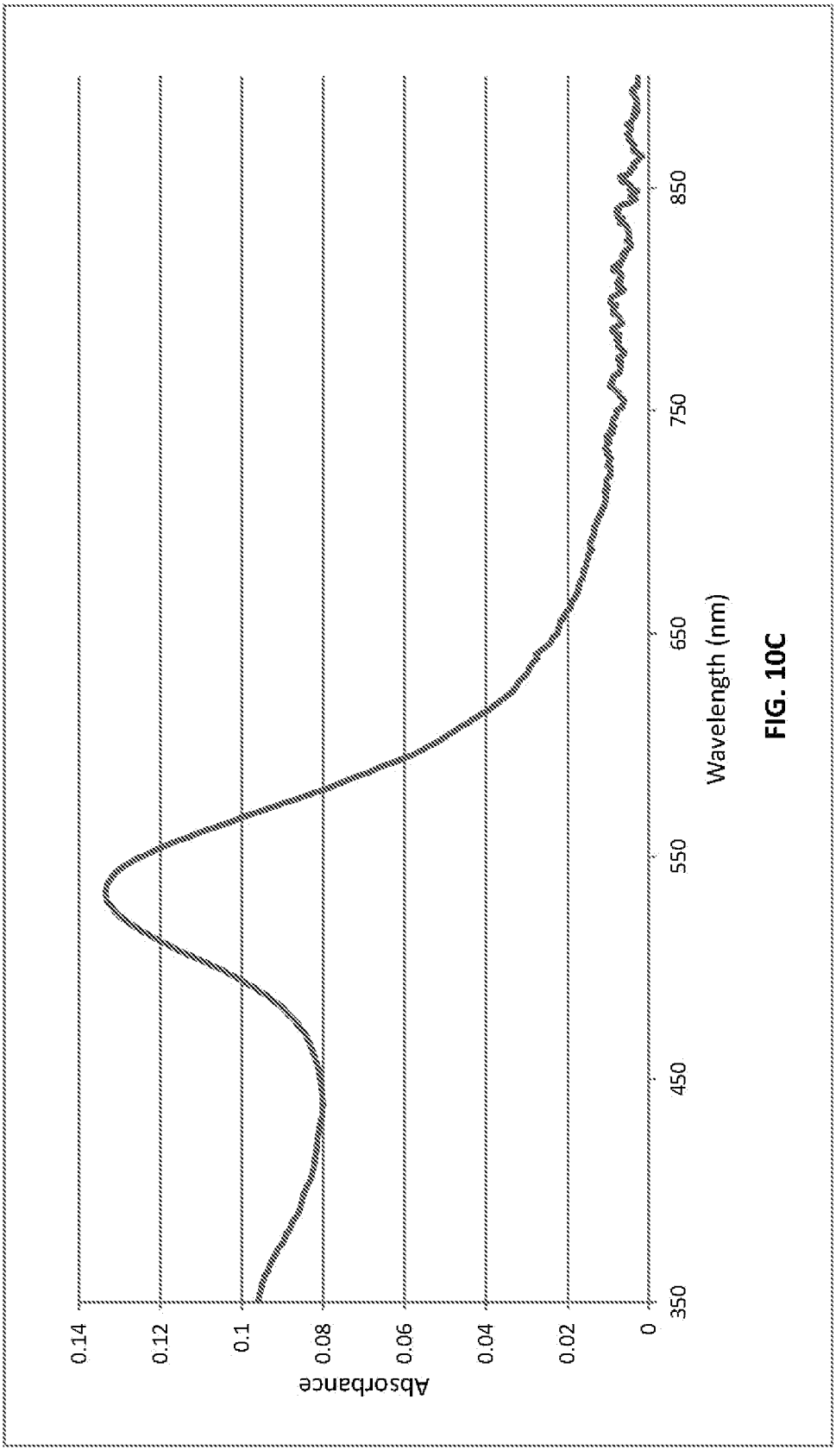

Absorbance
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
350
450
550
650
750
850
Wavelength (nm)

FIG. 10C

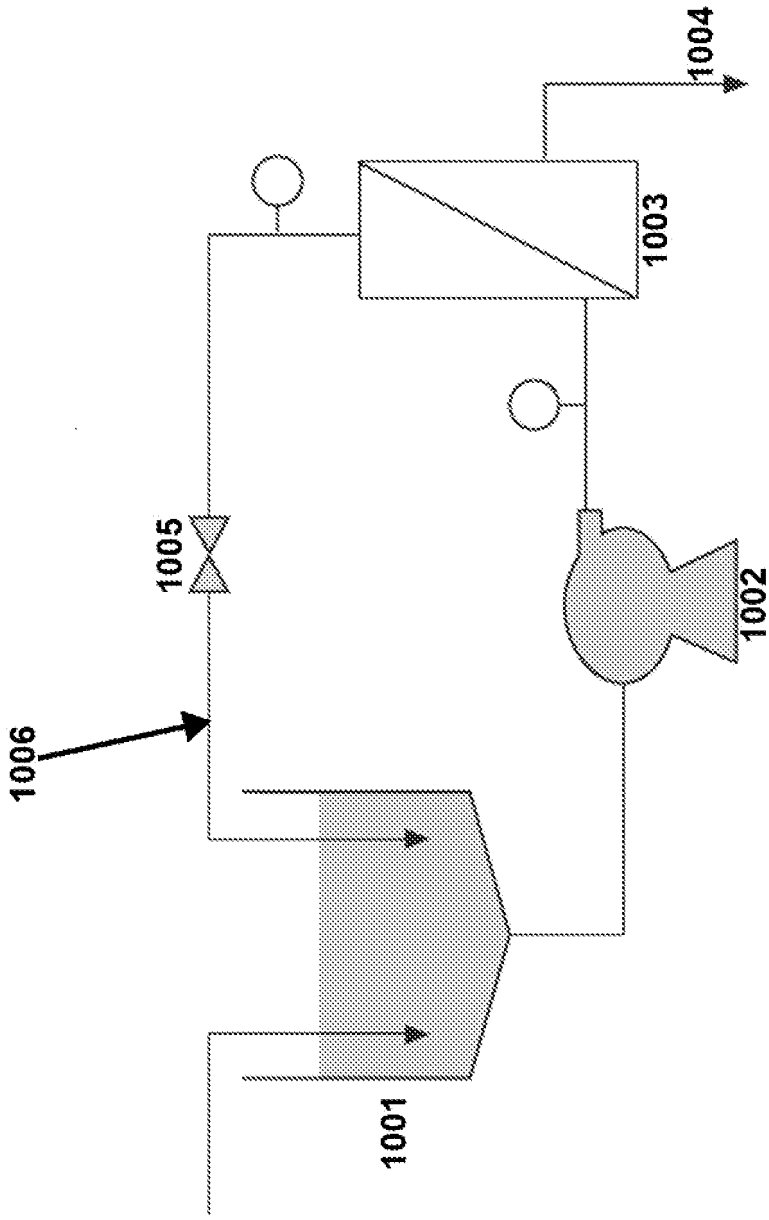


FIG. 11

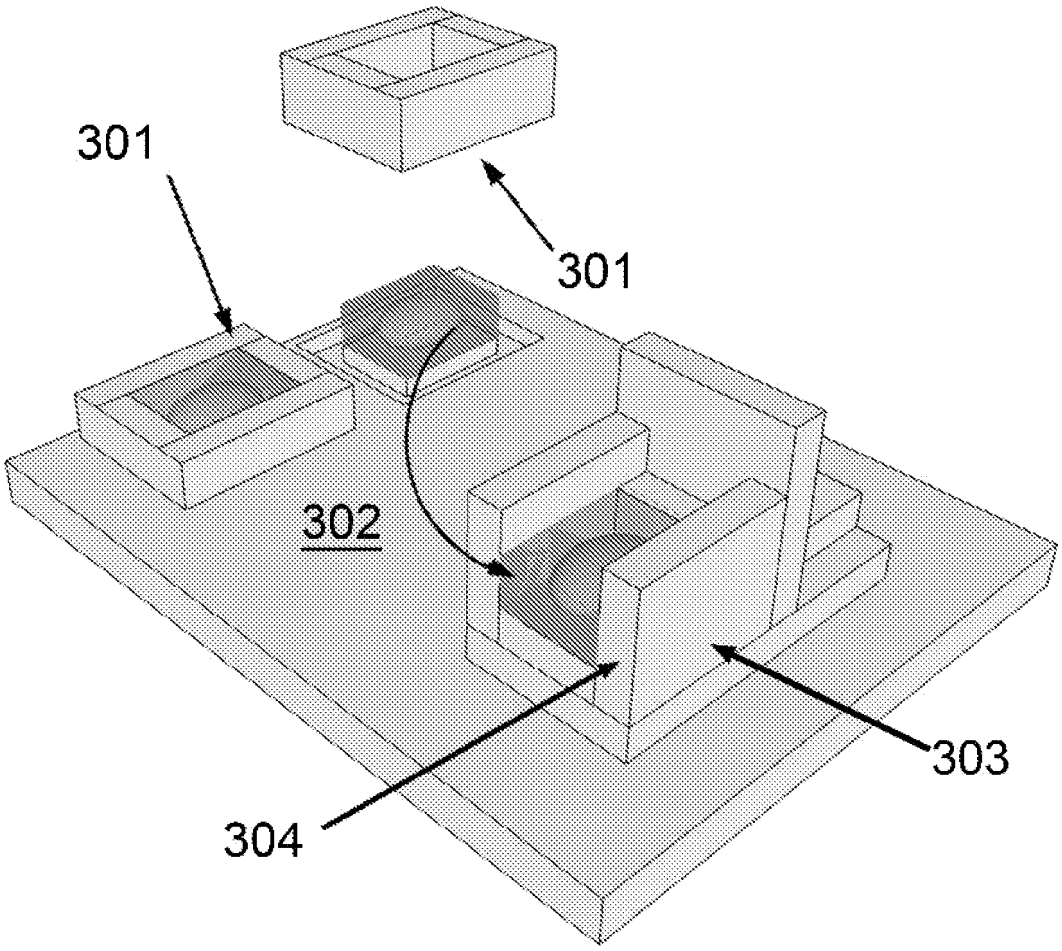


FIG. 12A

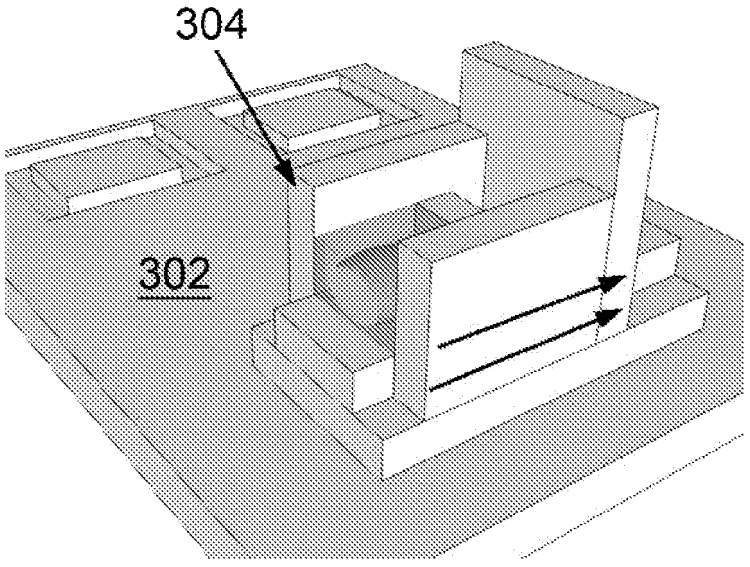


FIG. 12B

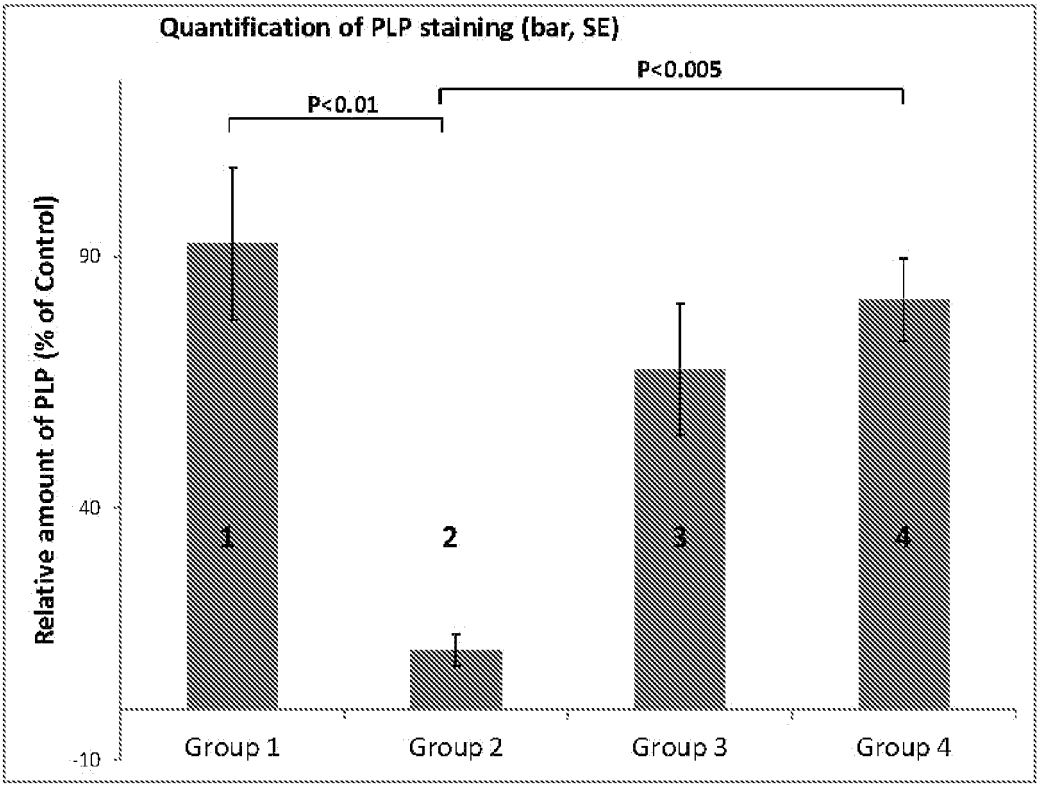


FIG. 13A



FIG. 13B



FIG. 13C

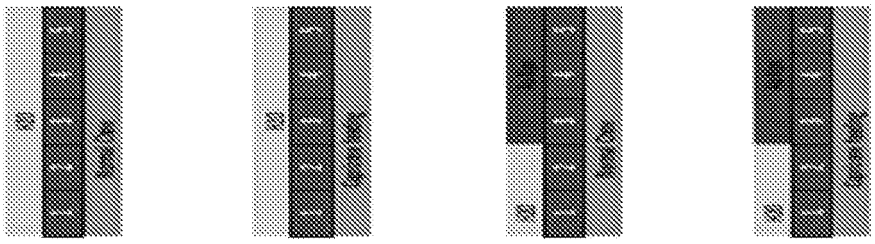


FIG. 13D

Group 1

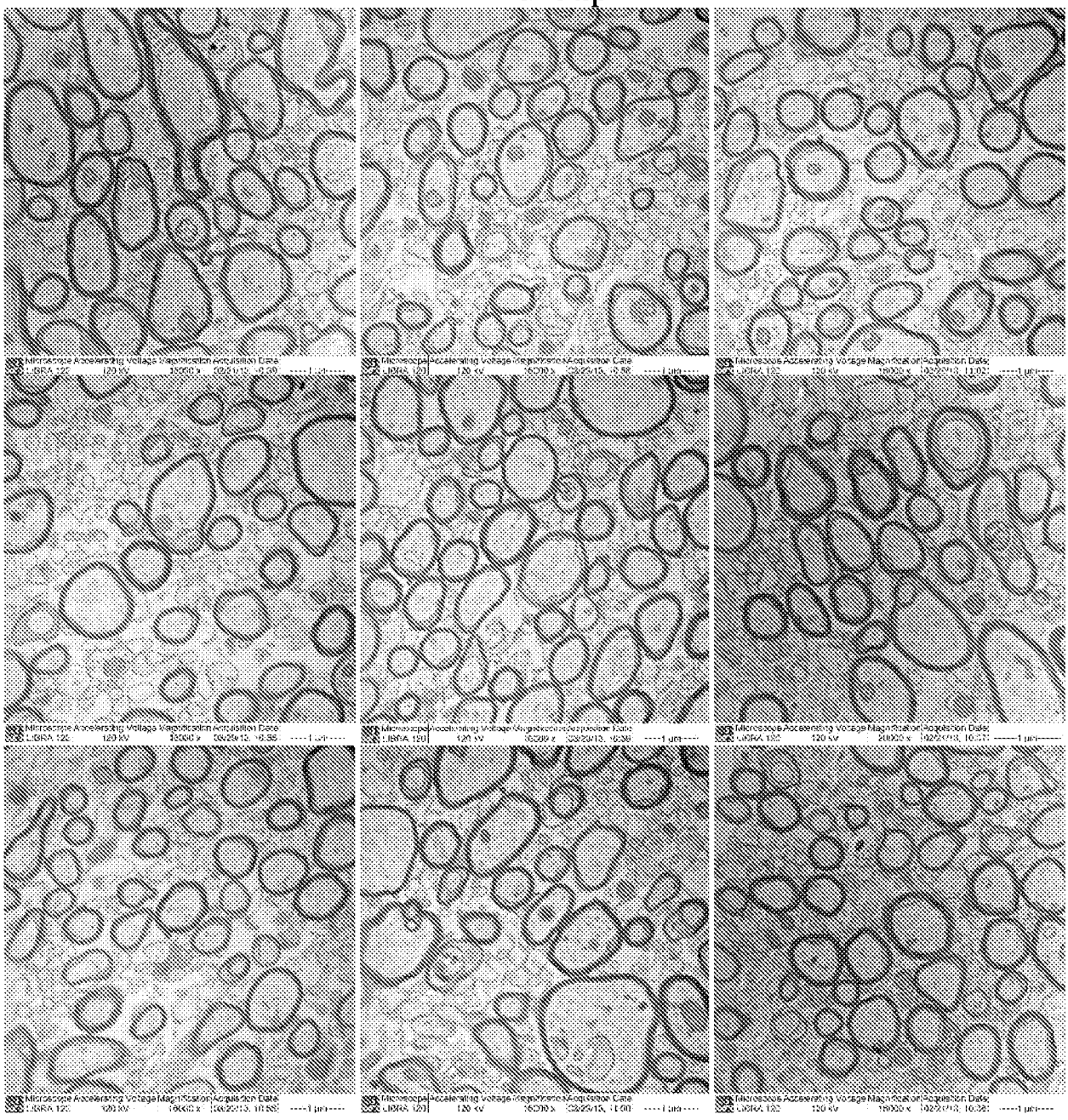


FIG. 14A

Group 2

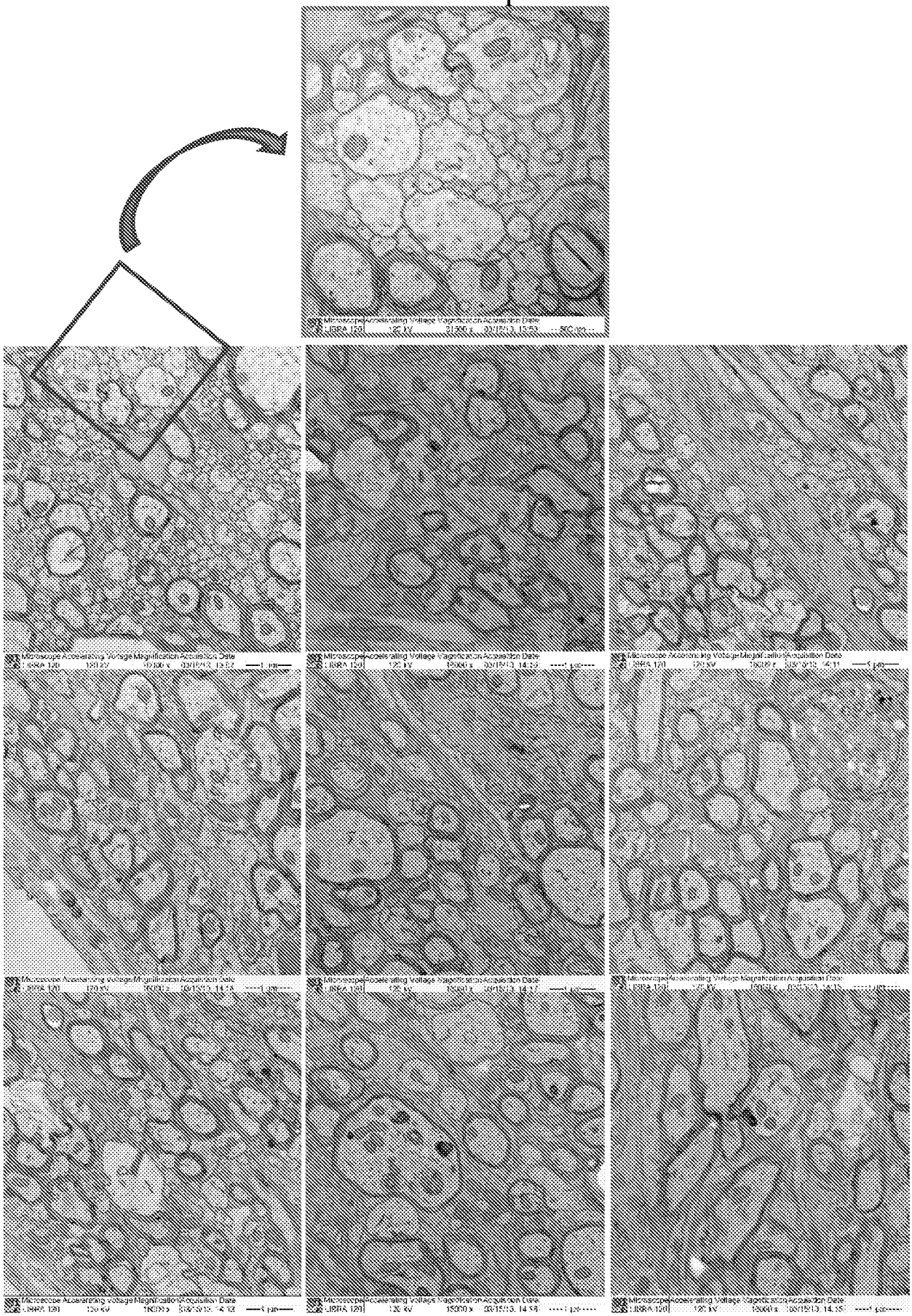


FIG. 14B

Group 3

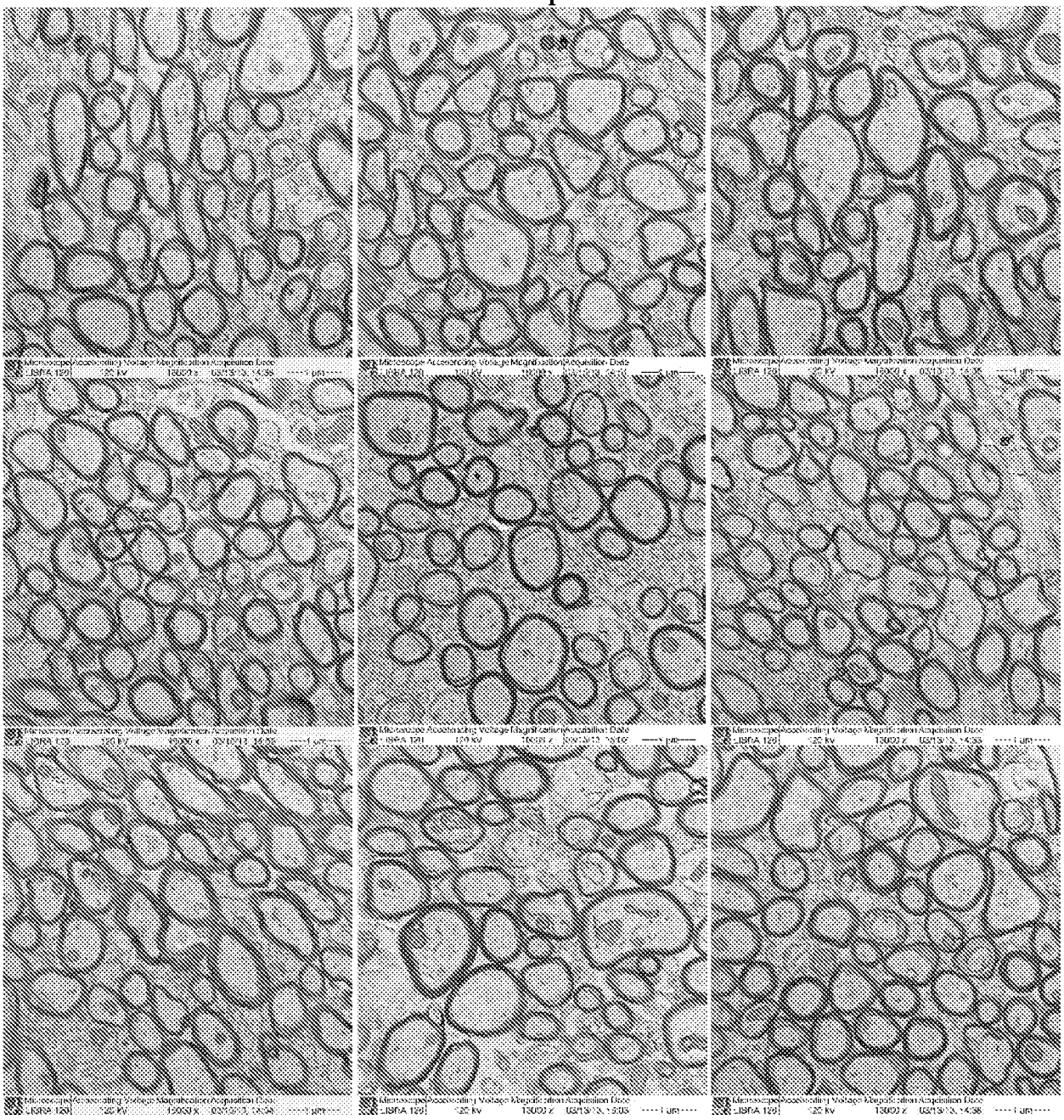


FIG. 14C

Group 4

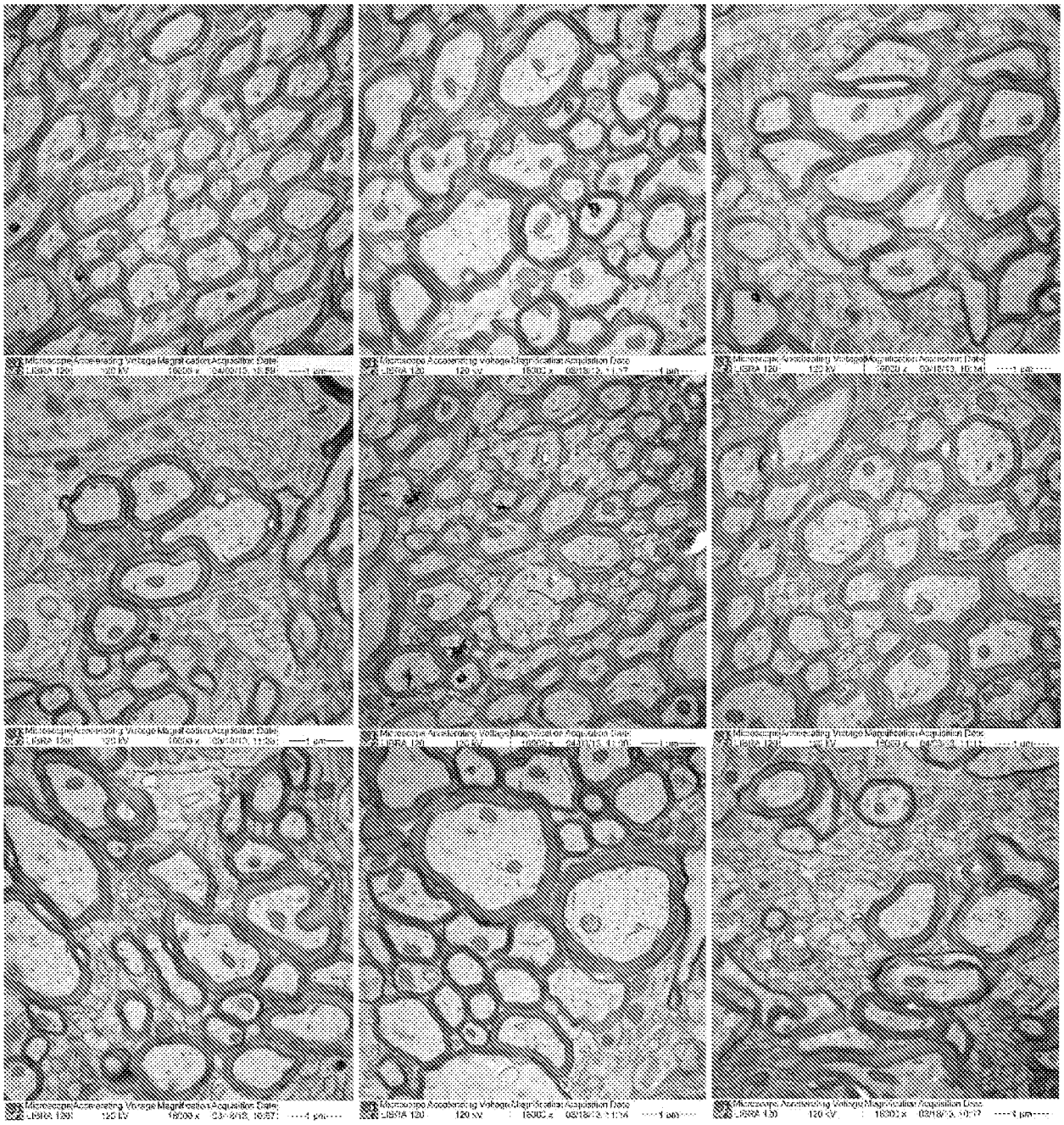


FIG. 14D

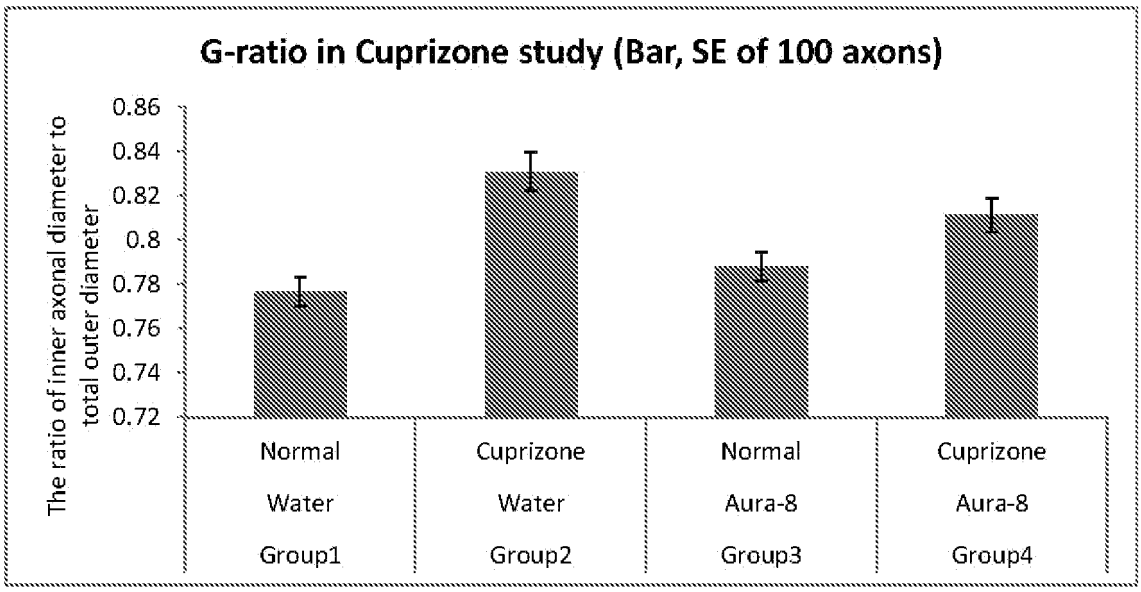

G-ratio in Cuprizone study (Bar, SE of 100 axons)
The ratio of inner axonal diameter to total outer diameter
0.86
0.84
0.82
0.8
0.78
0.76
0.74
0.72
Normal Water Group1
Cuprizone Water Group2
Normal Aura-8 Group3
Cuprizone Aura-8 Group4

FIG. 15

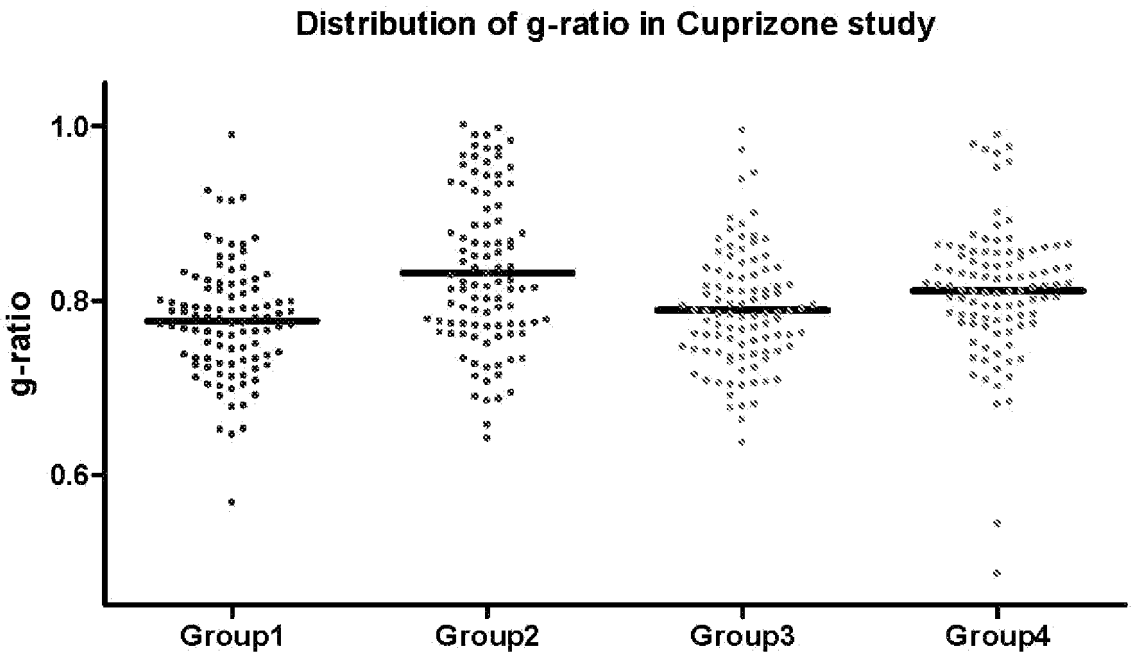

Distribution of g-ratio in Cuprizone study
g-ratio
1.0
0.8
0.6
Group1
Group2
Group3
Group4

FIG. 16

FIG. 17A

FIG. 17B

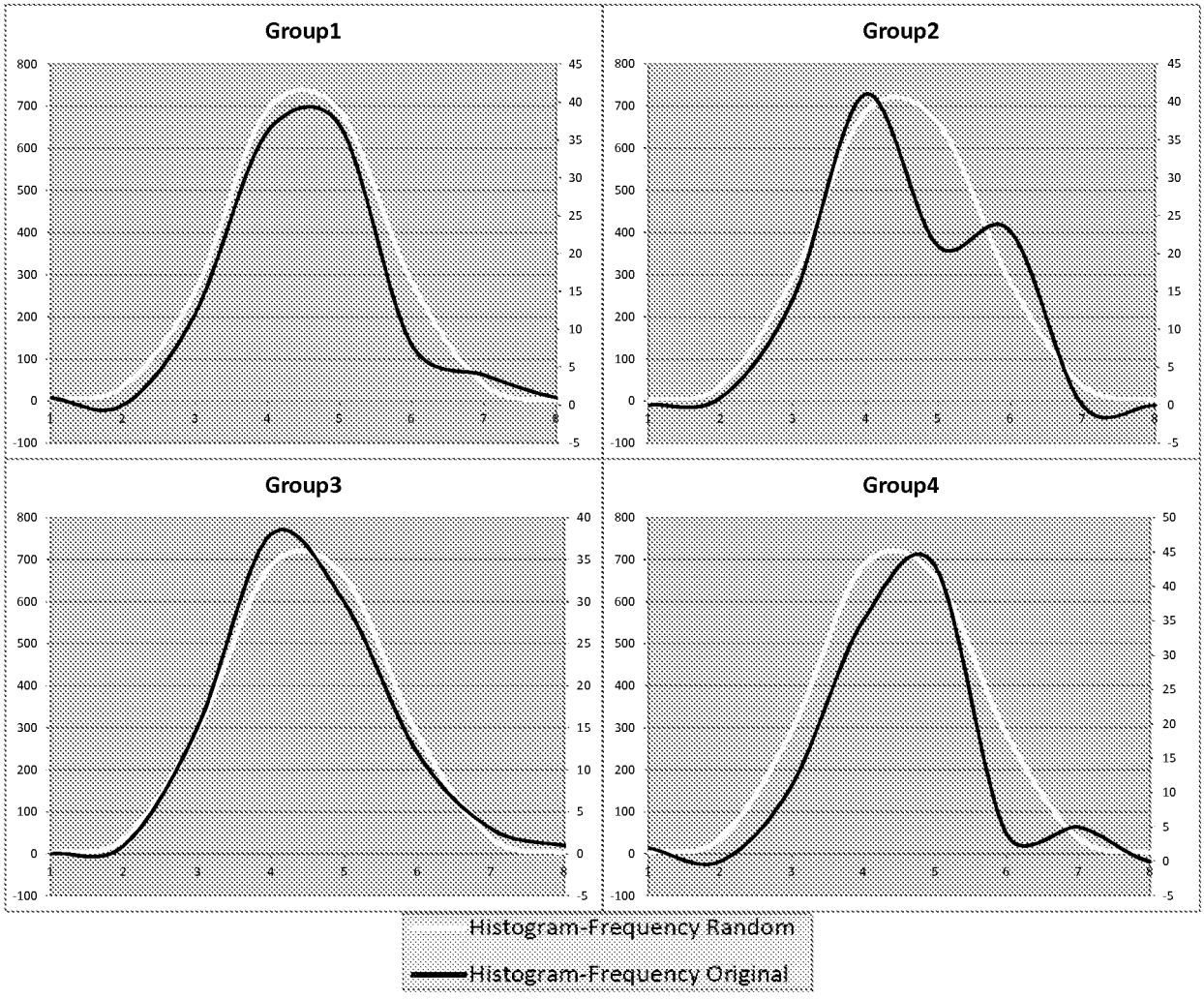


FIG. 17C

FIG. 17D

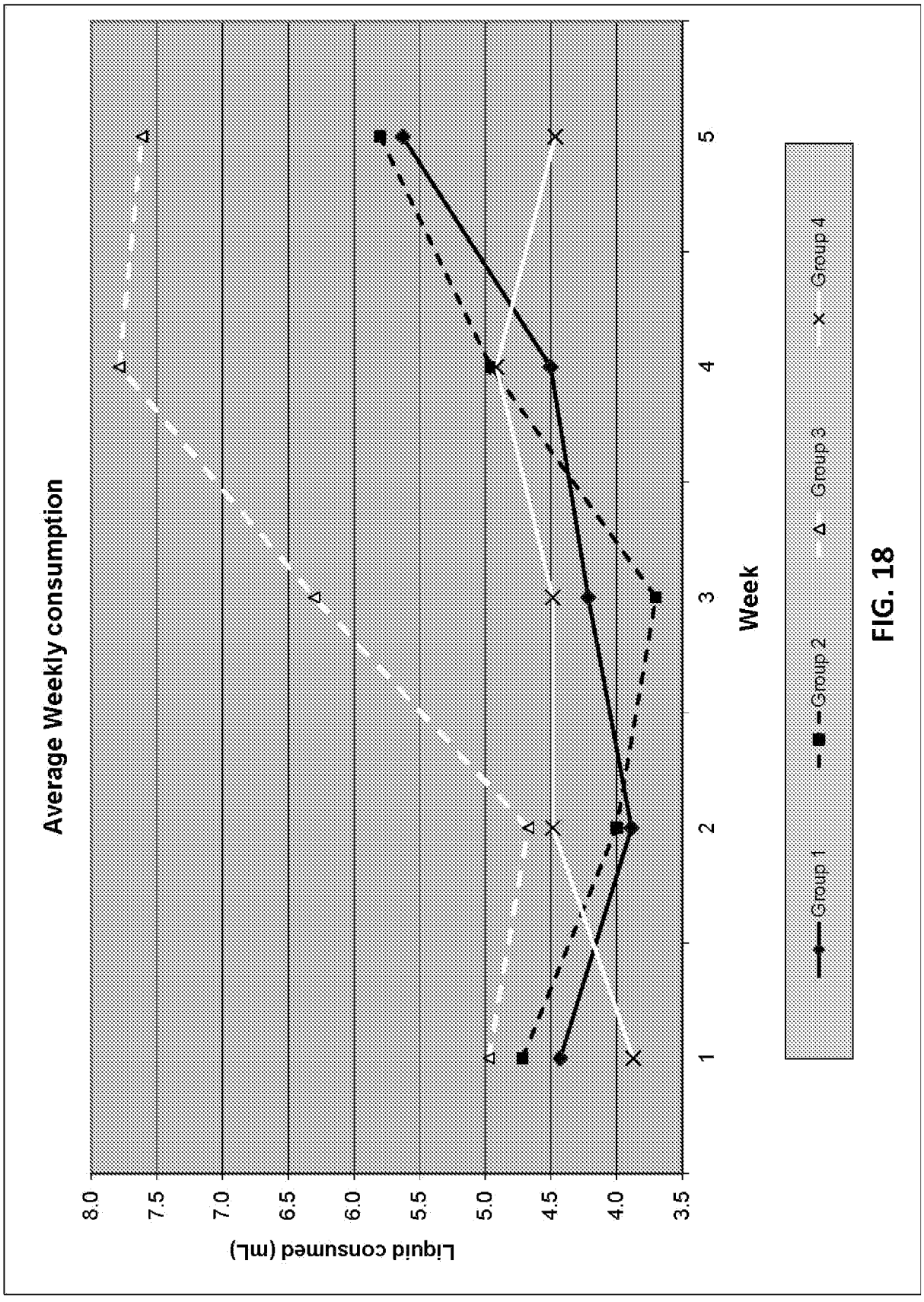
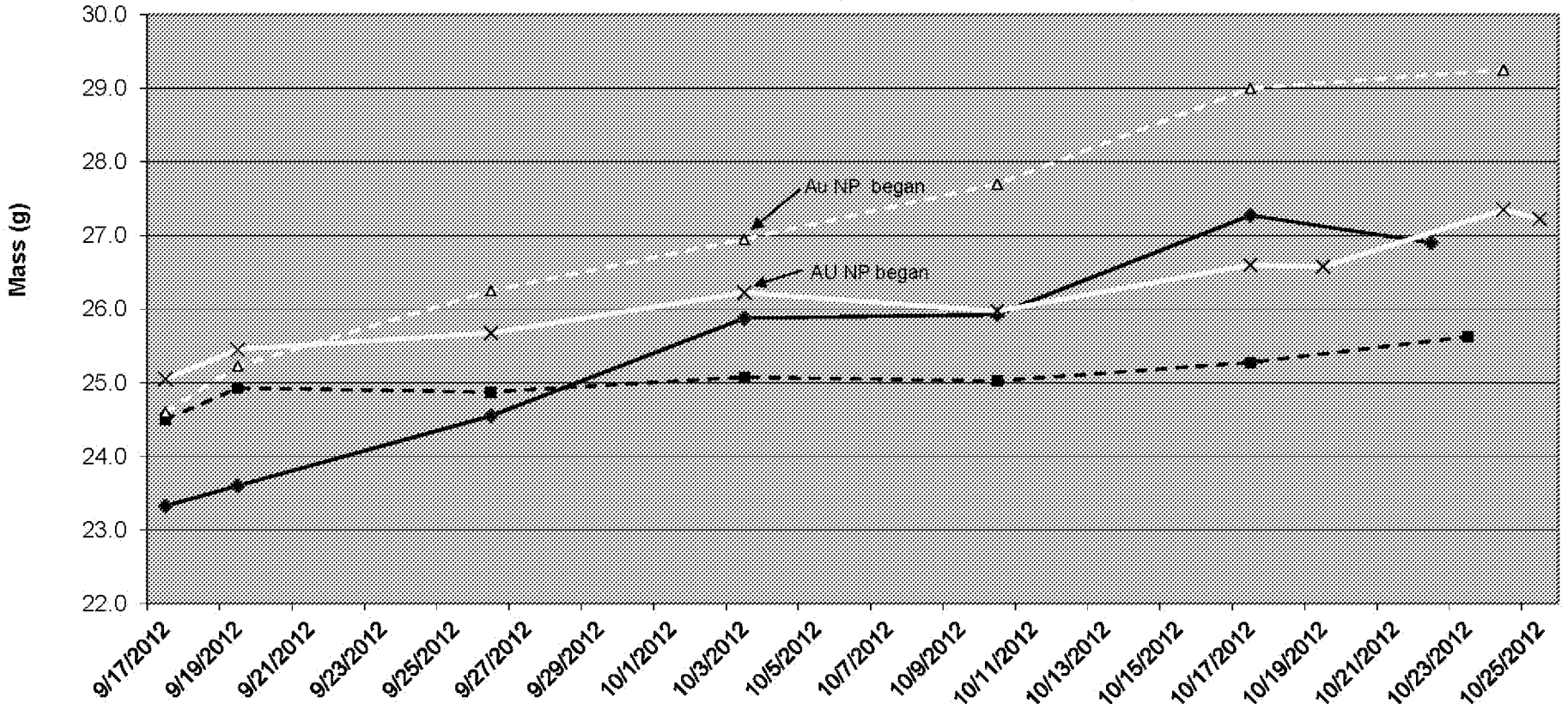

Average Weekly consumption
Liquid consumed (mL)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
1
2
3
4
5
Week
Group 1
Group 2
Group 3
Group 4

FIG. 18



	9/17/2012	9/19/2012	9/26/2012	10/3/2012	10/10/2012	10/17/2012	10/19/2012	10/22/2012	10/23/2012	10/24/2012	10/25/2012
Group 1	23.3	23.6	24.6	25.9	25.9	27.3		26.9			
Group 2	24.5	24.9	24.9	25.1	25.0	25.3			25.6		
Group 3	24.6	25.2	26.3	27.0	27.7	29.0				29.3	
Group 4	25.1	25.5	25.7	26.2	26.0	26.6	26.6			27.4	27.2

Date weighed

Figure 19

FIG. 20A

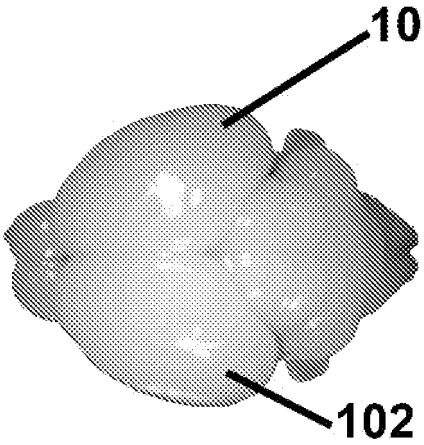


FIG. 20B

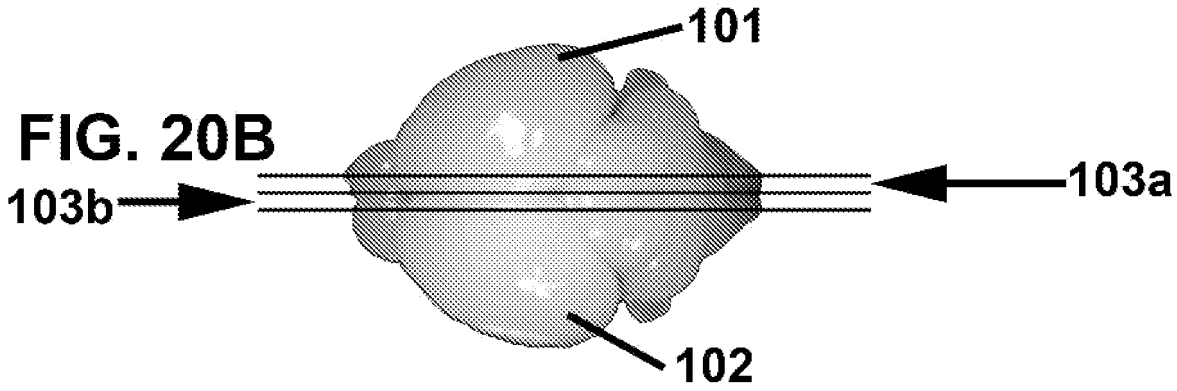
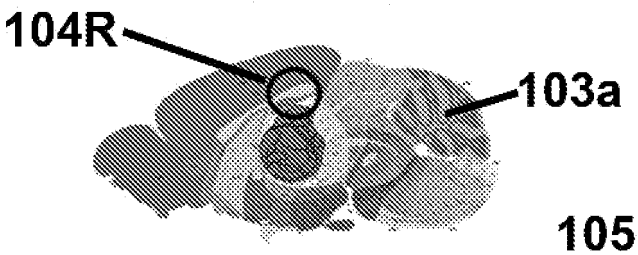


FIG. 20C



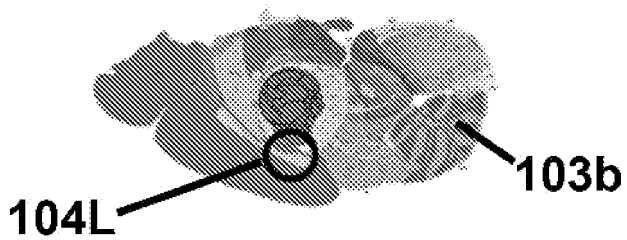
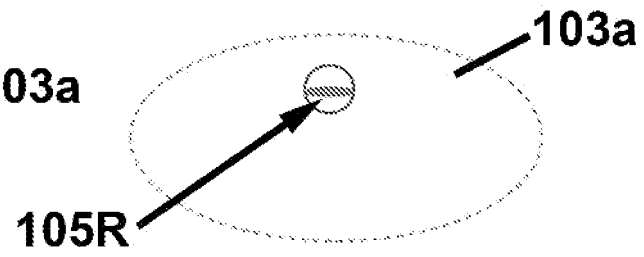


FIG. 20D

FIG. 20E



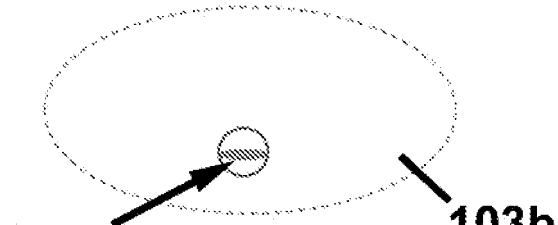


FIG. 20F

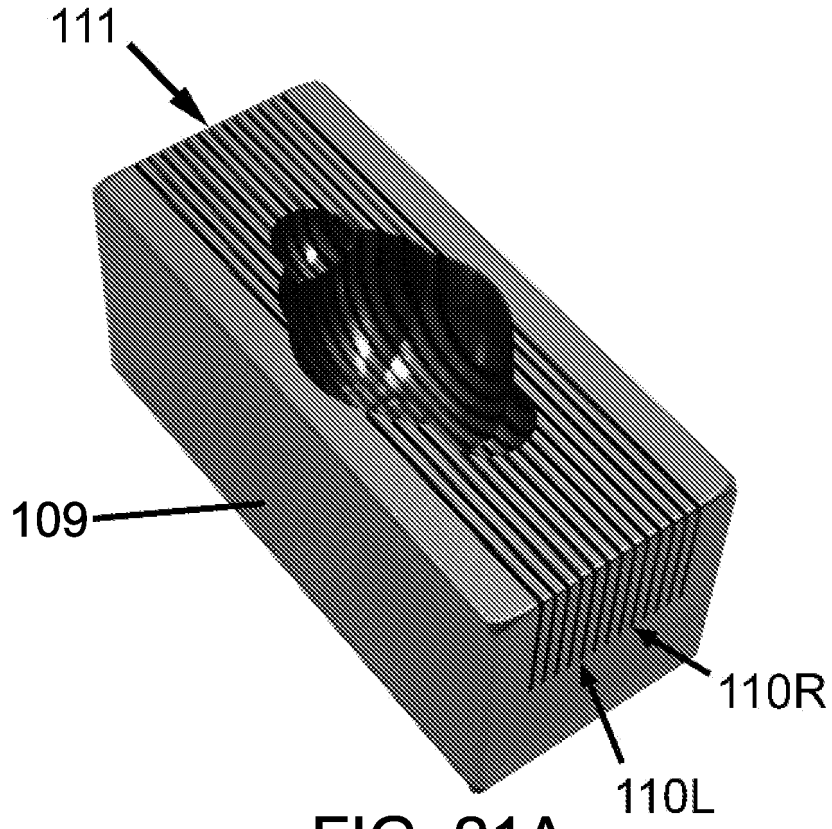


FIG. 21A

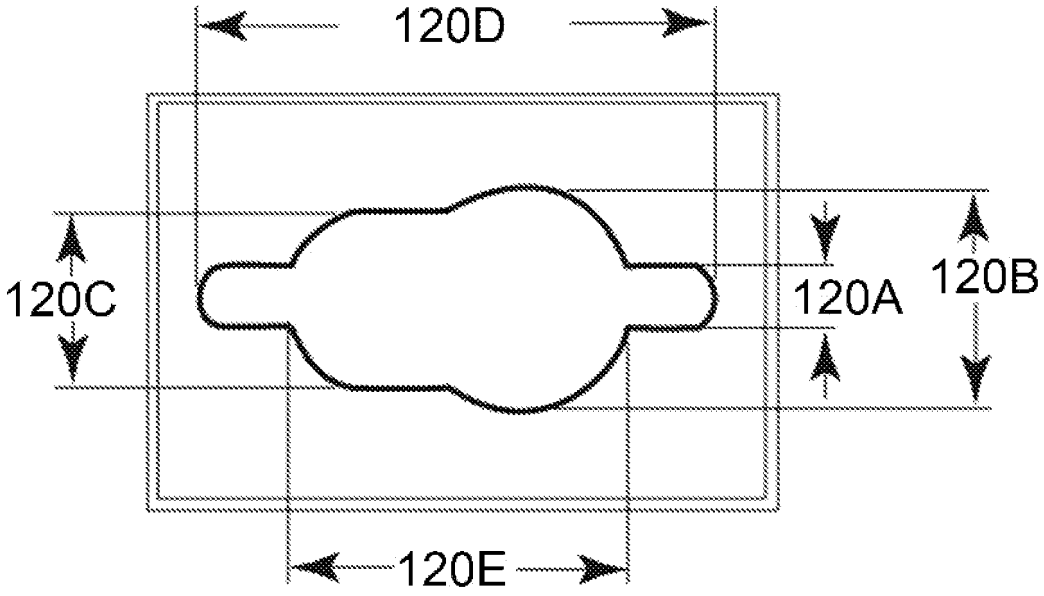


FIG. 21B

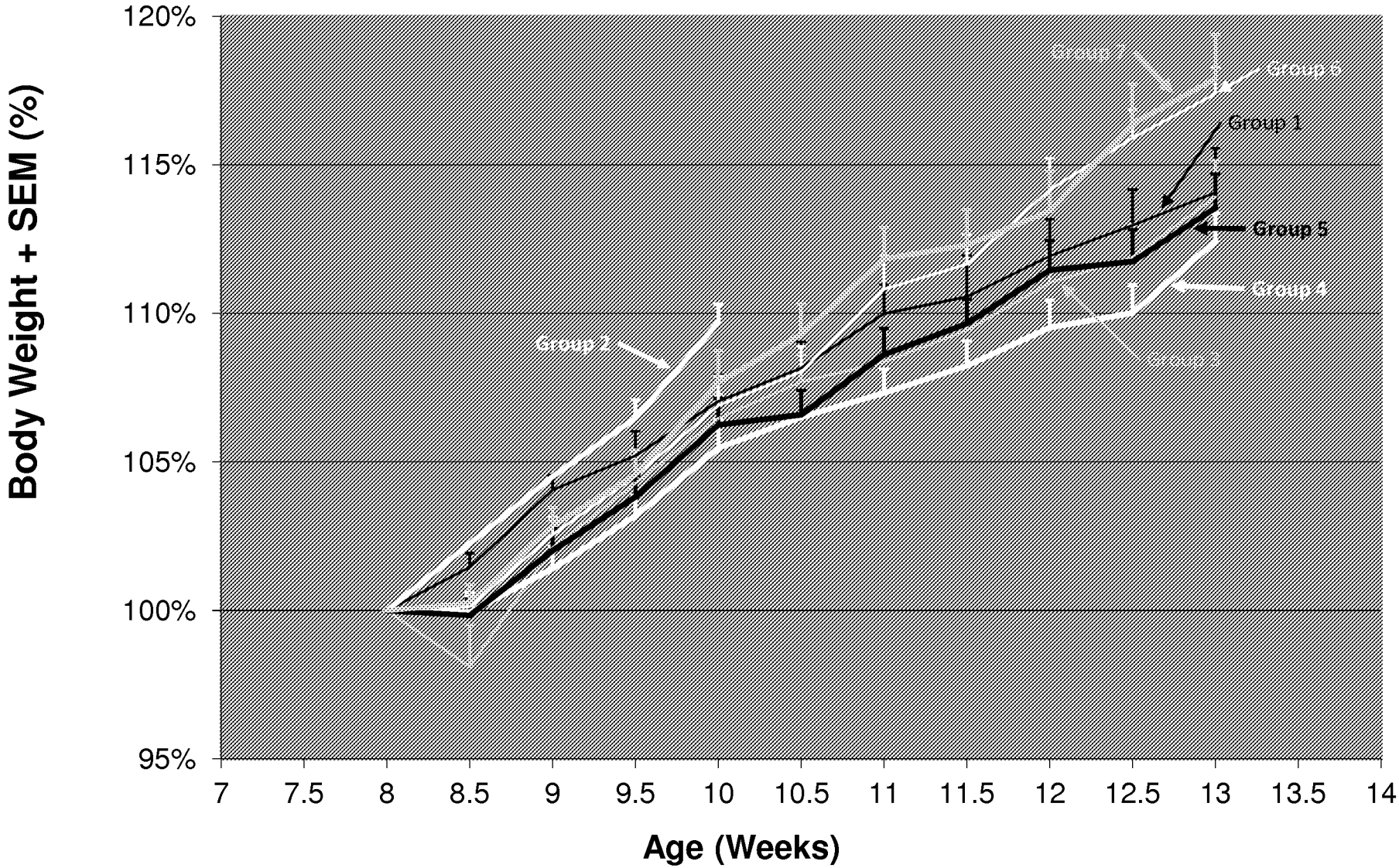

Body Weight + SEM (%)
120%
115%
110%
105%
100%
95%
7
7.5
8
8.5
9
9.5
10
10.5
11
11.5
12
12.5
13
13.5
14
Age (Weeks)
Group 5
Group 1
Group 5
Group 4
Group 2

FIG. 22

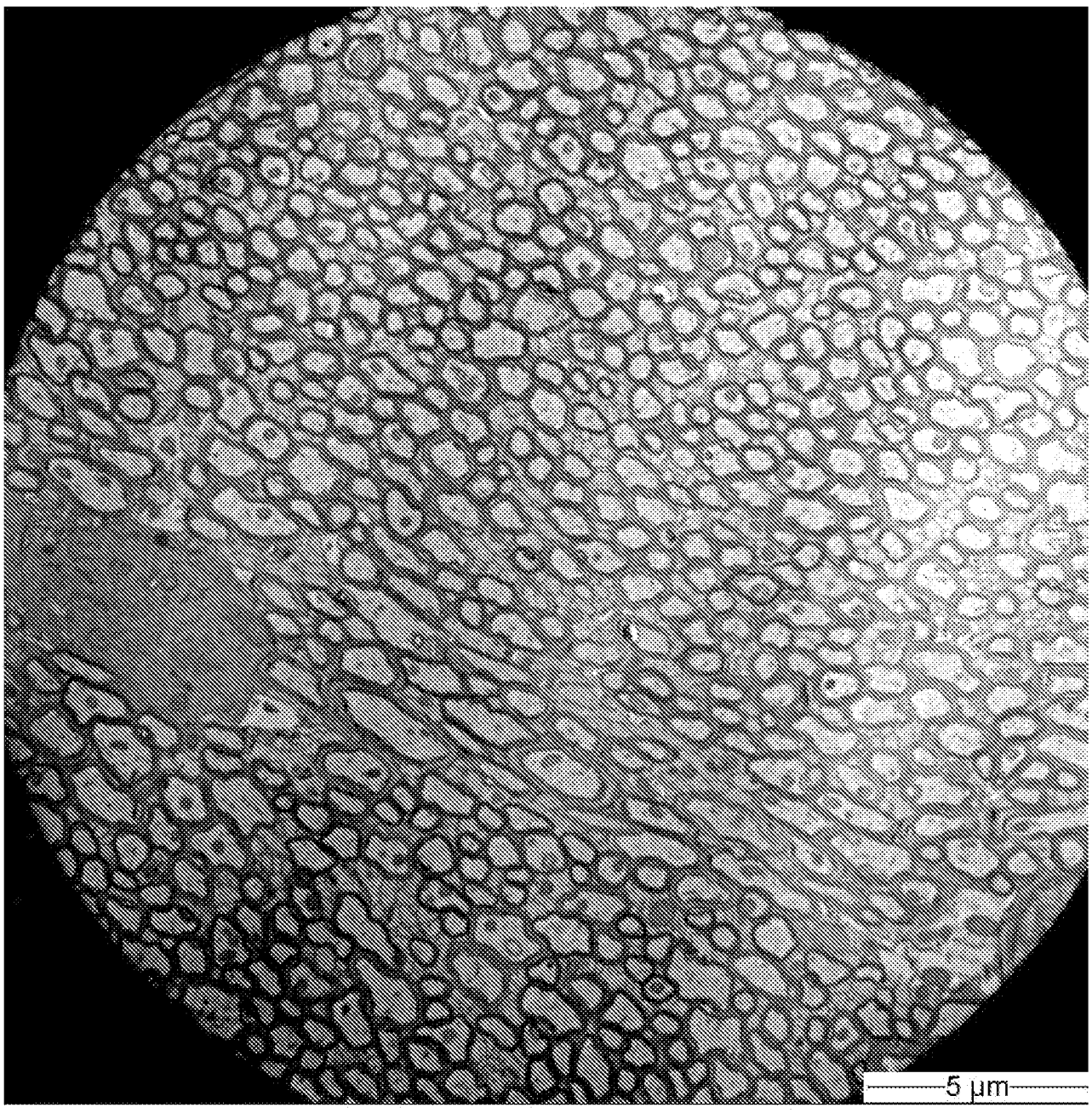


FIG. 23A

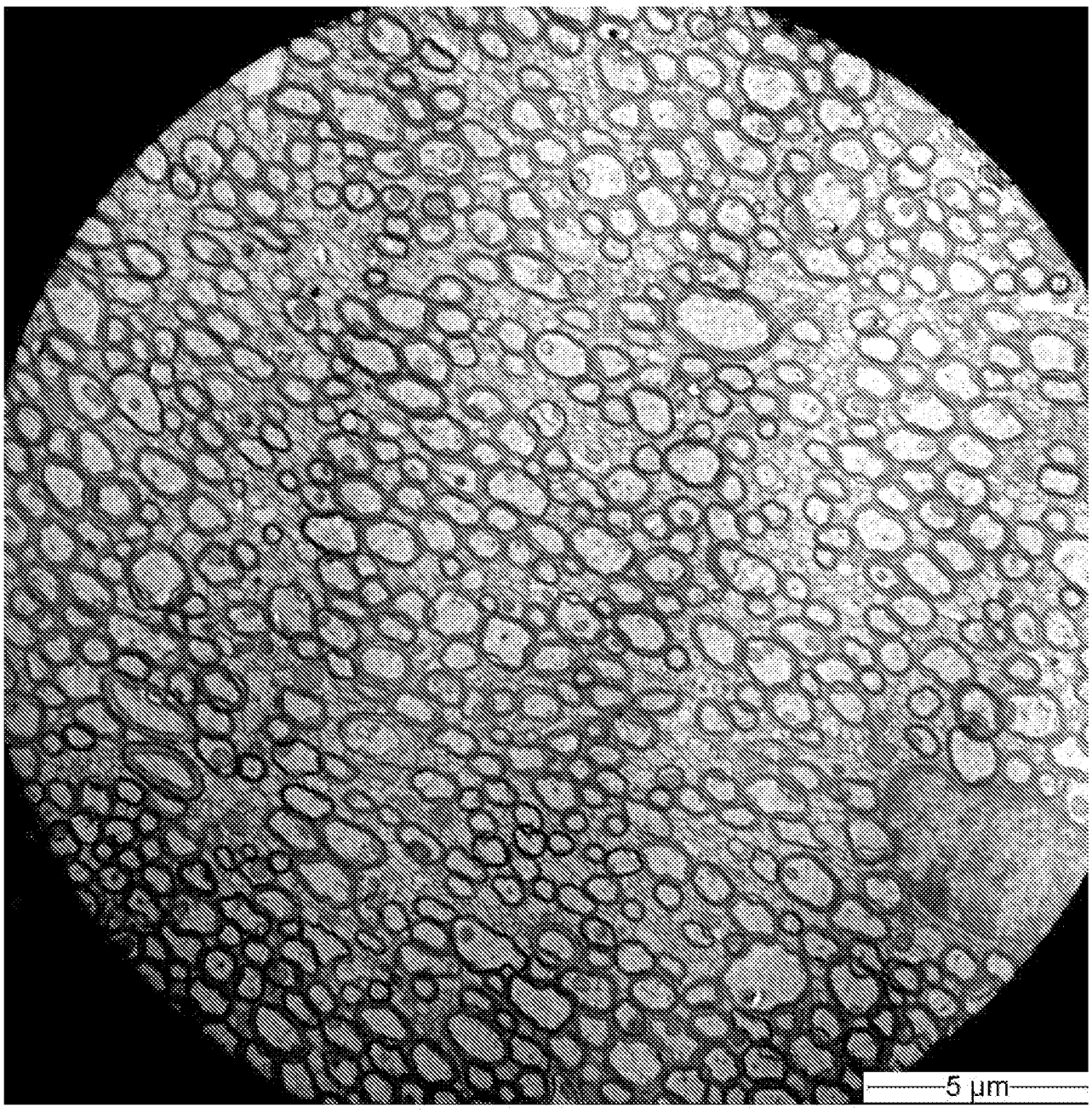


FIG. 23B

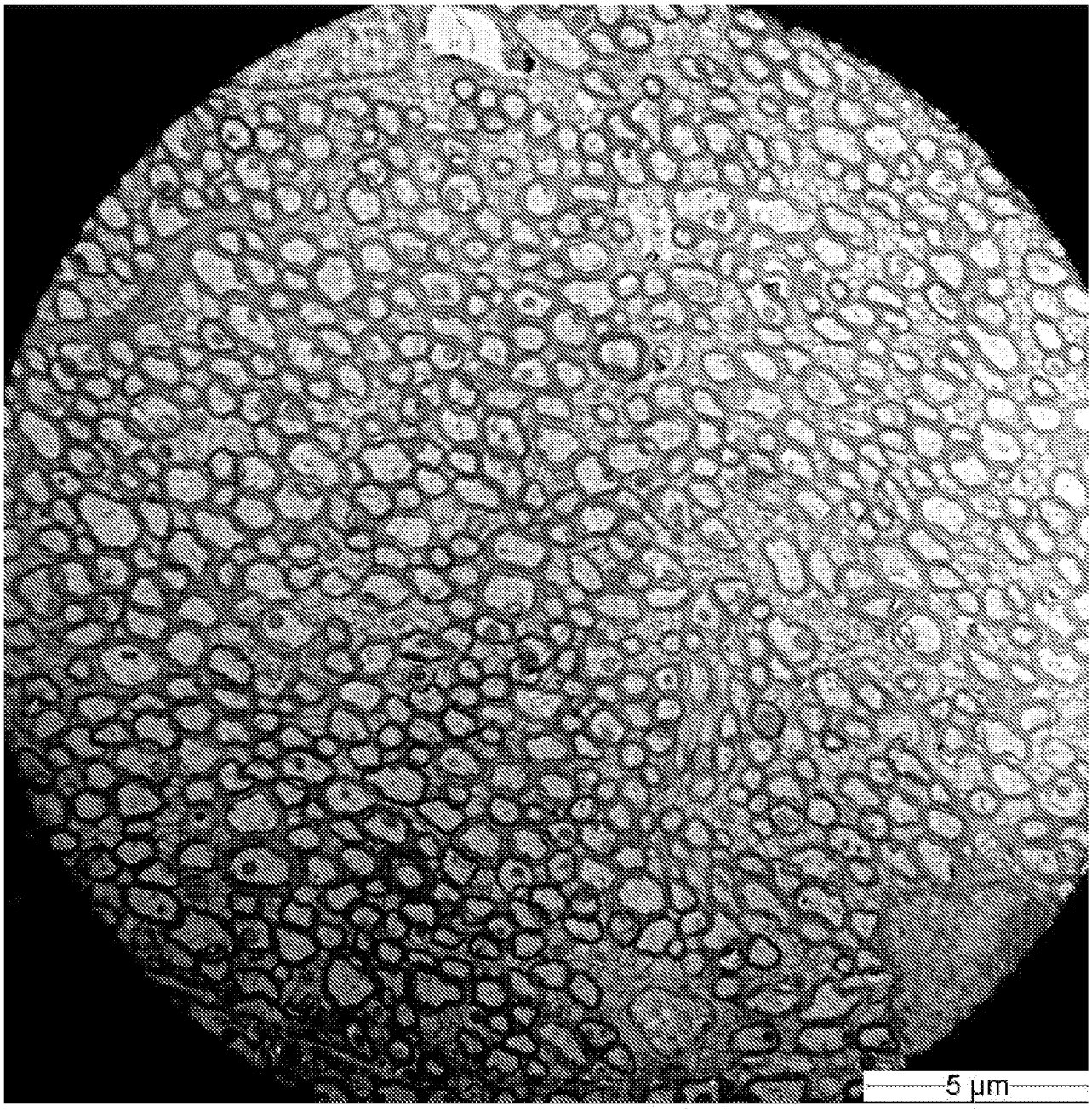


FIG. 23C

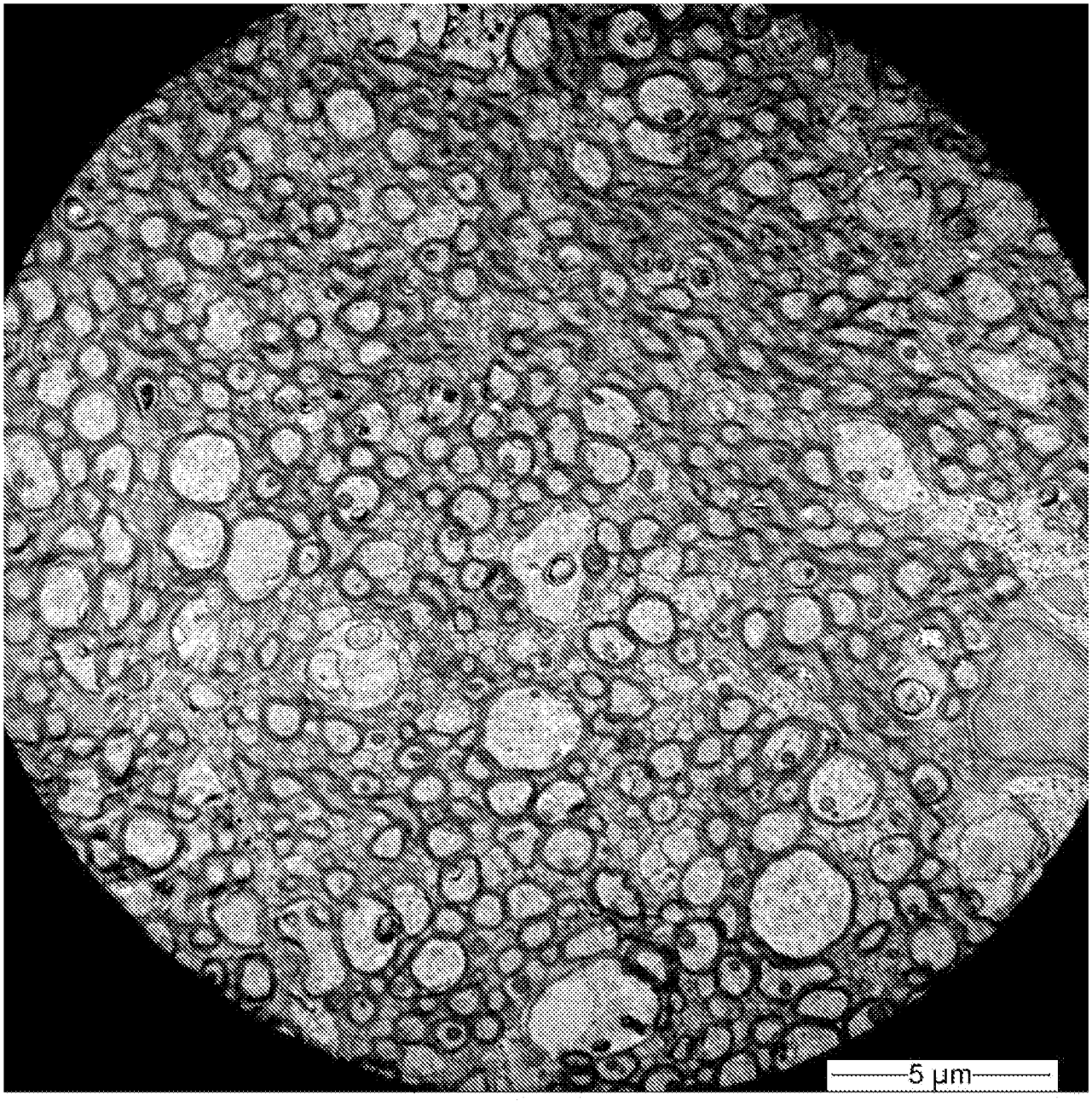


FIG. 24A

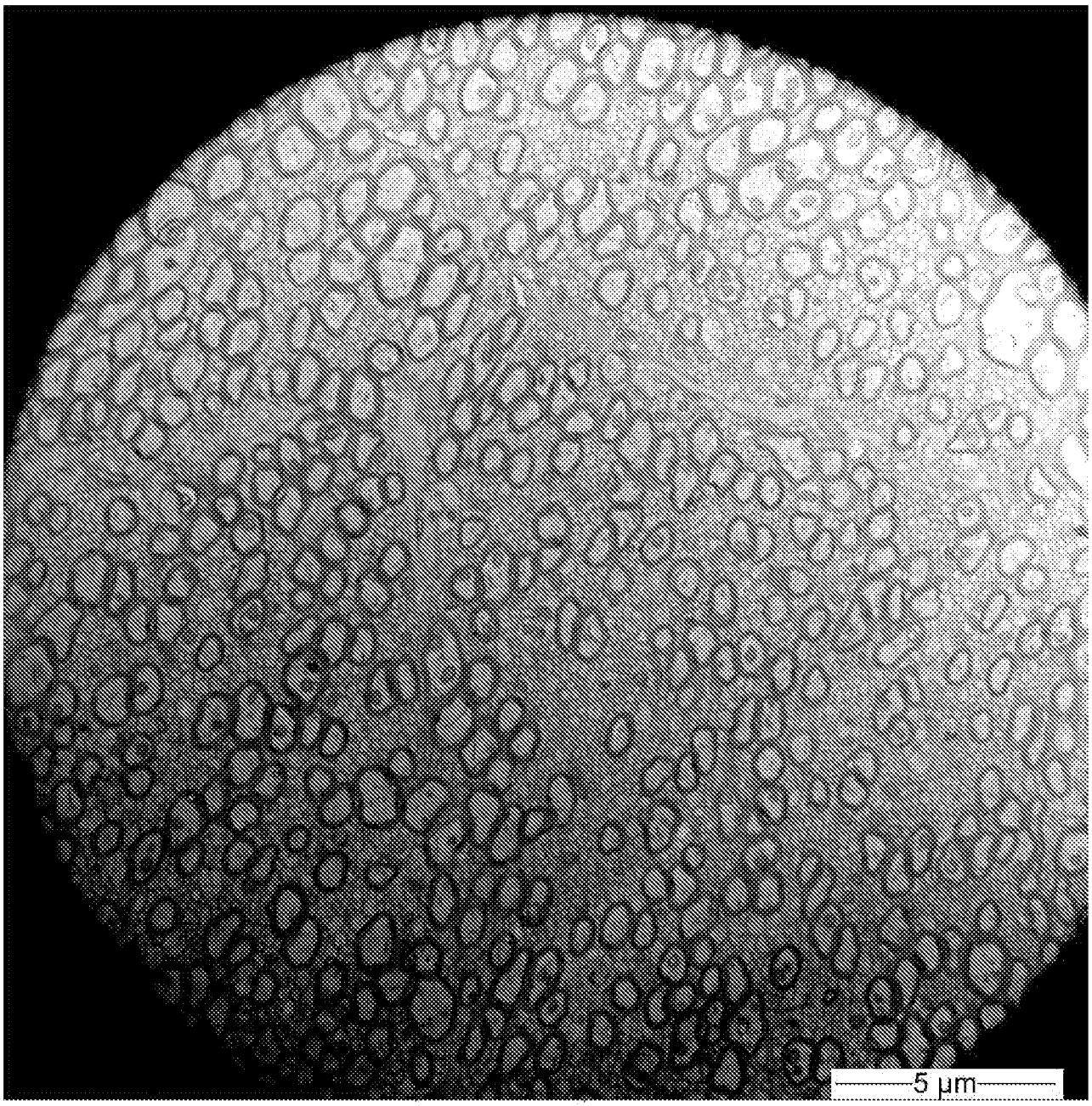


FIG. 24B

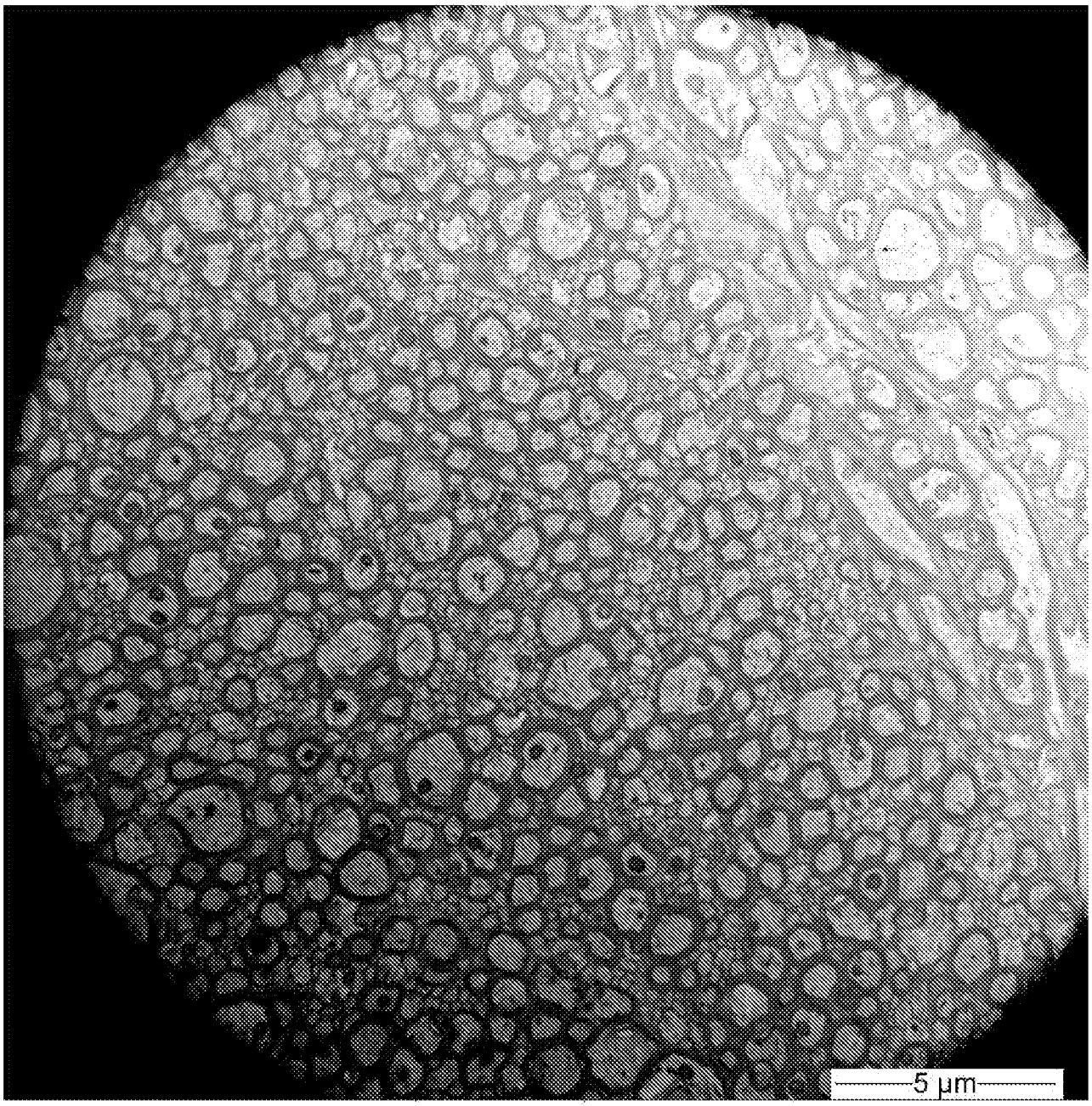


FIG. 24C

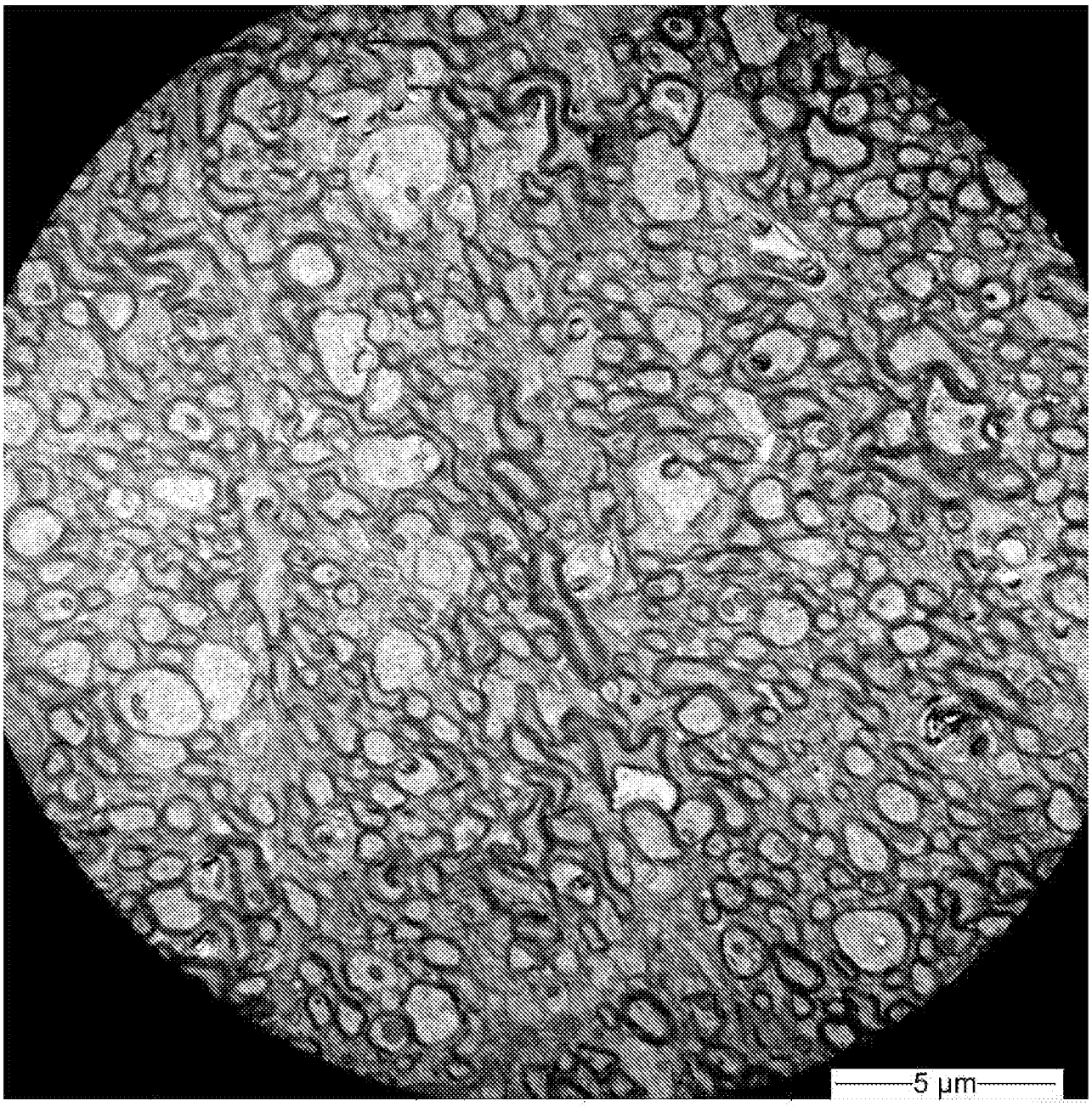


FIG. 24D

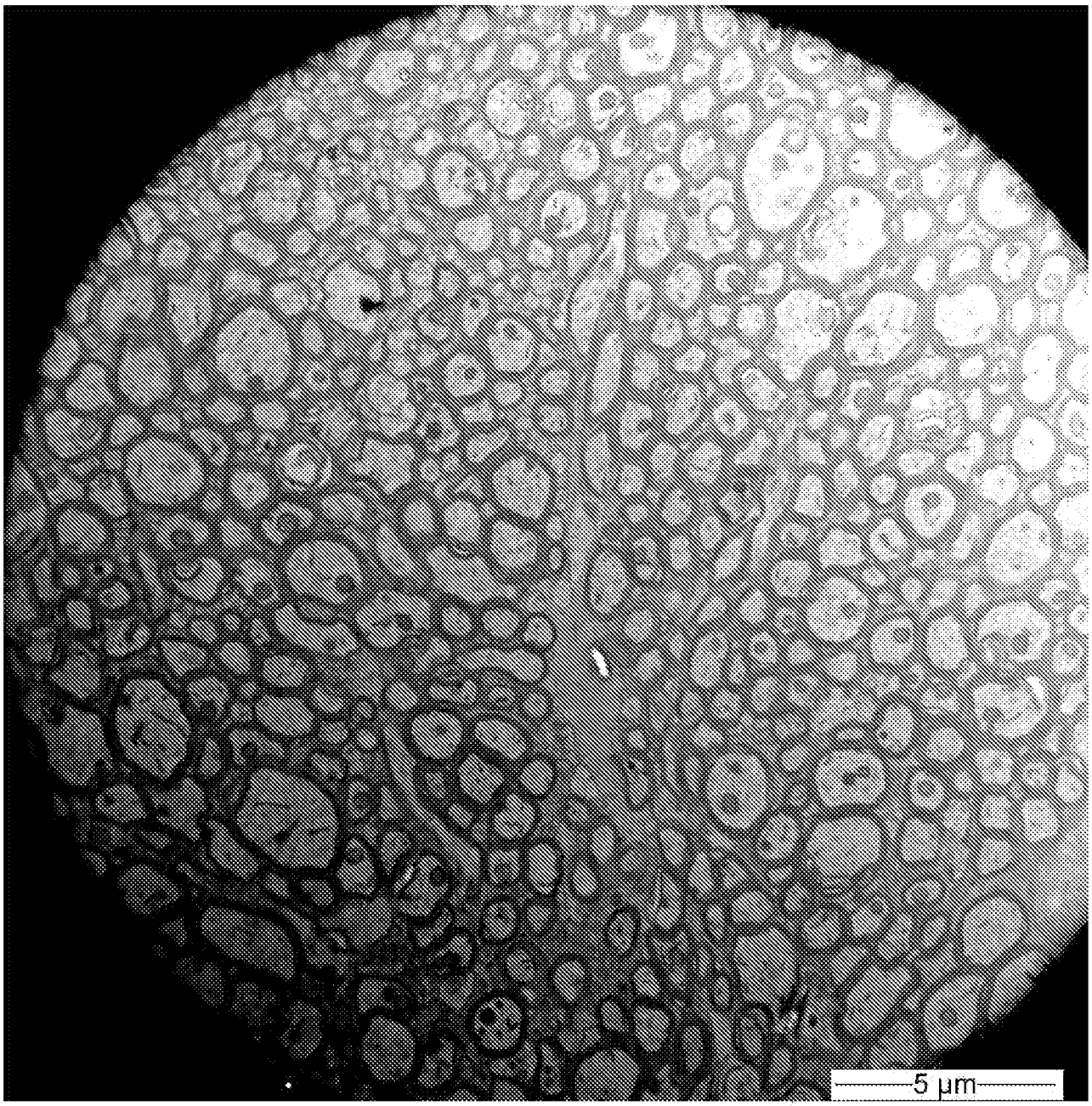


FIG. 24E

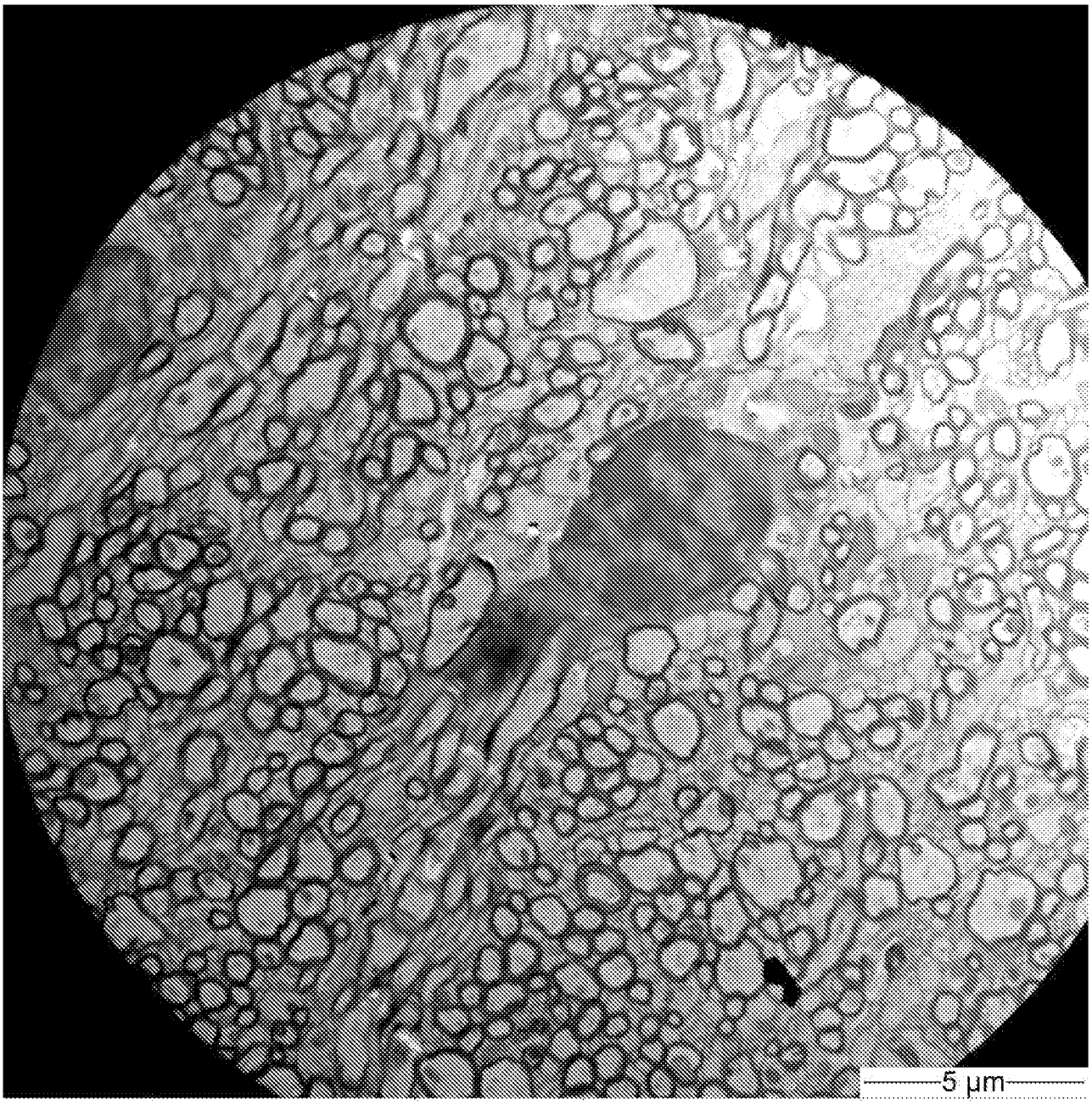


FIG. 25A



FIG. 25B

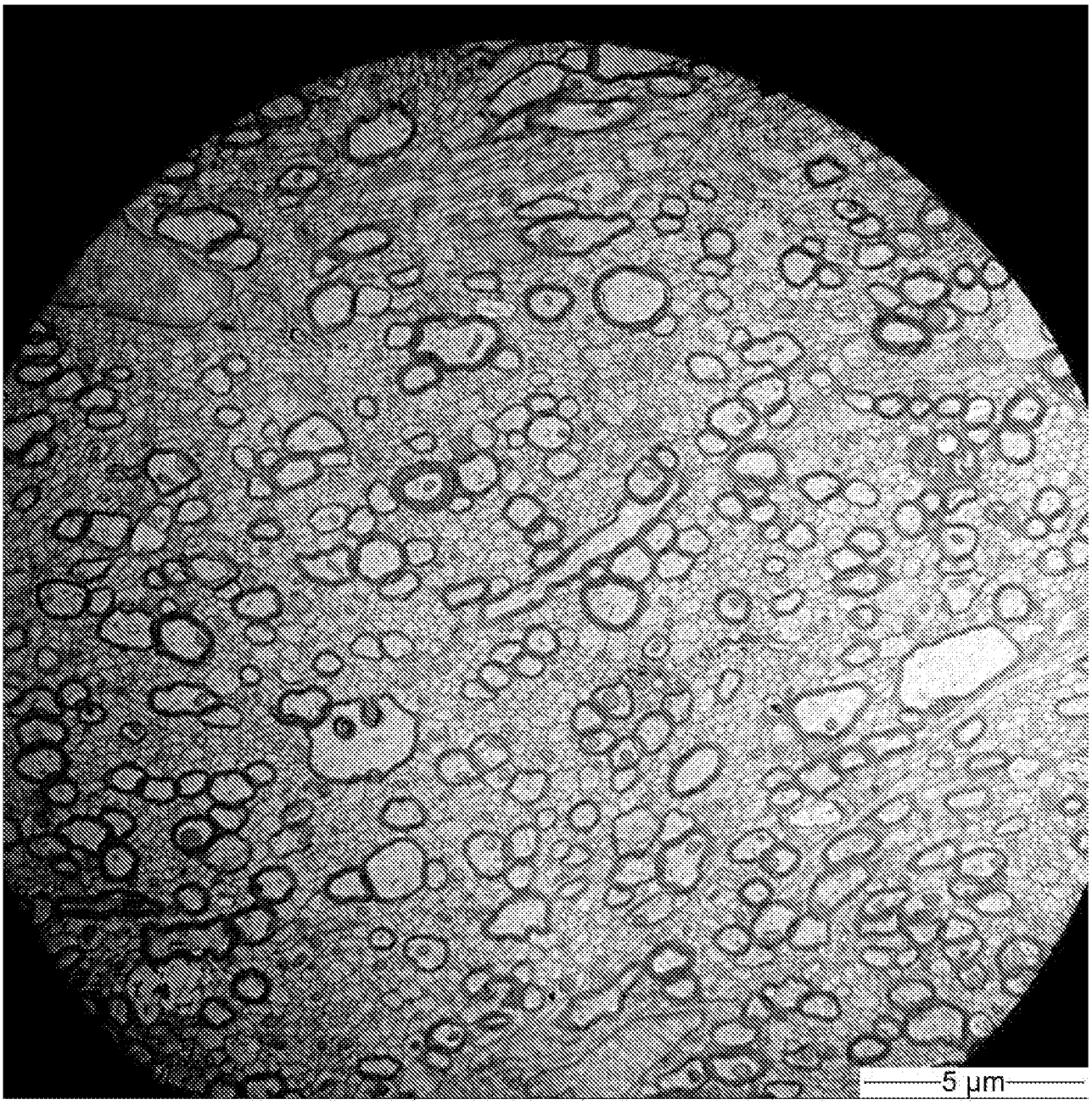


FIG. 25C

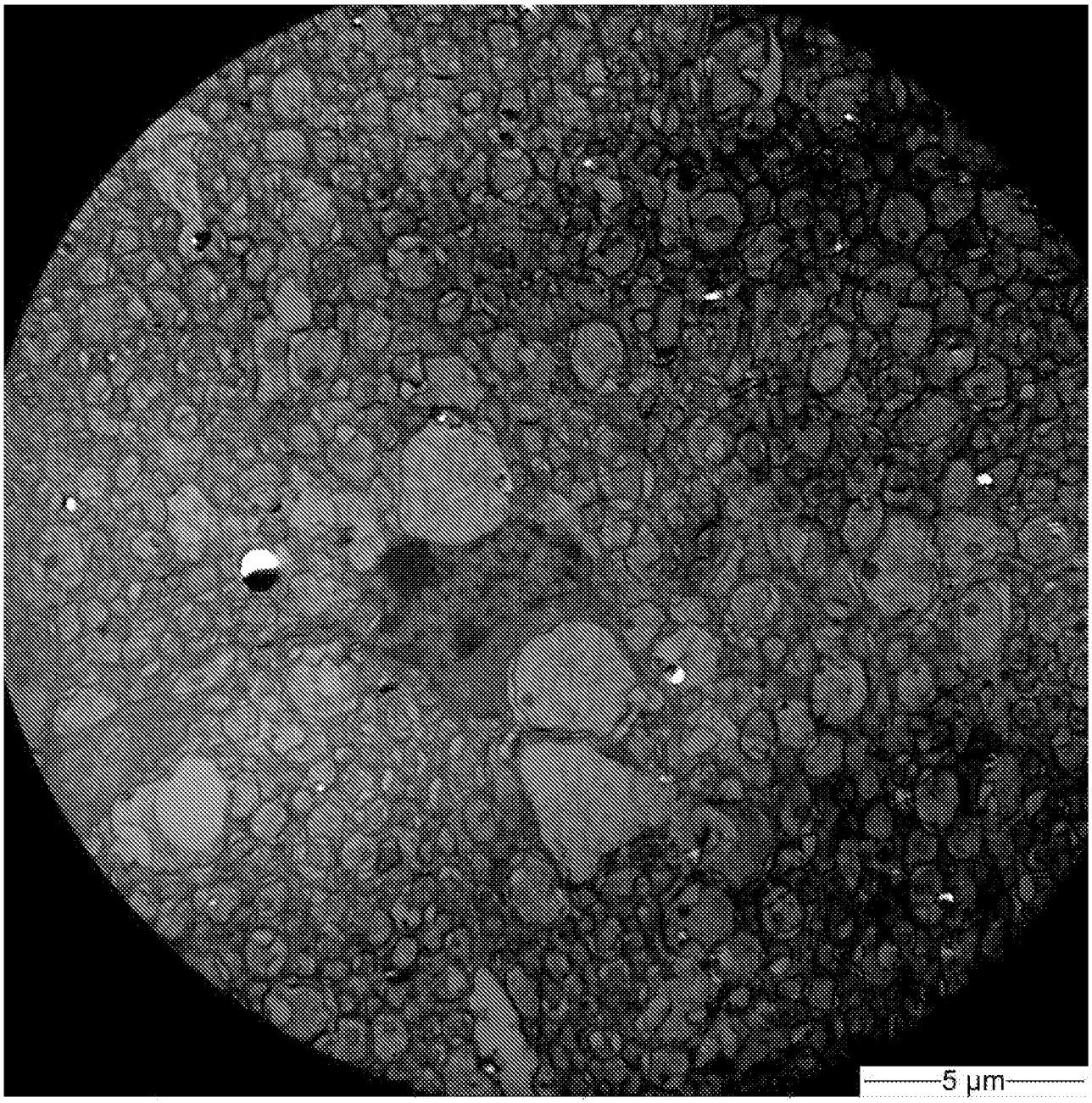


FIG. 25D

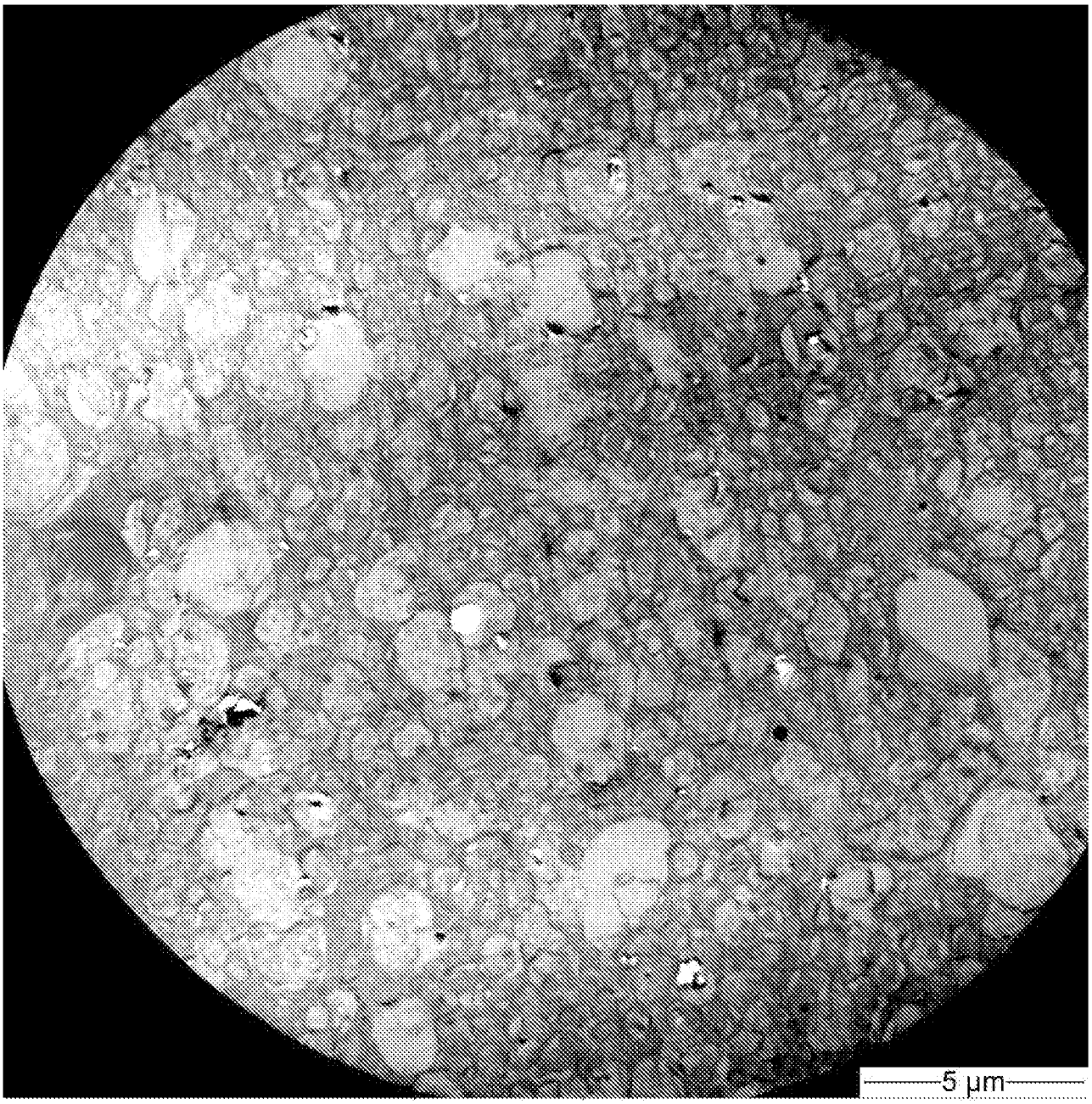


FIG. 25E

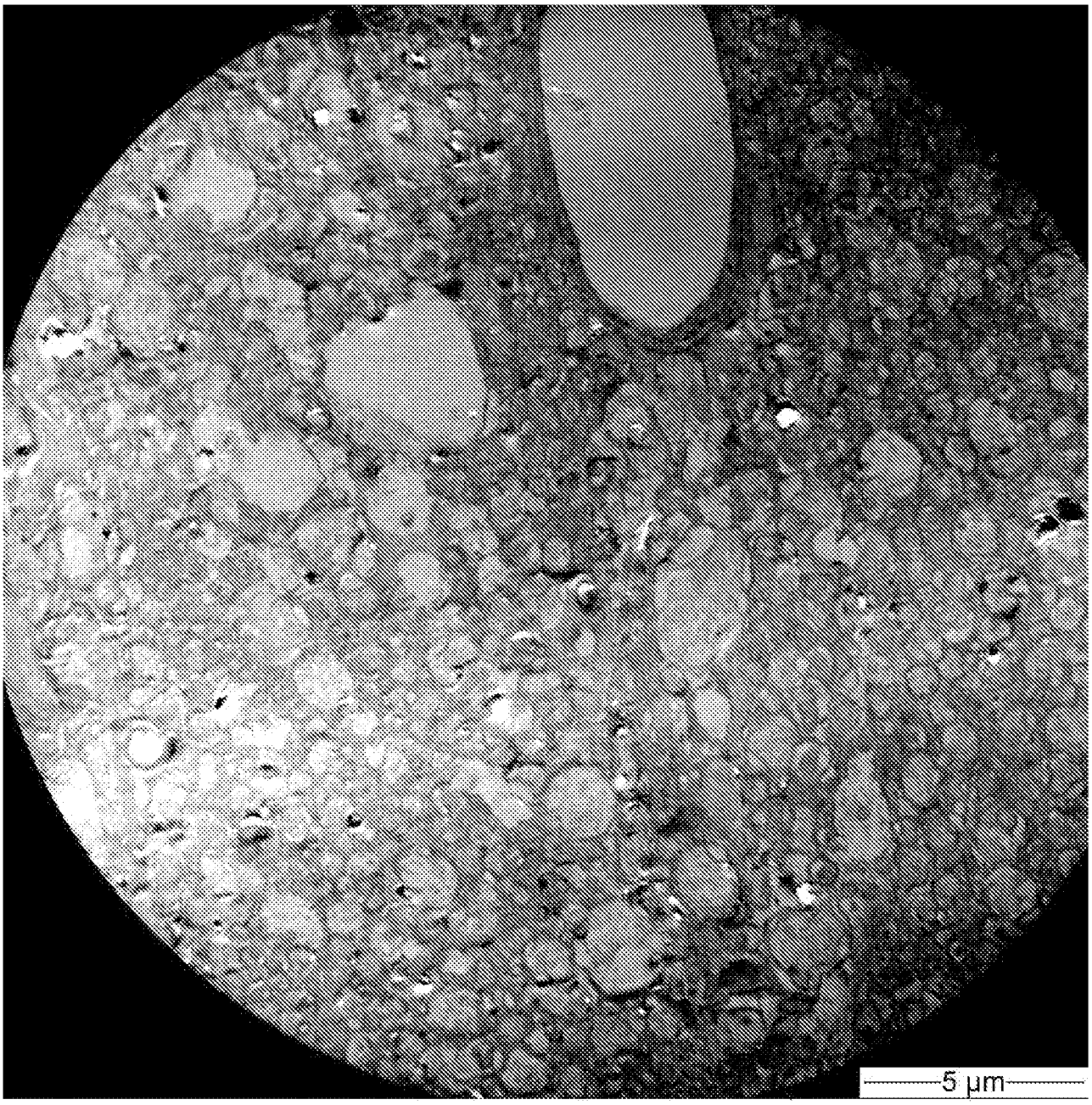


FIG. 25F

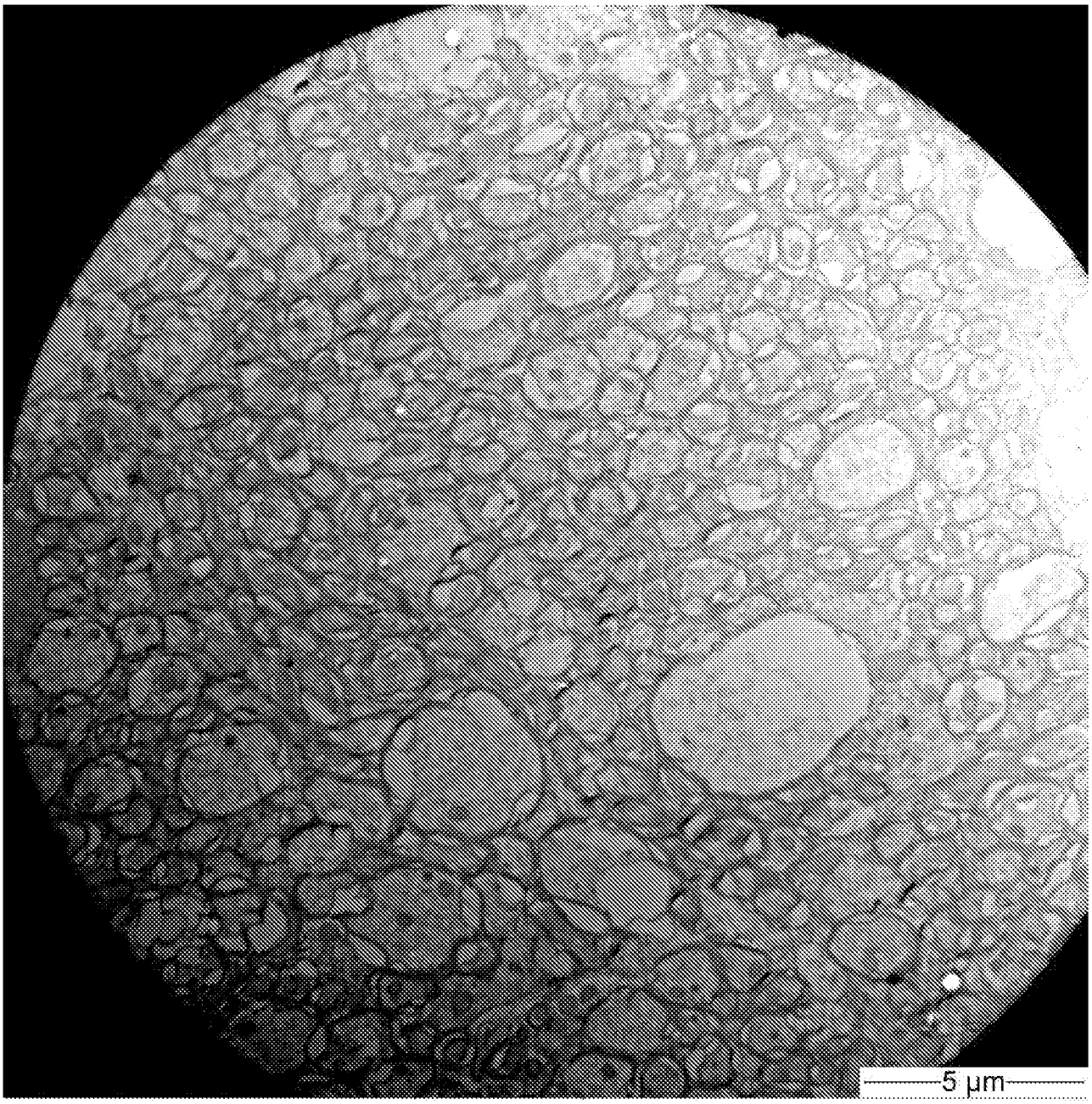


FIG. 25G

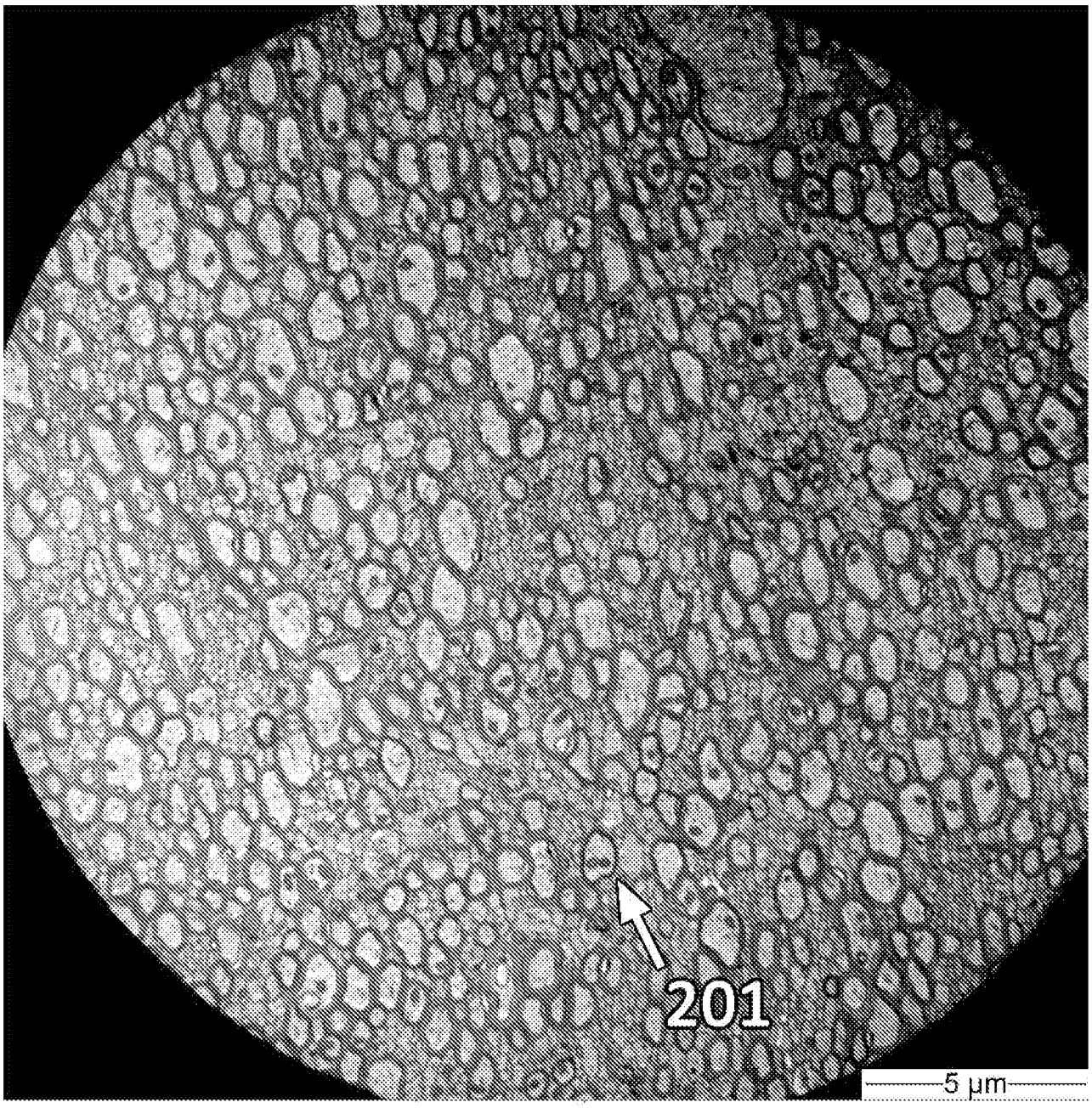


FIG. 26A

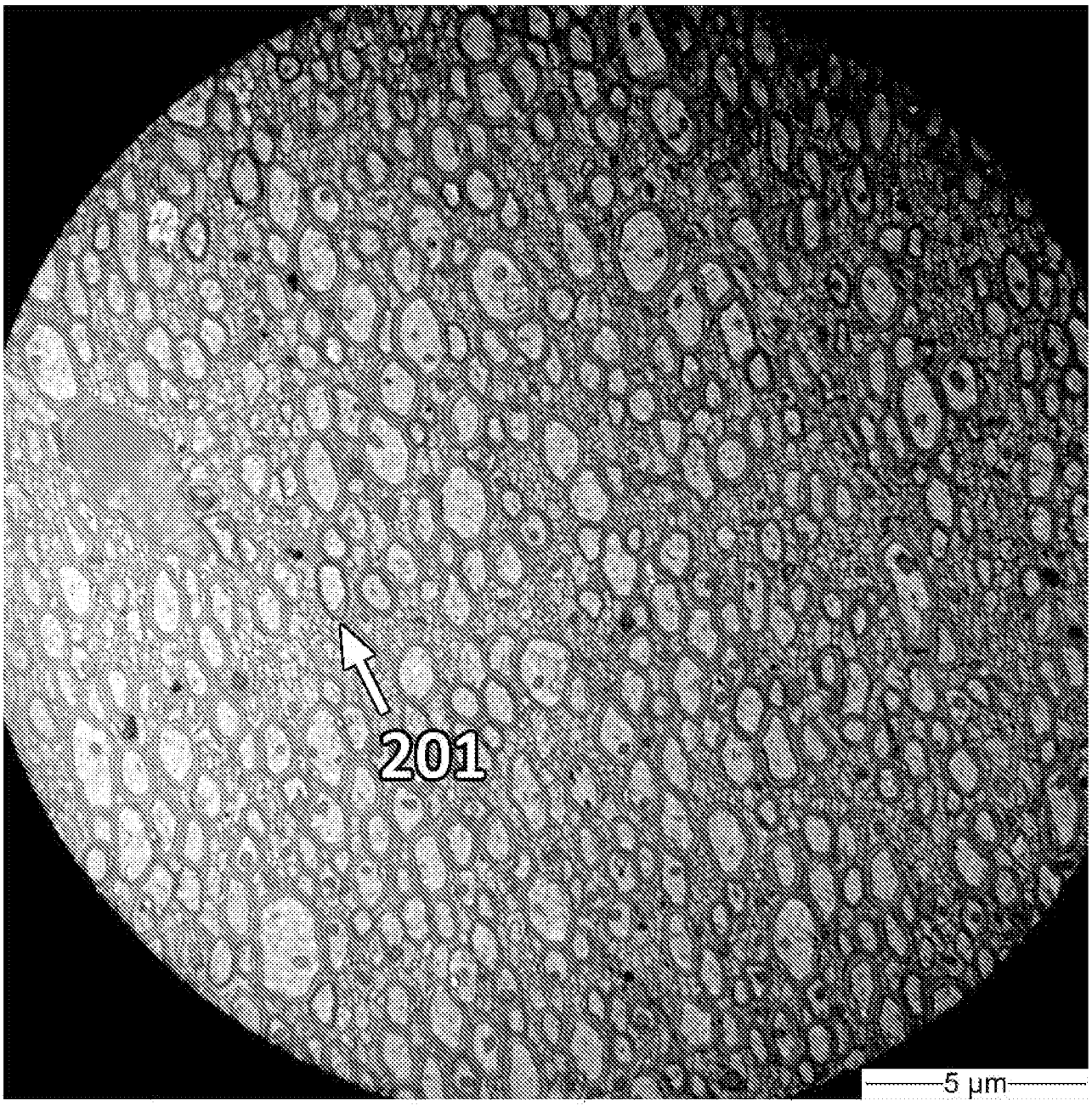


FIG. 26B

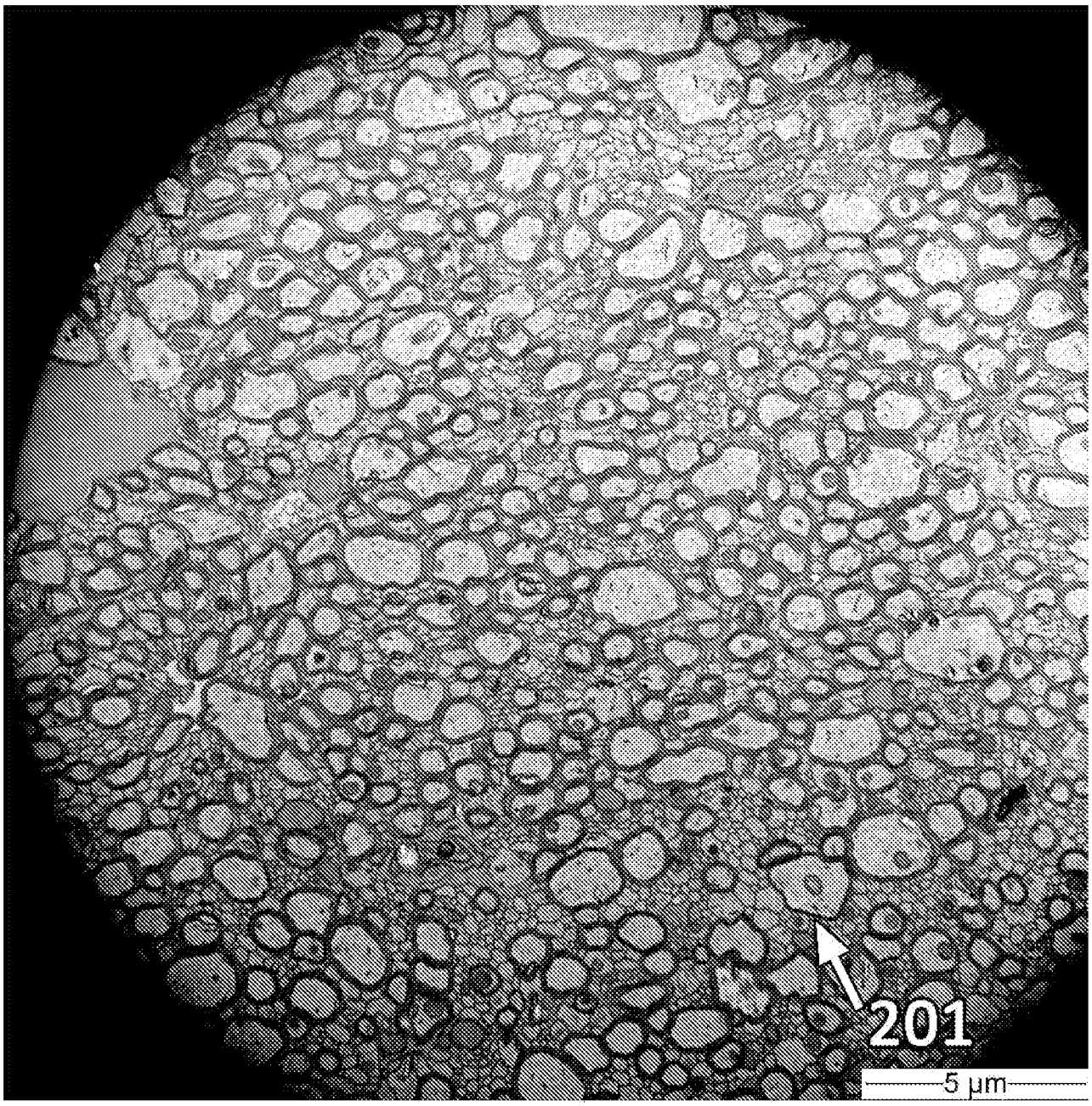


FIG. 26C

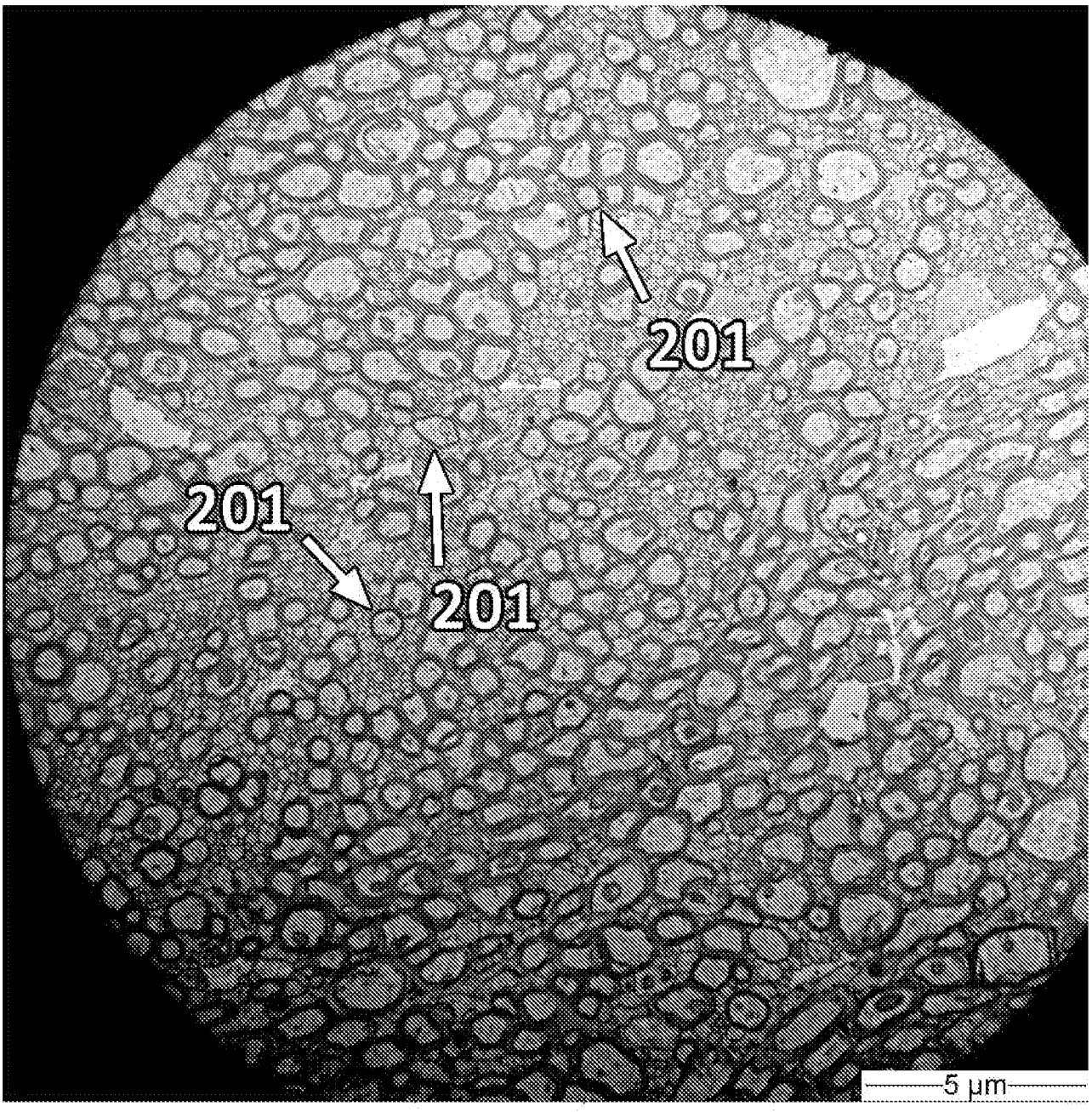


FIG. 26D

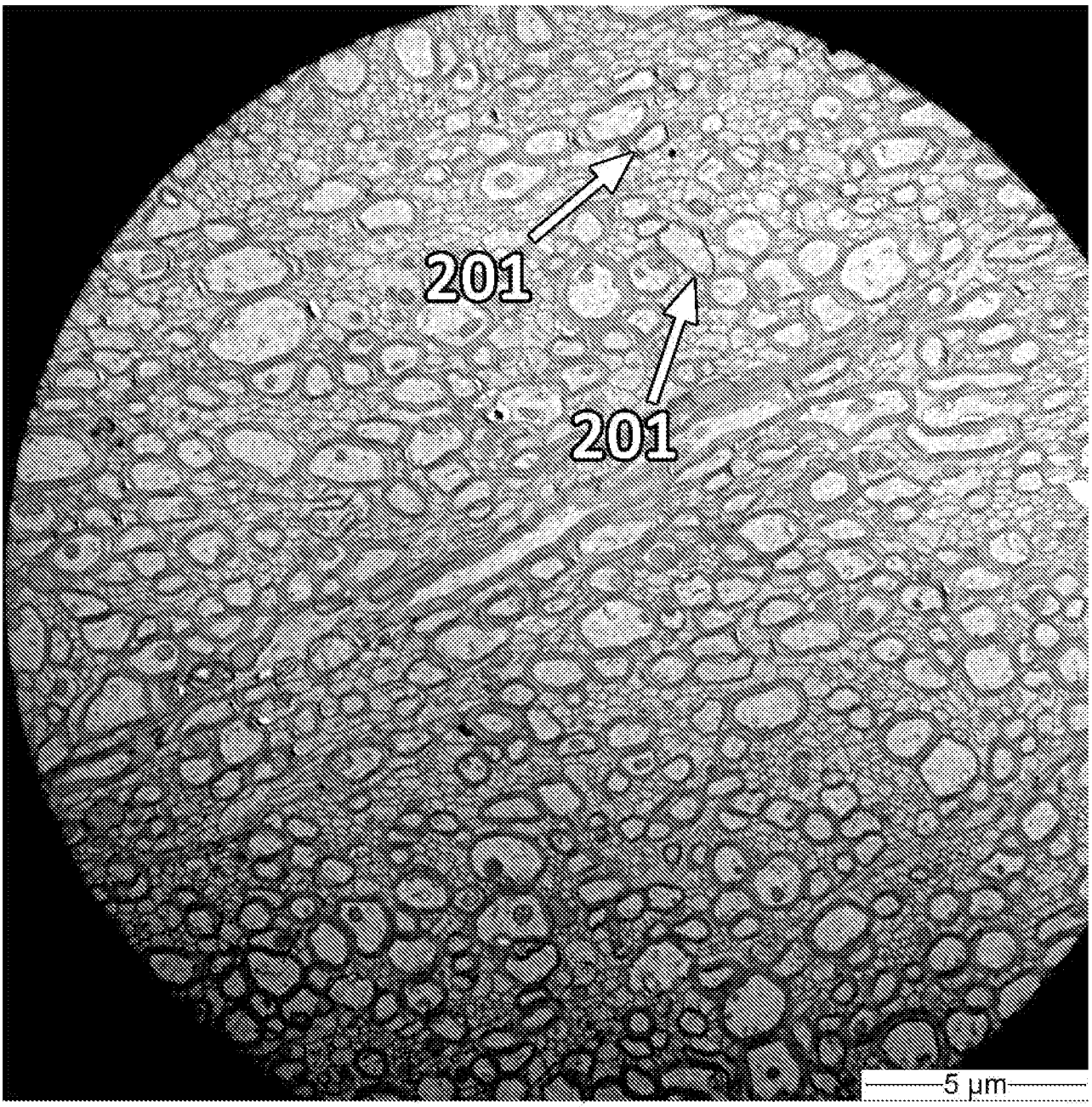


FIG. 26E

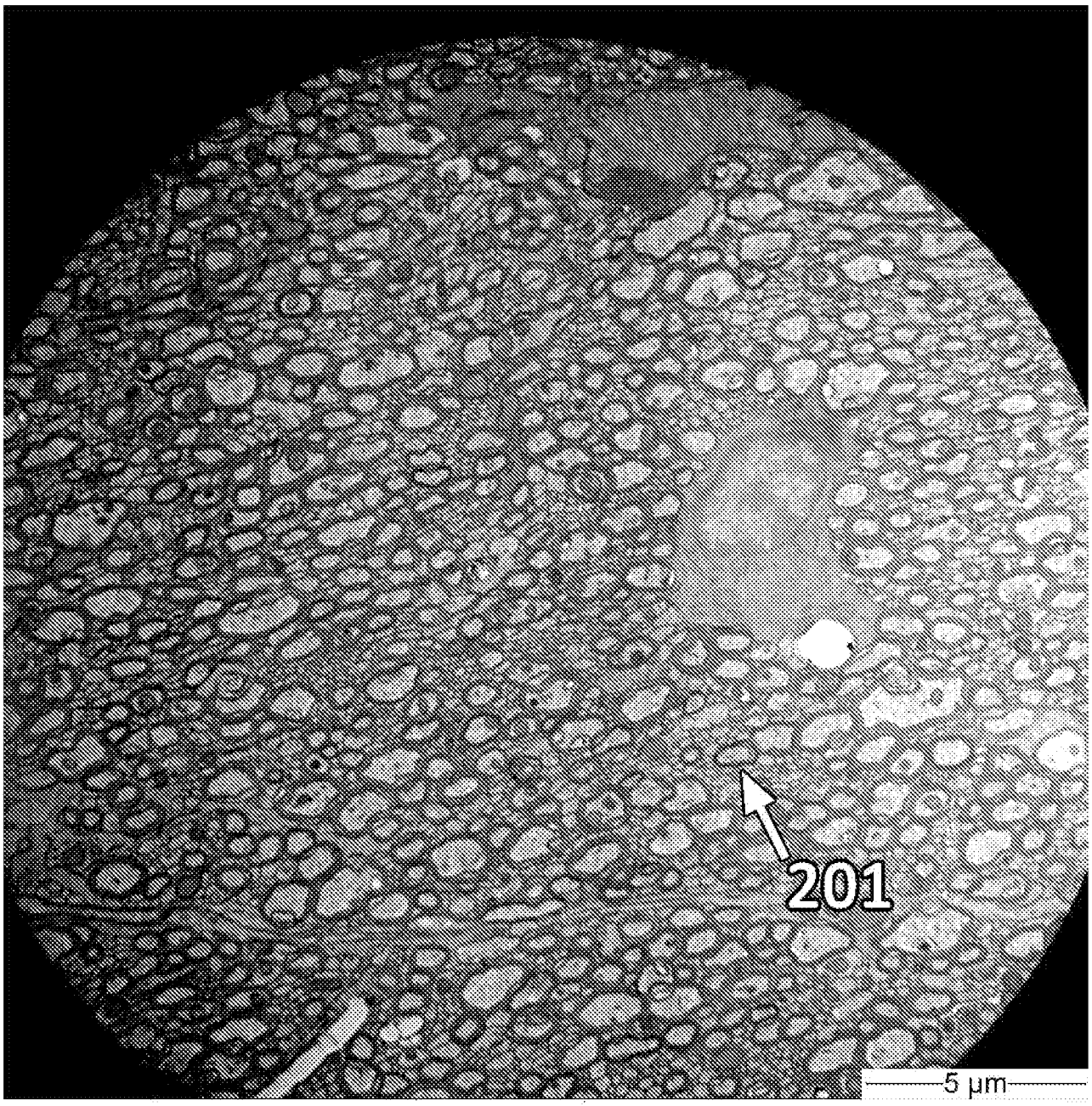


FIG. 27A

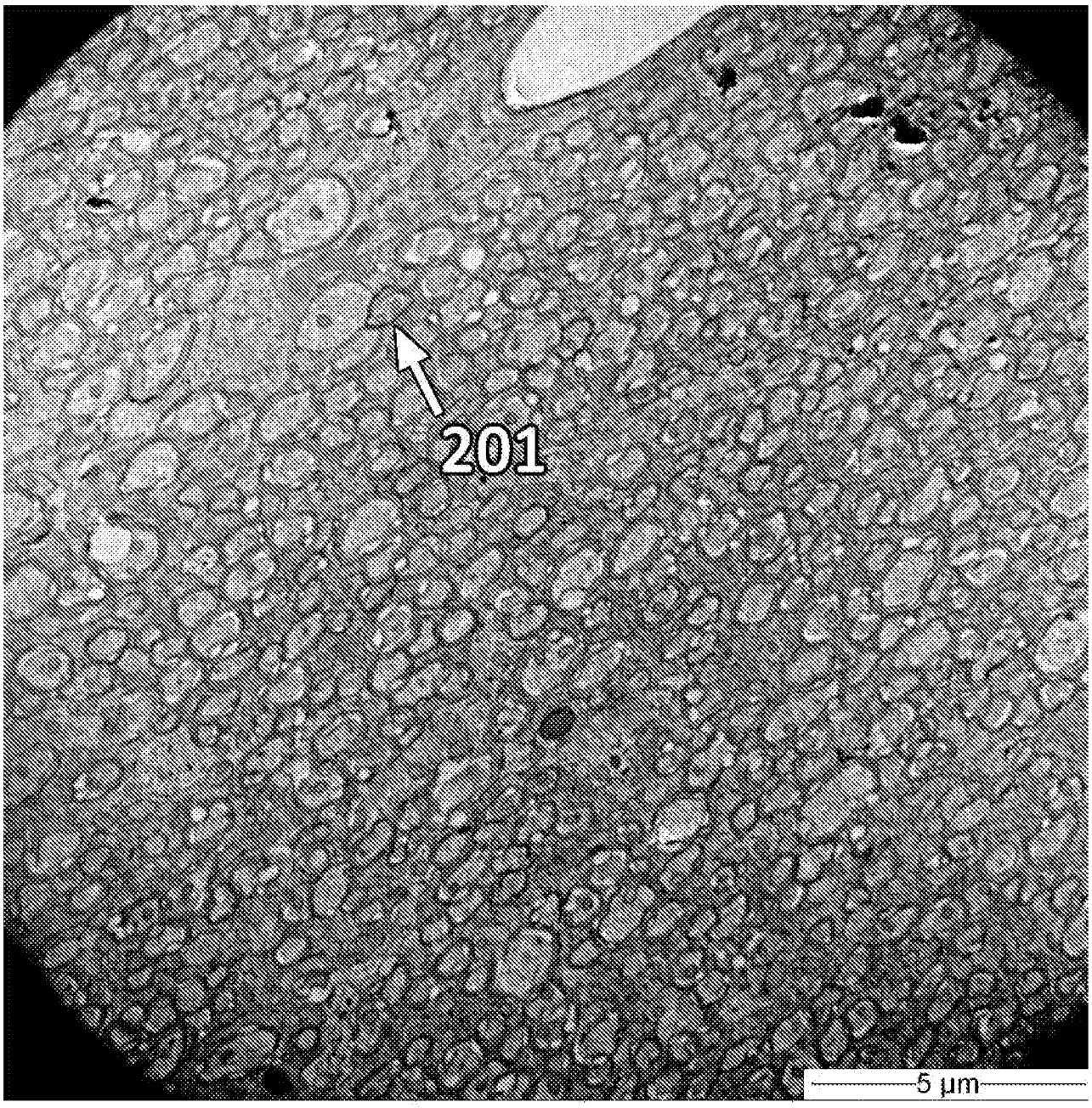


FIG. 27B

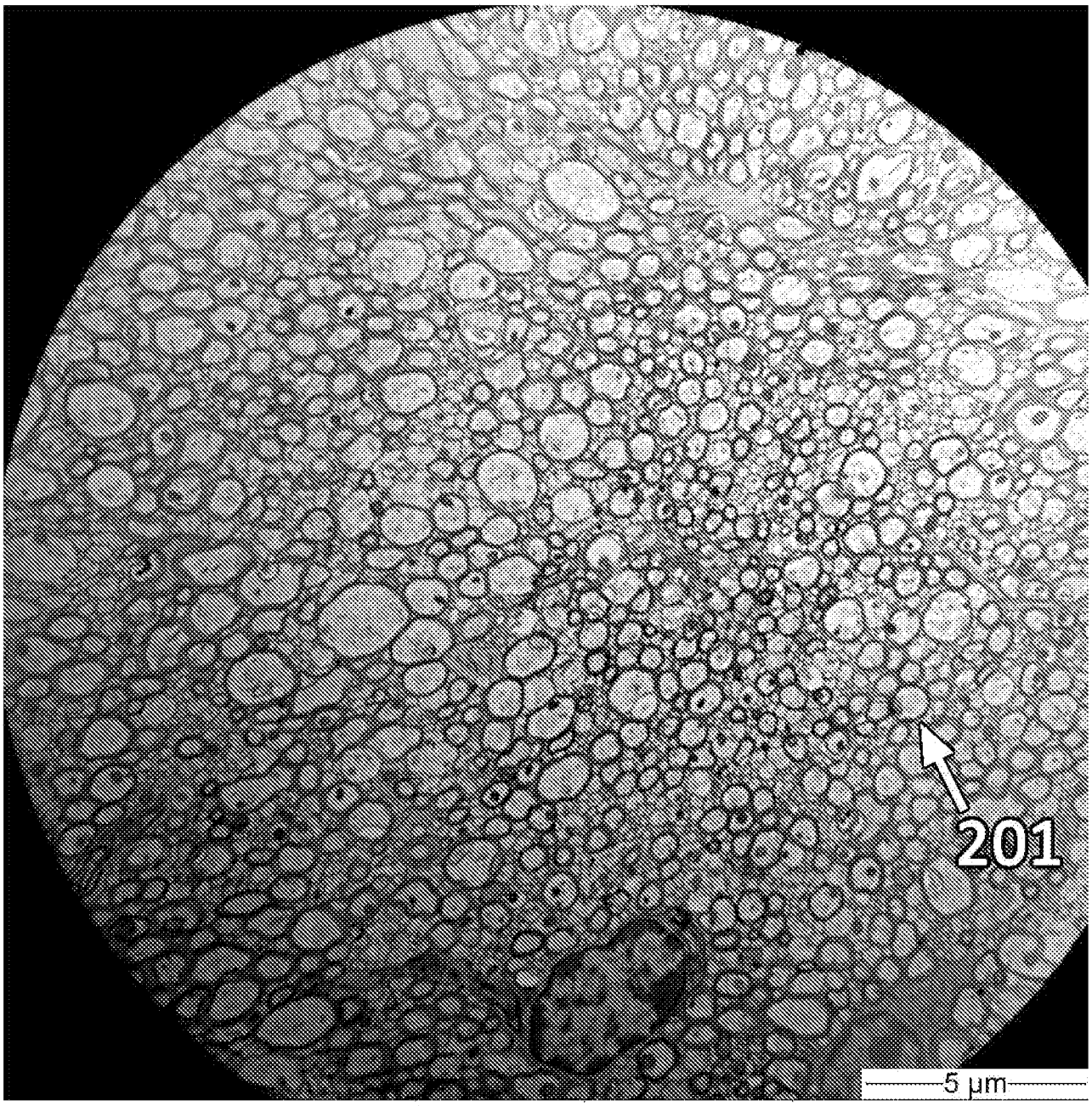


FIG. 27C

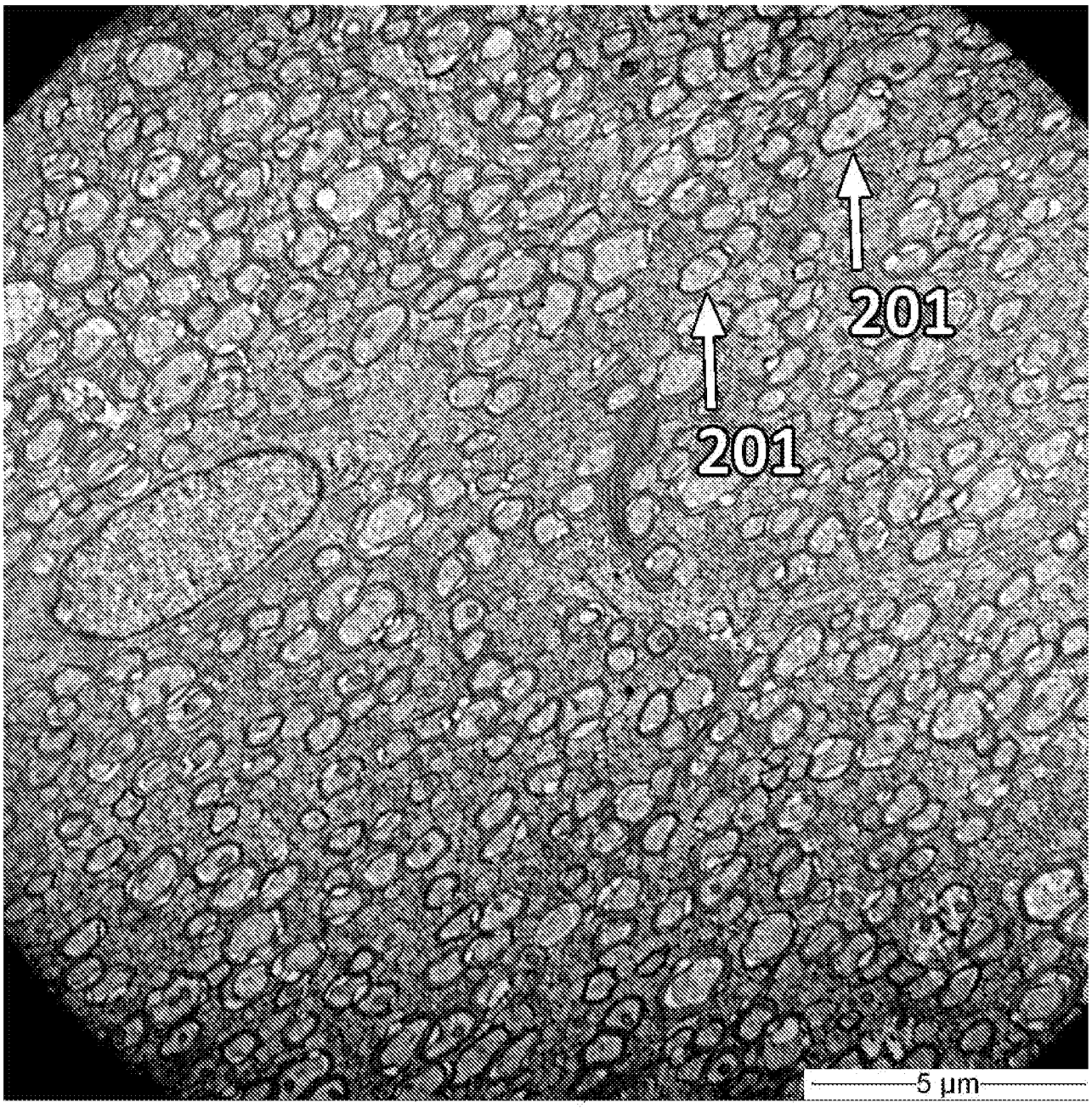


FIG. 27D

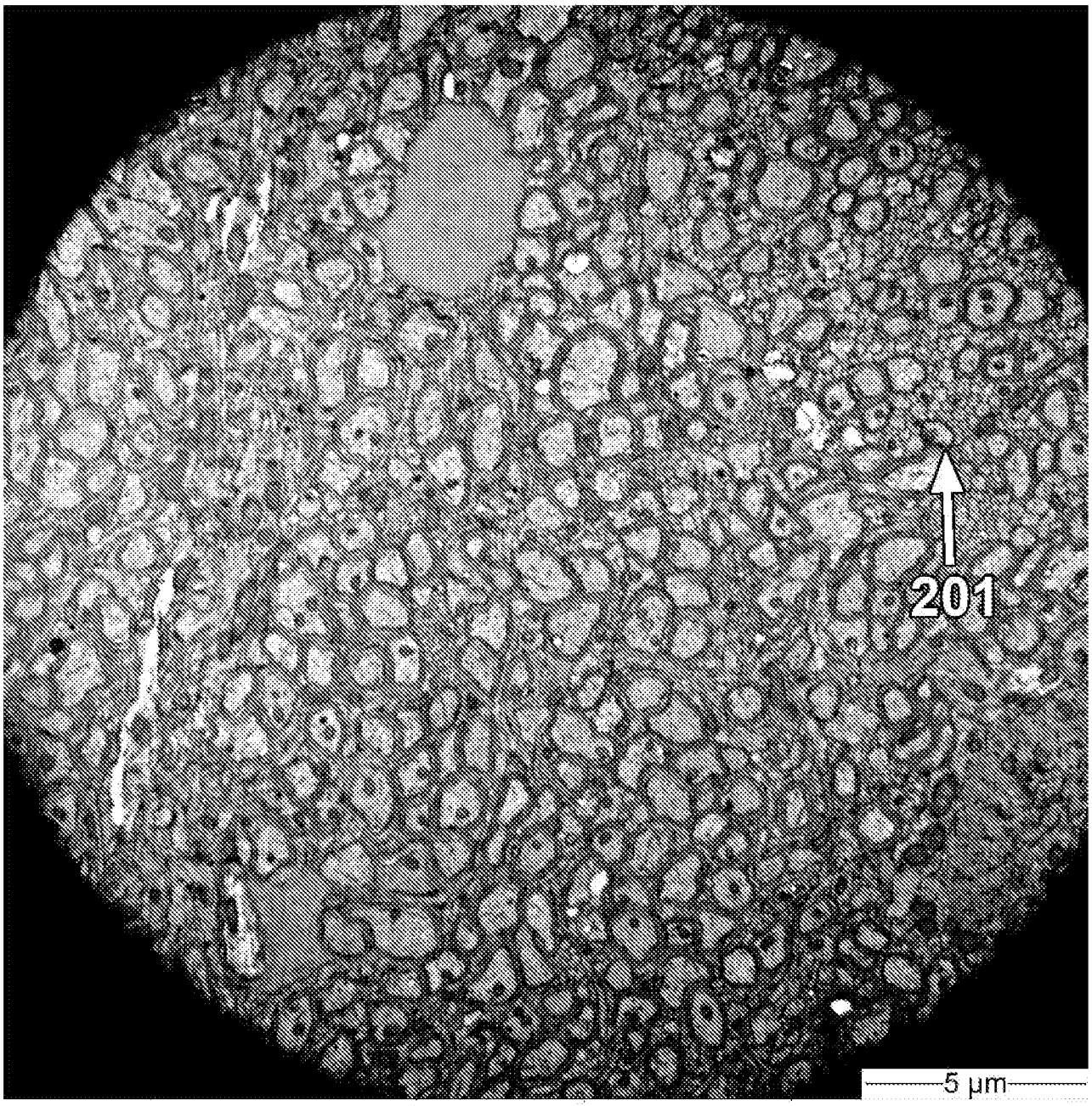


FIG. 28A

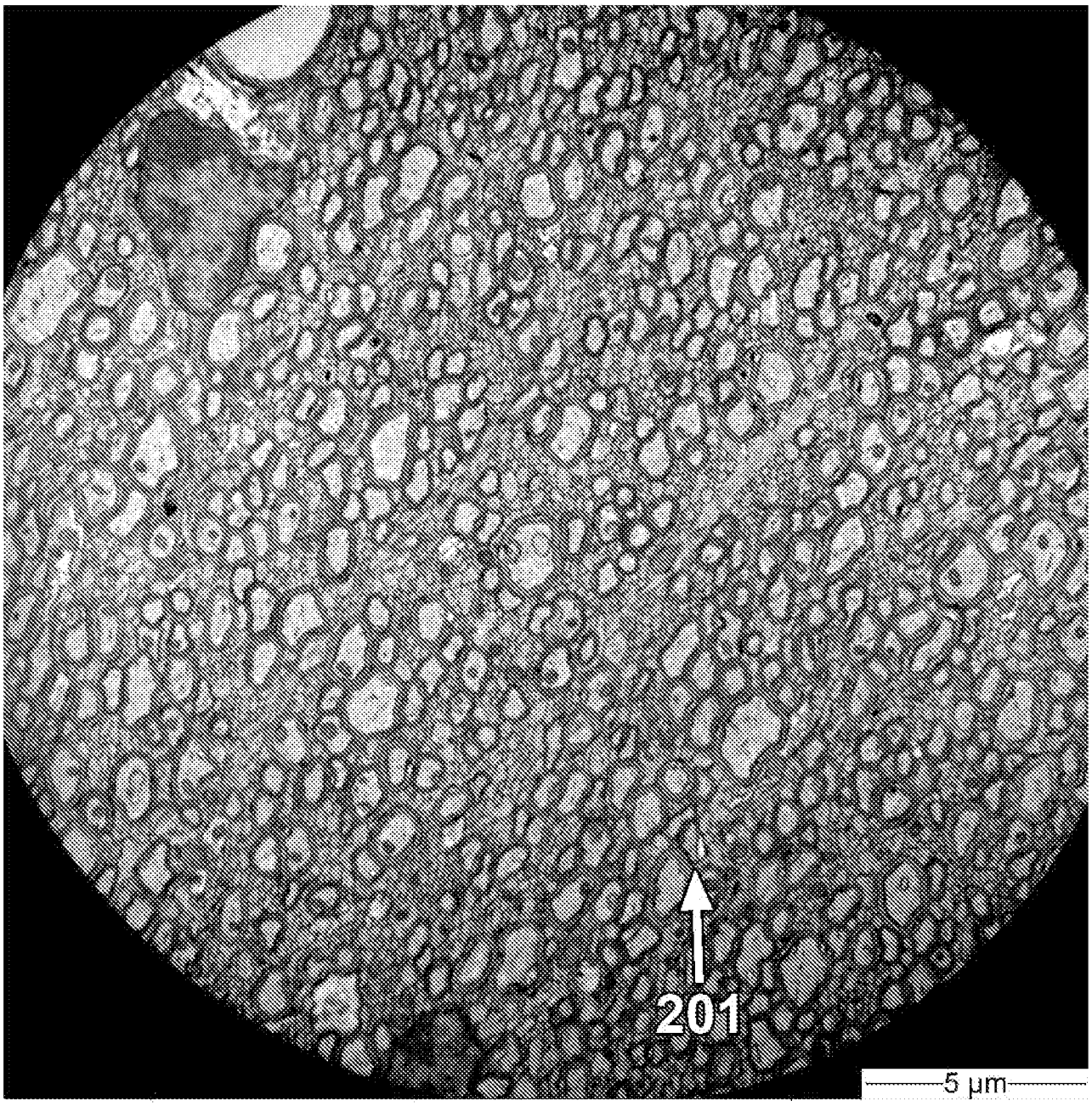


FIG. 28B

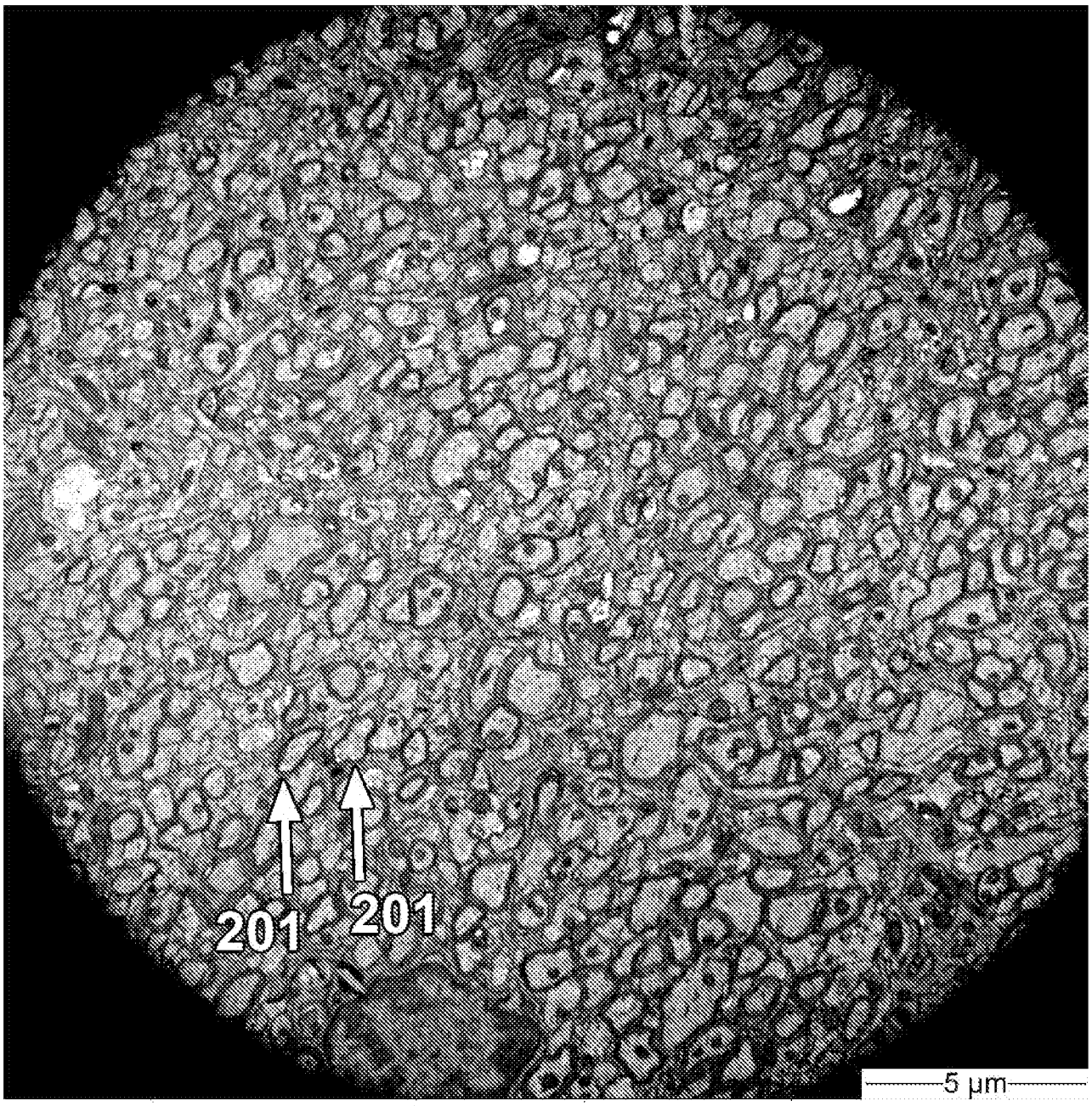


FIG. 28C

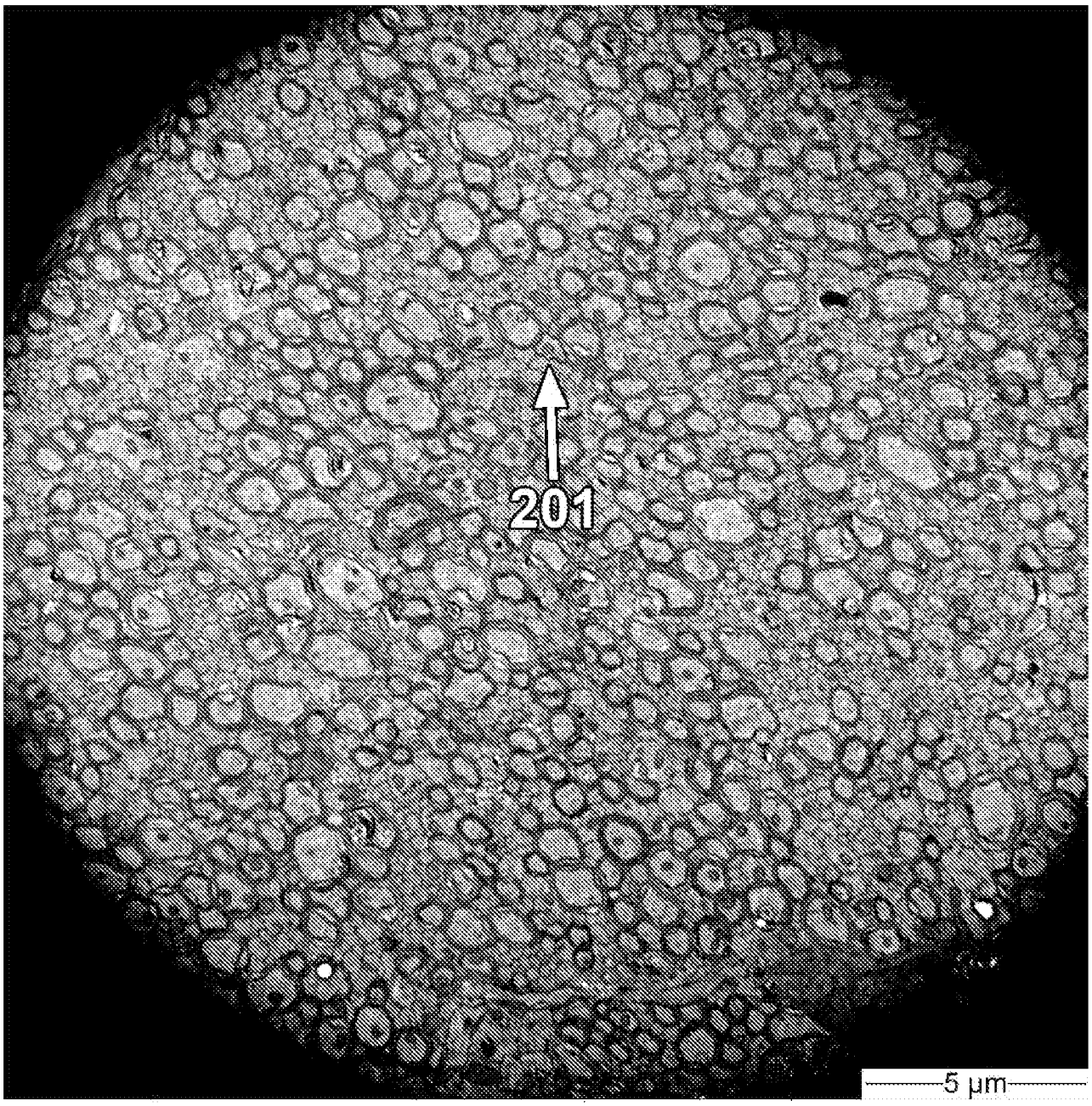


FIG. 28D

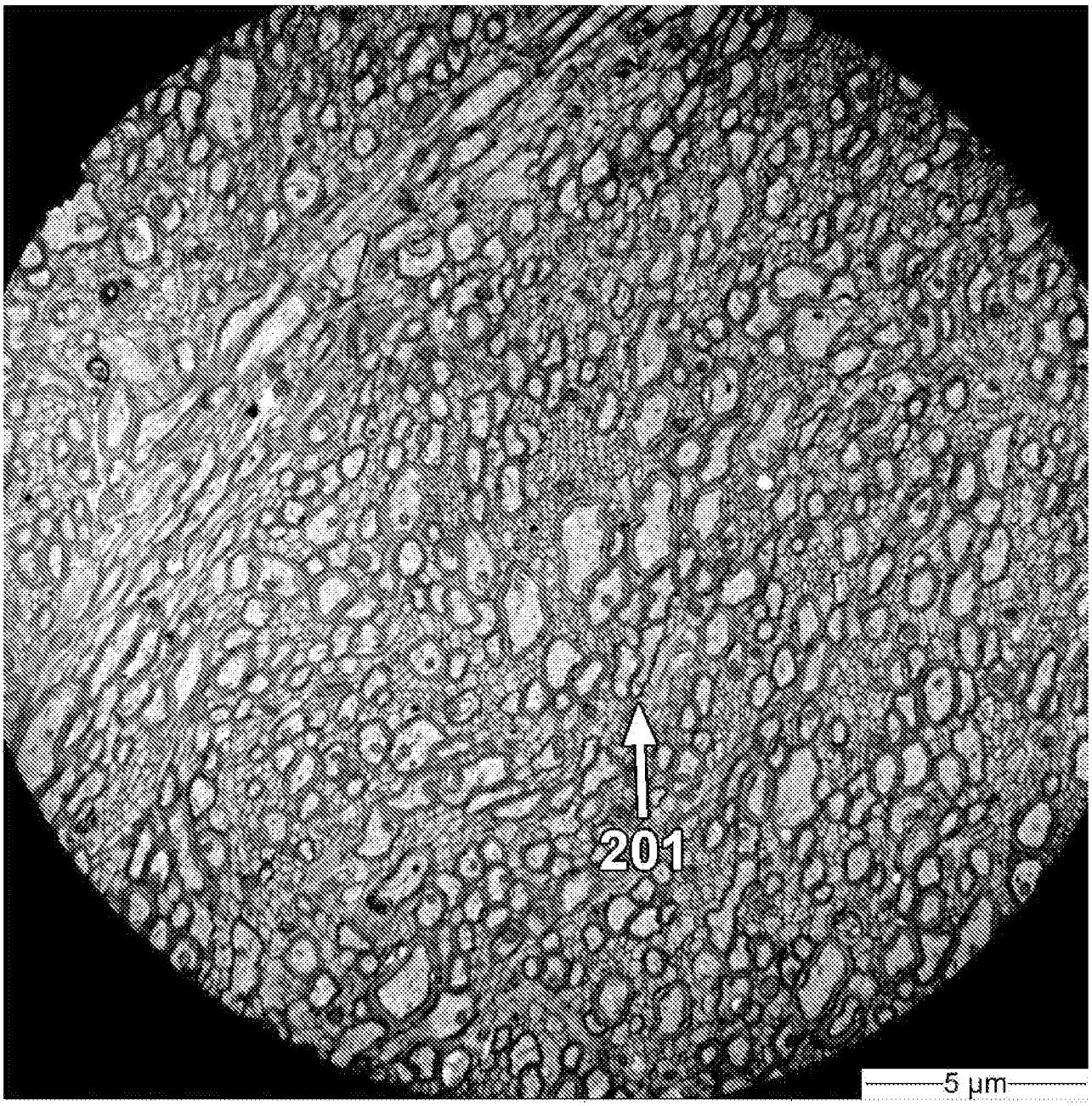


FIG. 28E

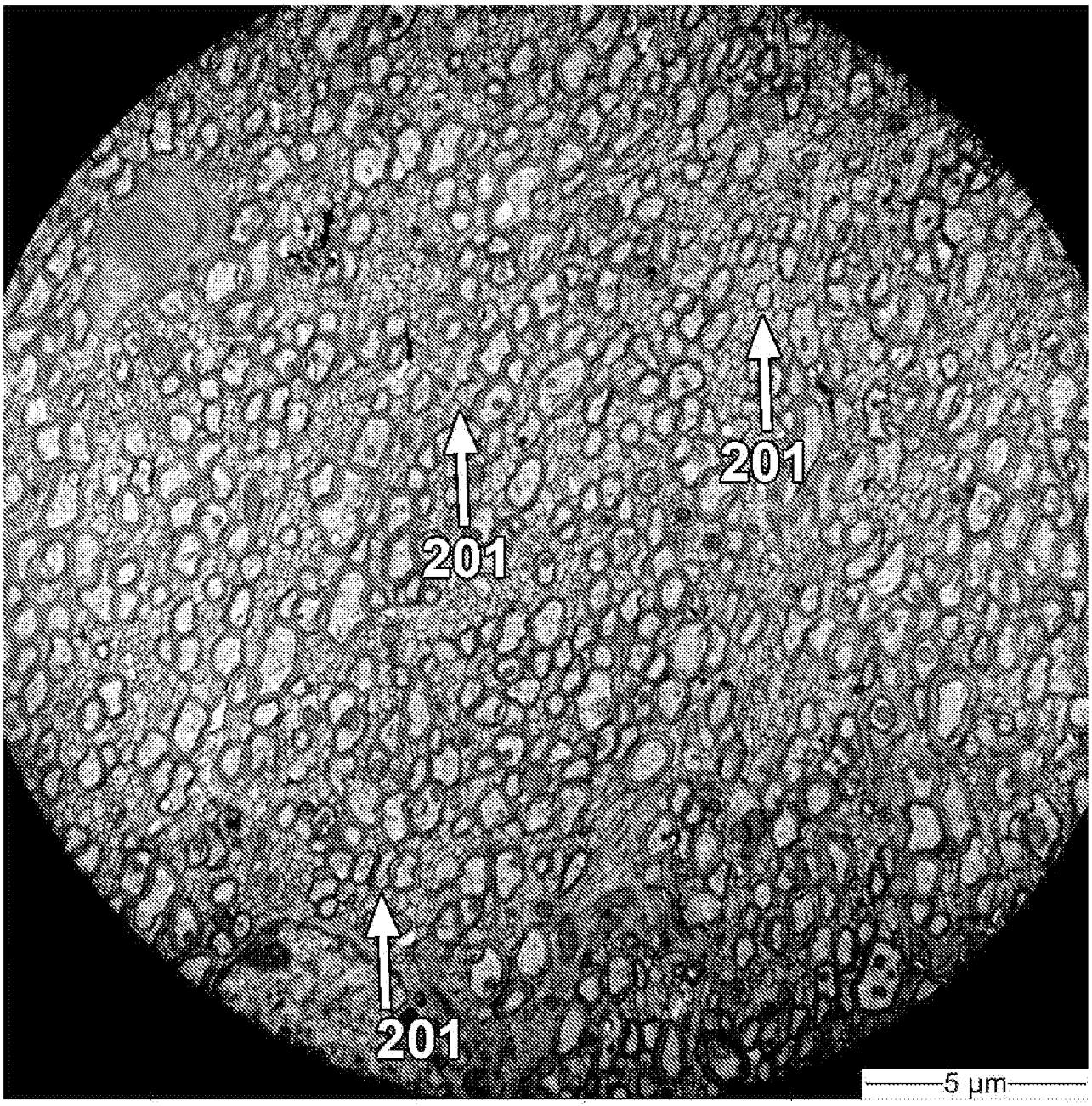


FIG. 28F

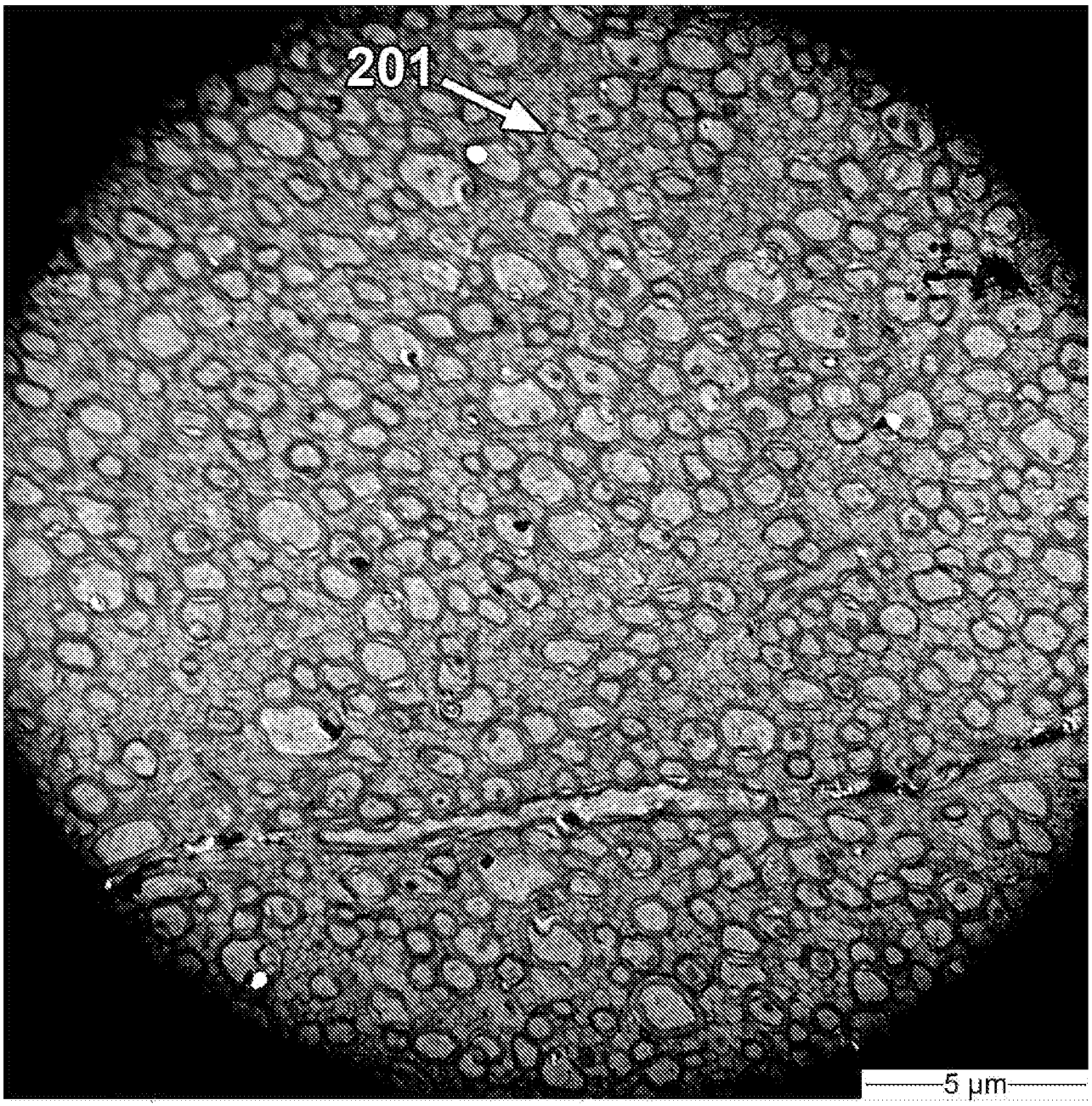


FIG. 28G

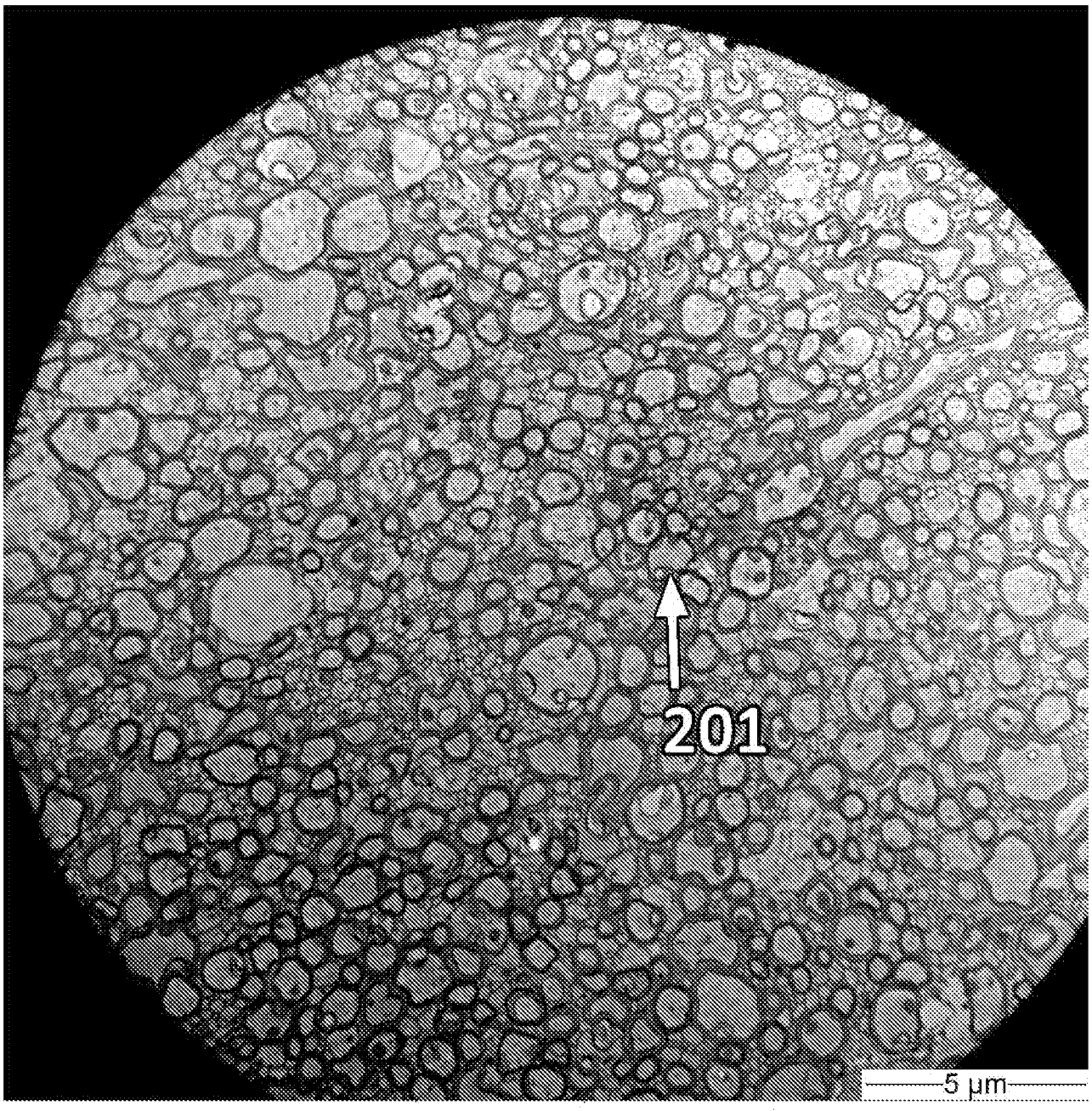


FIG. 29A

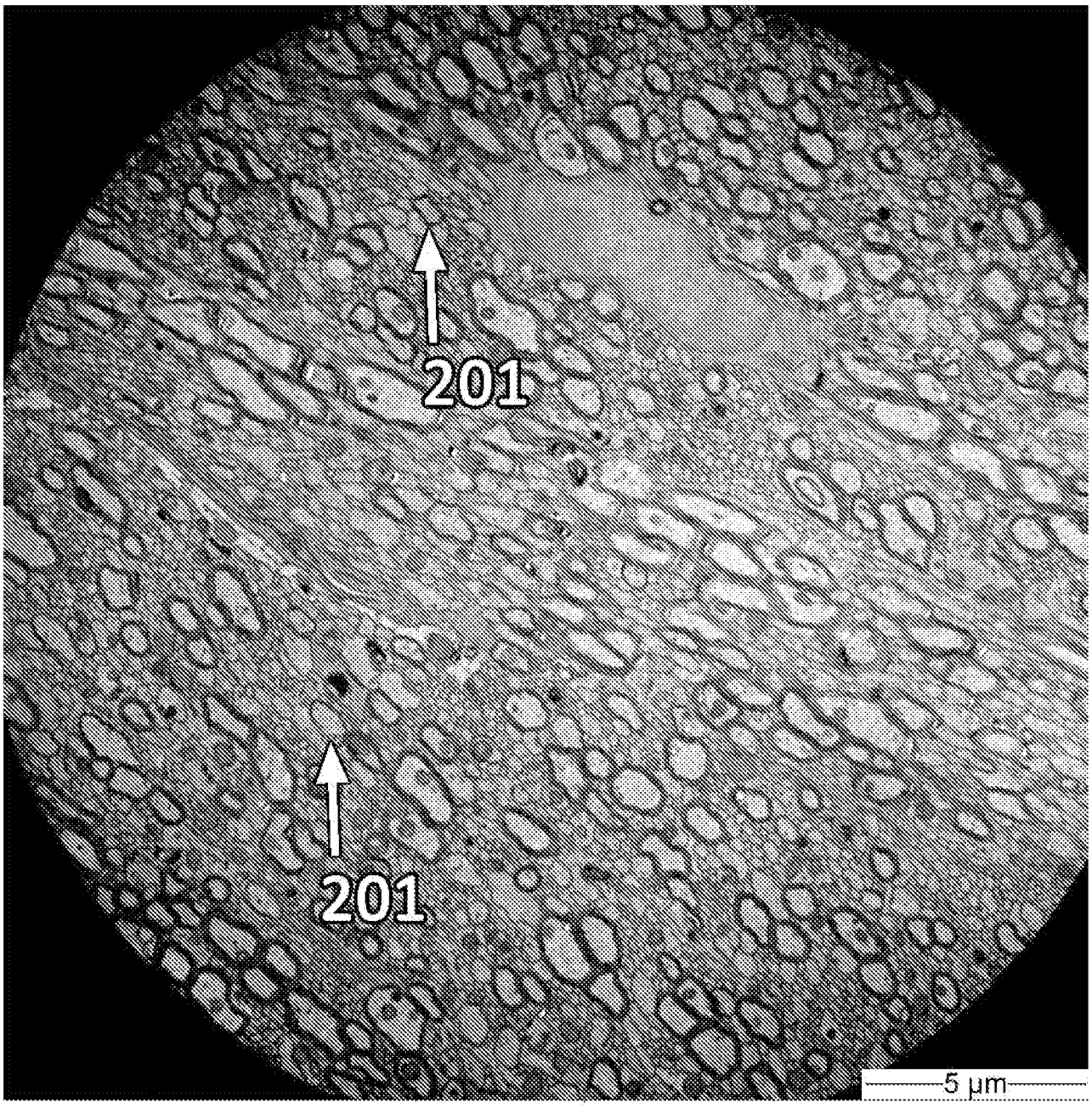


FIG. 29B

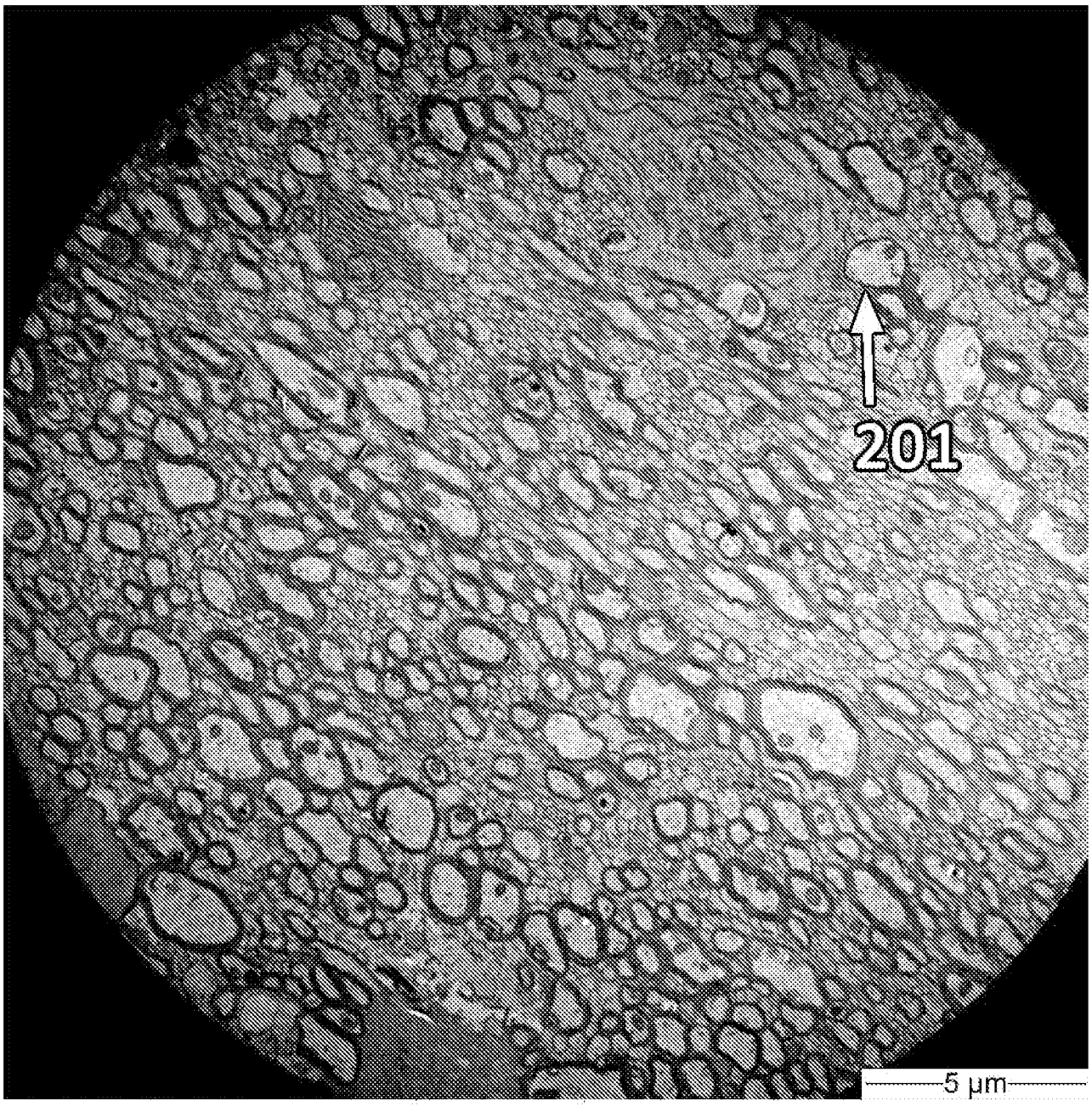


FIG. 29C

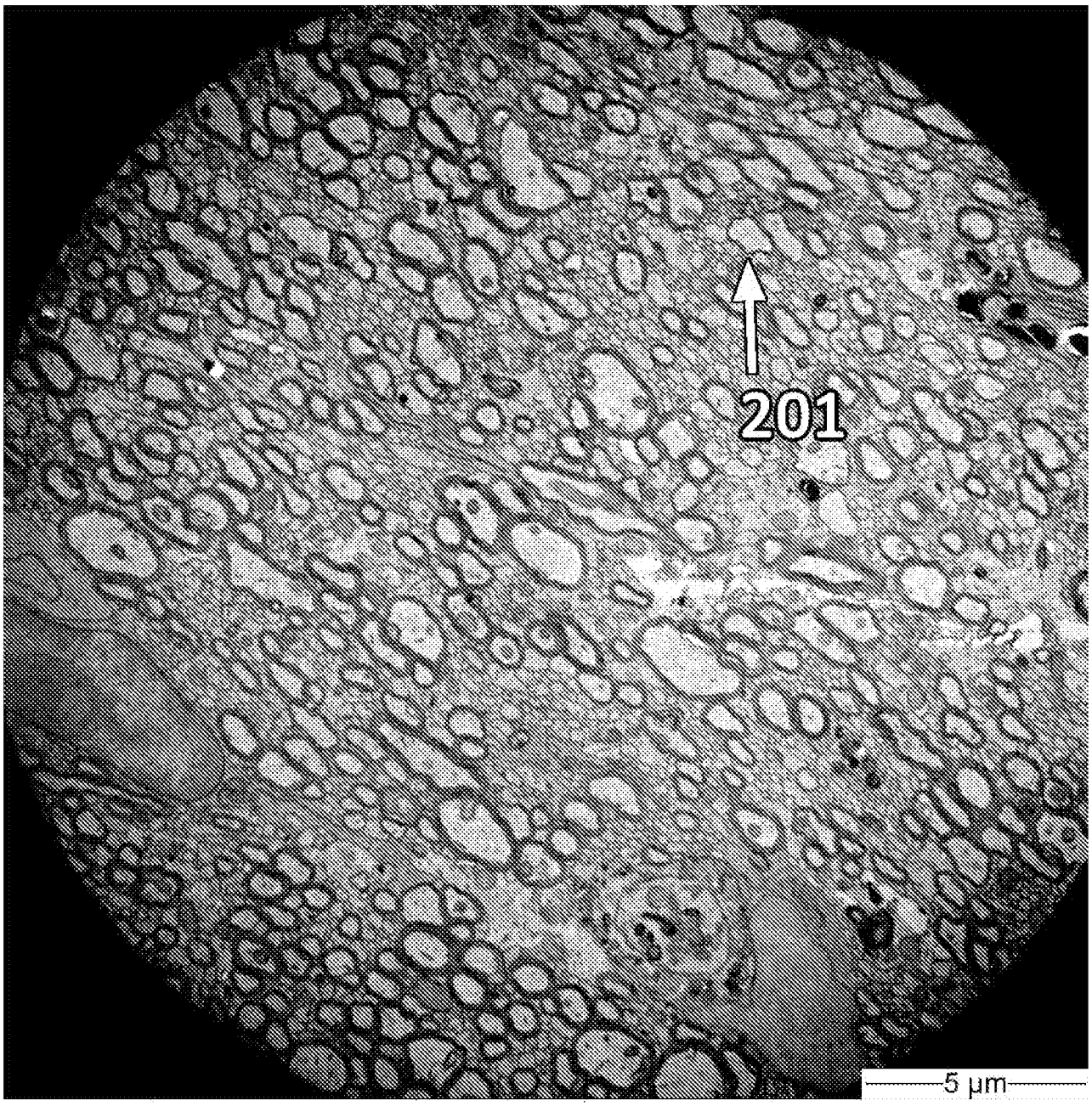


FIG. 29D

FIG. 3OA

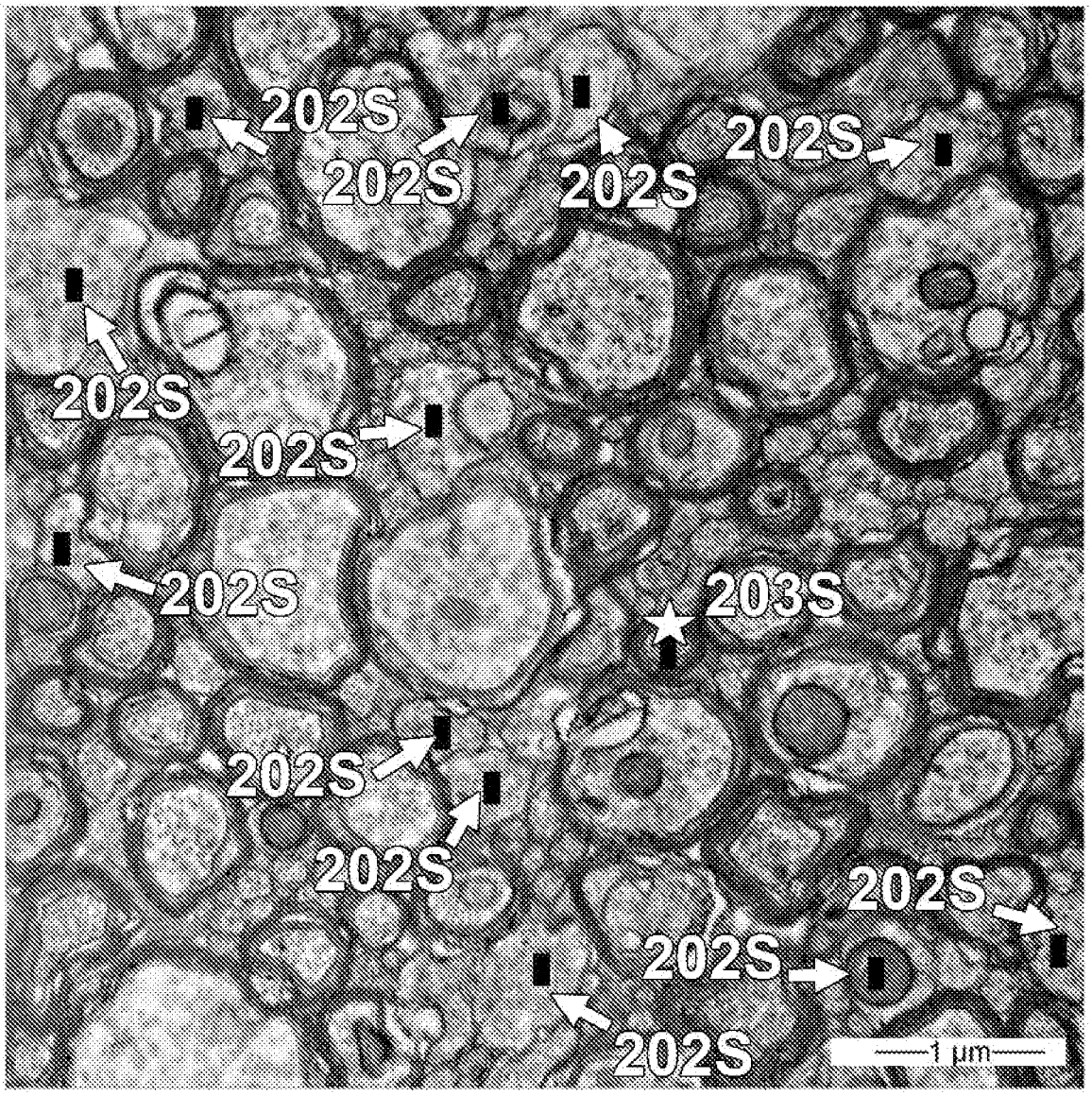

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FIG. 3OB

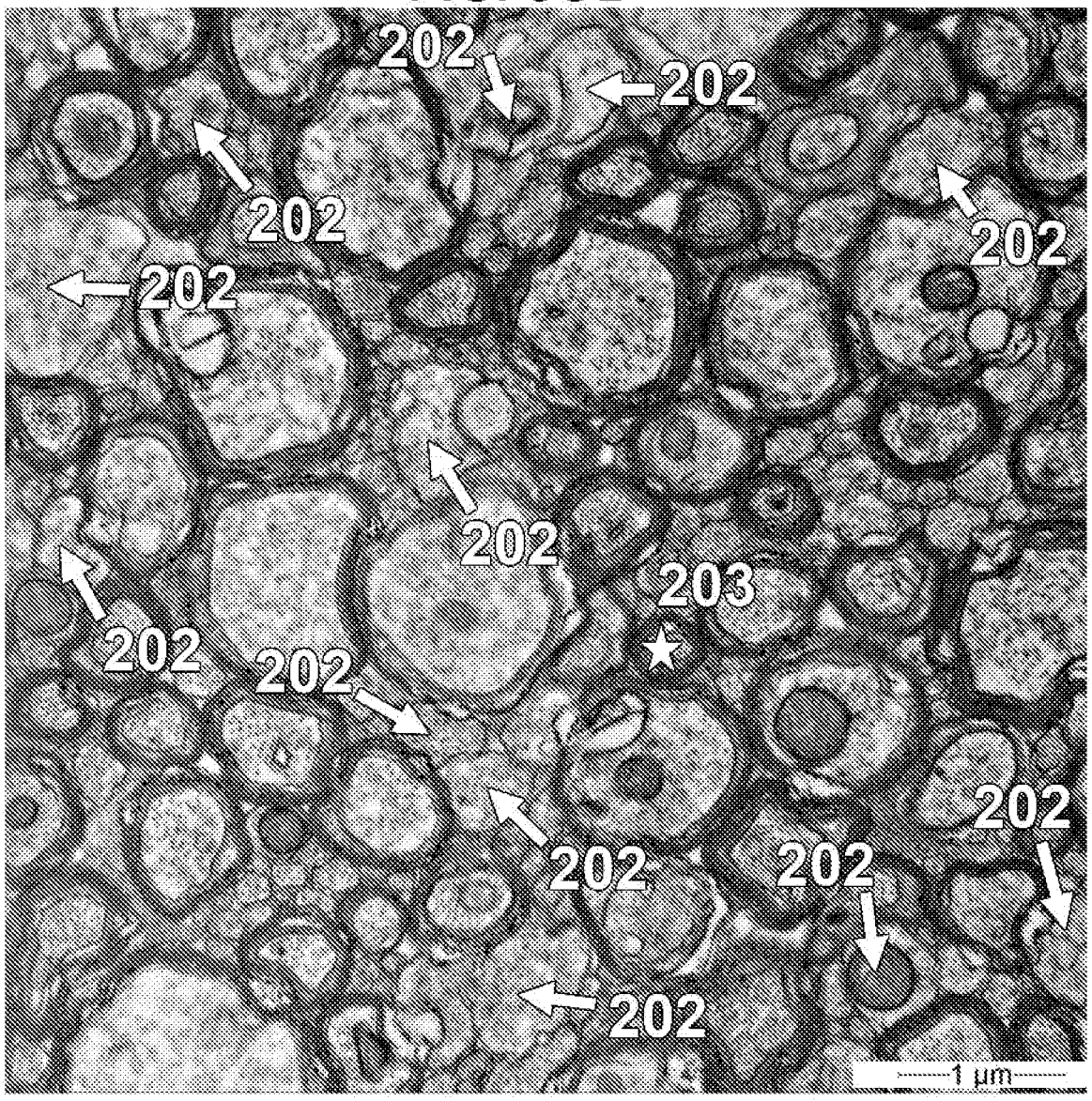


FIG. 3OC

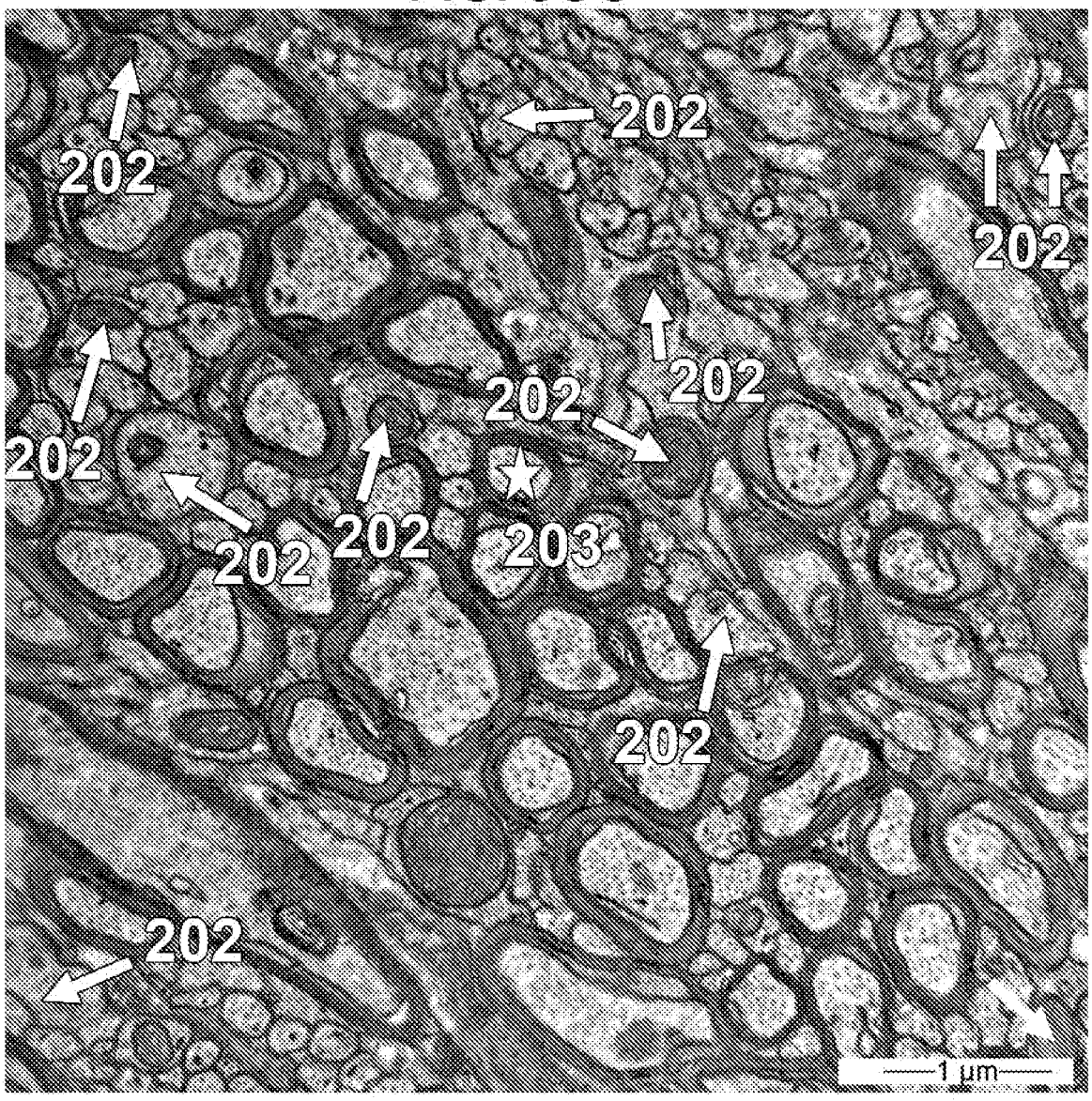


FIG. 31A

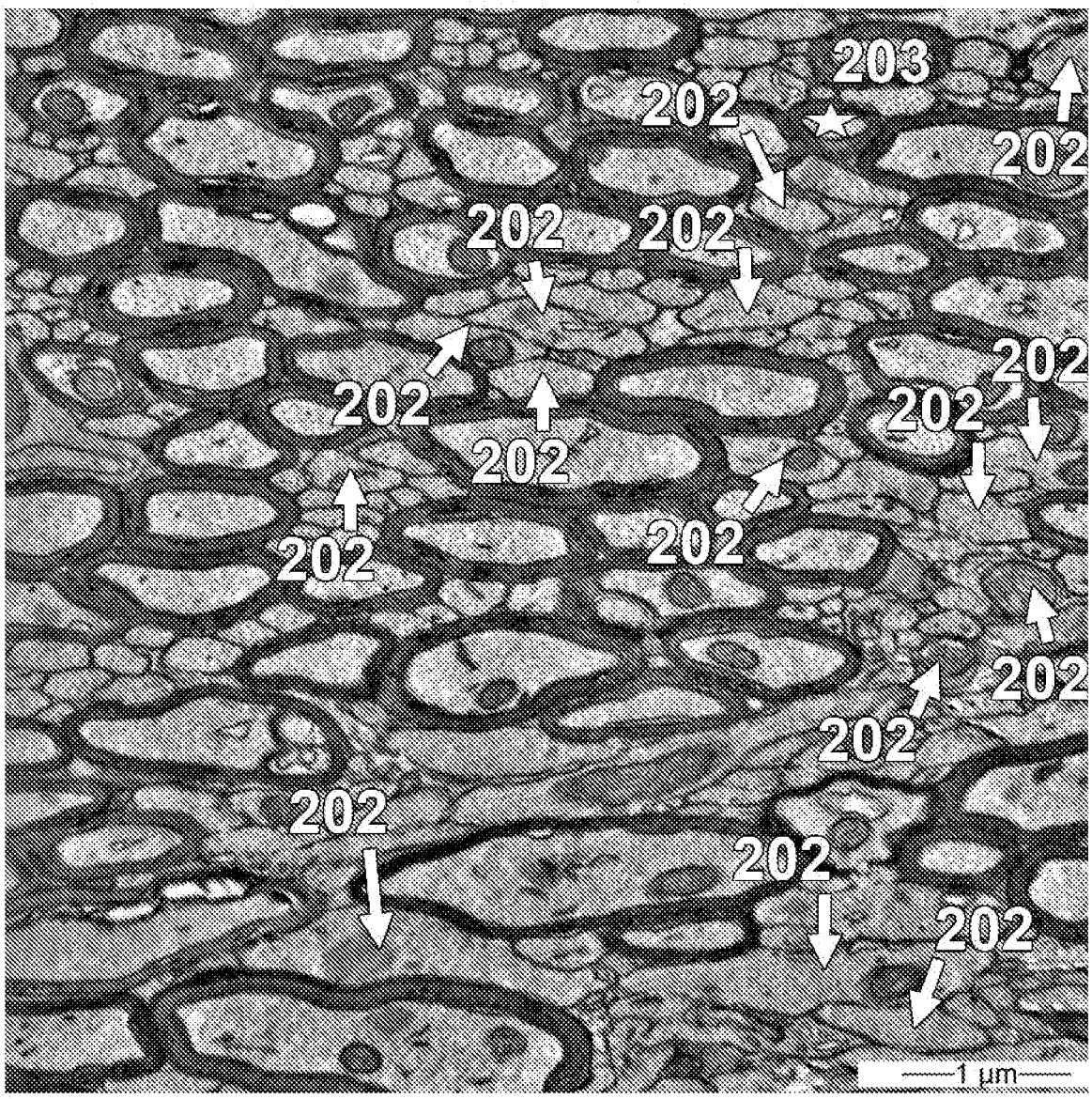

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FIG. 31B

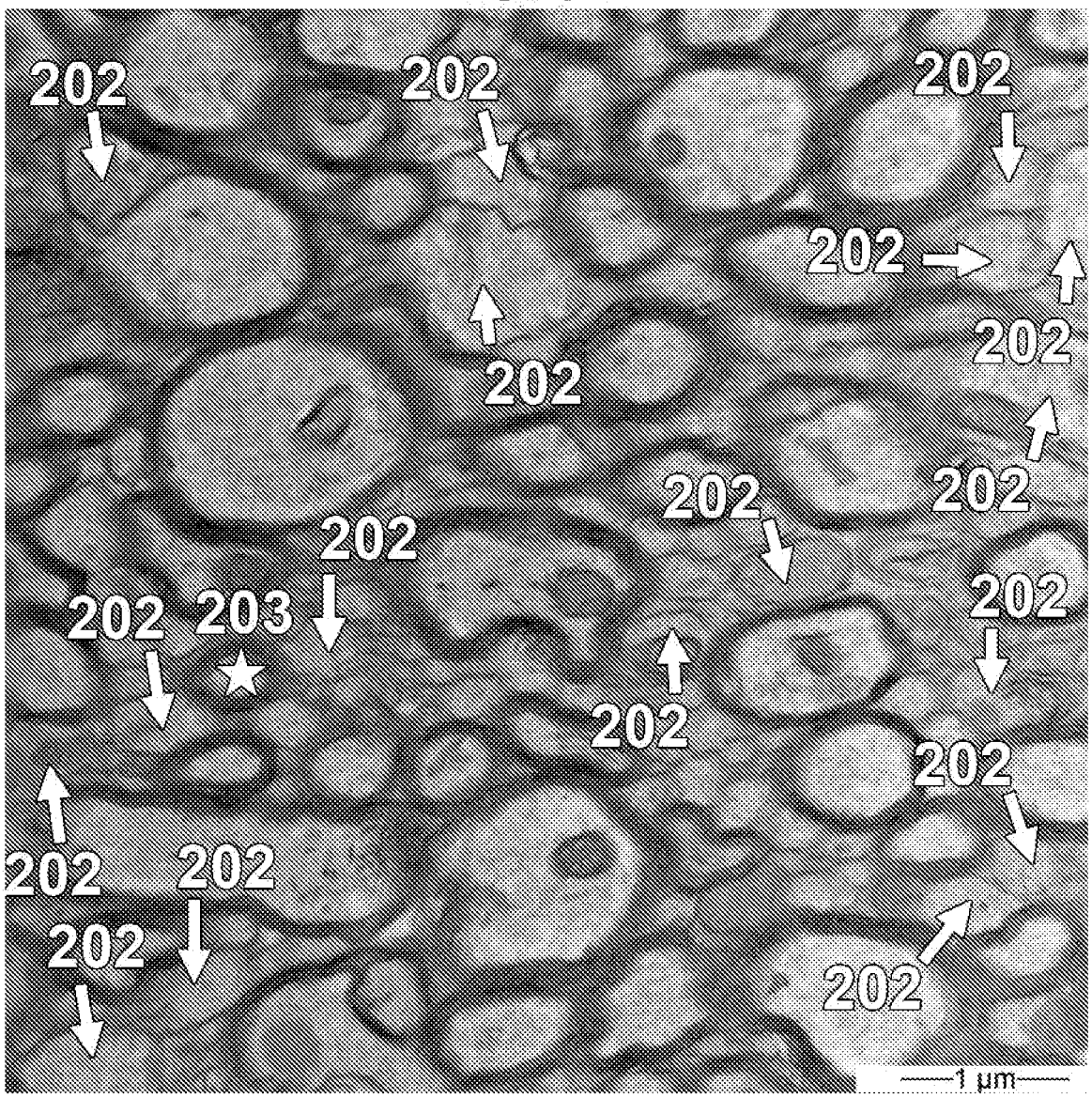

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FIG. 32A

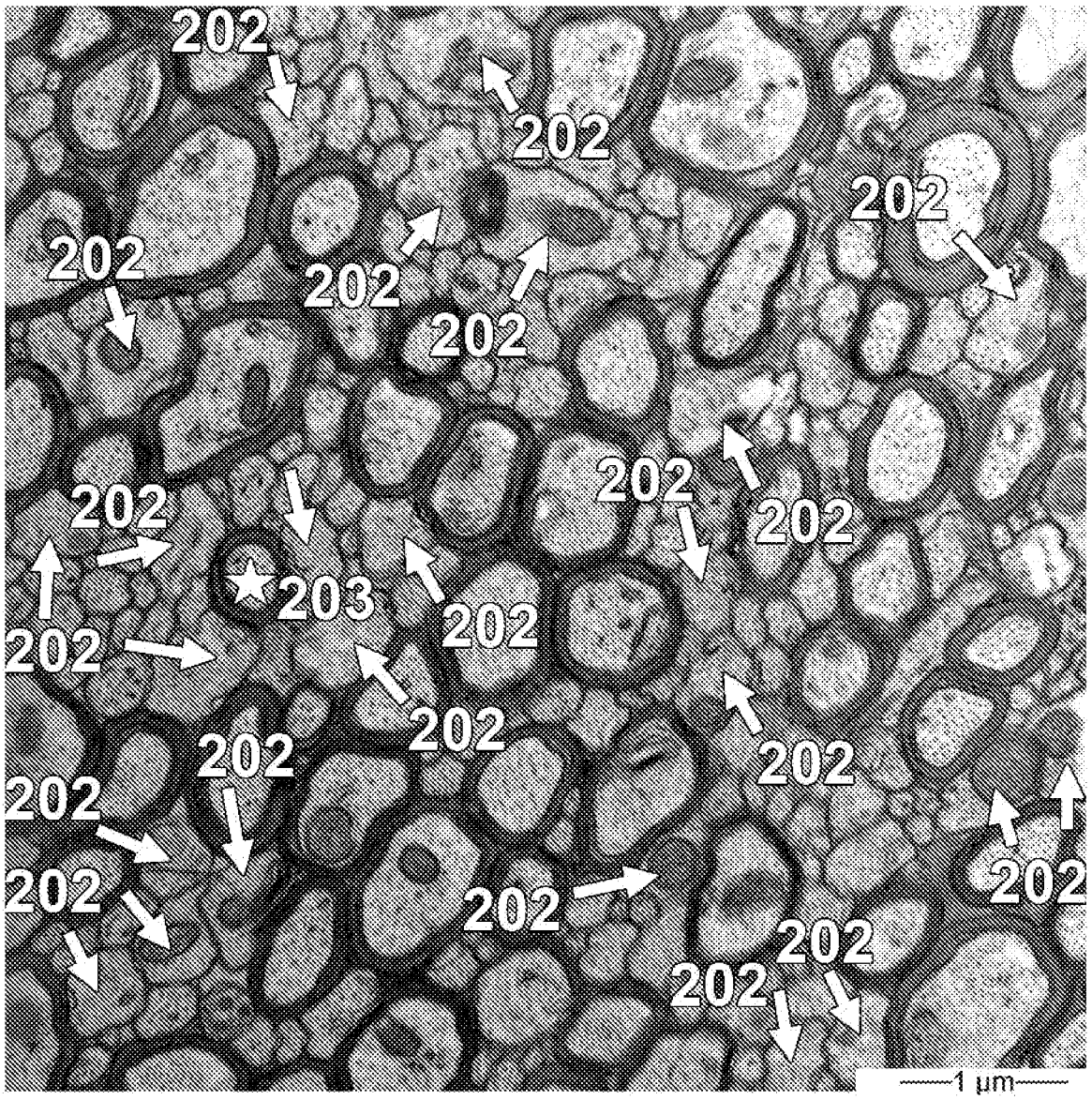

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FIG. 32B

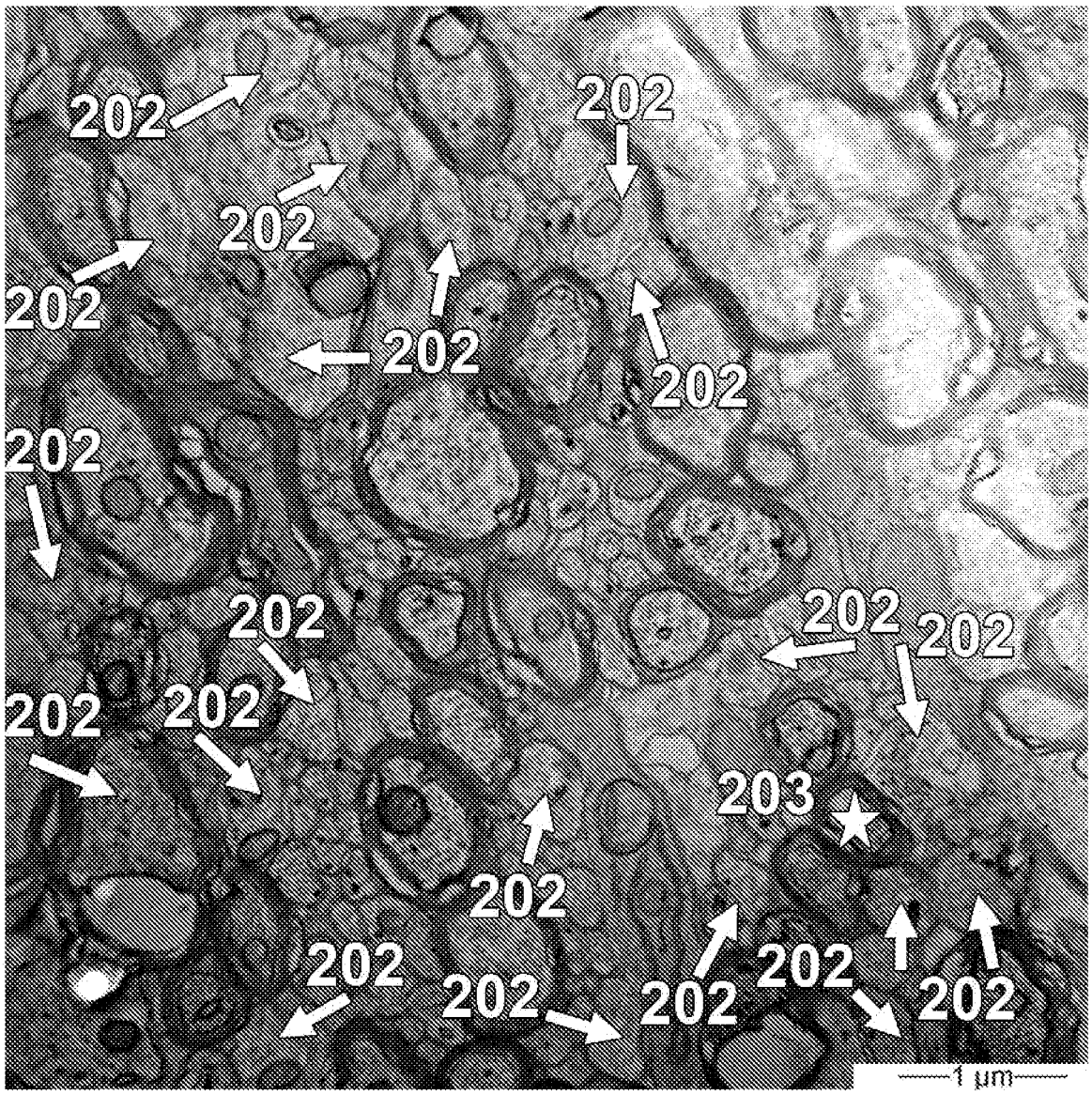

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FIG. 33A

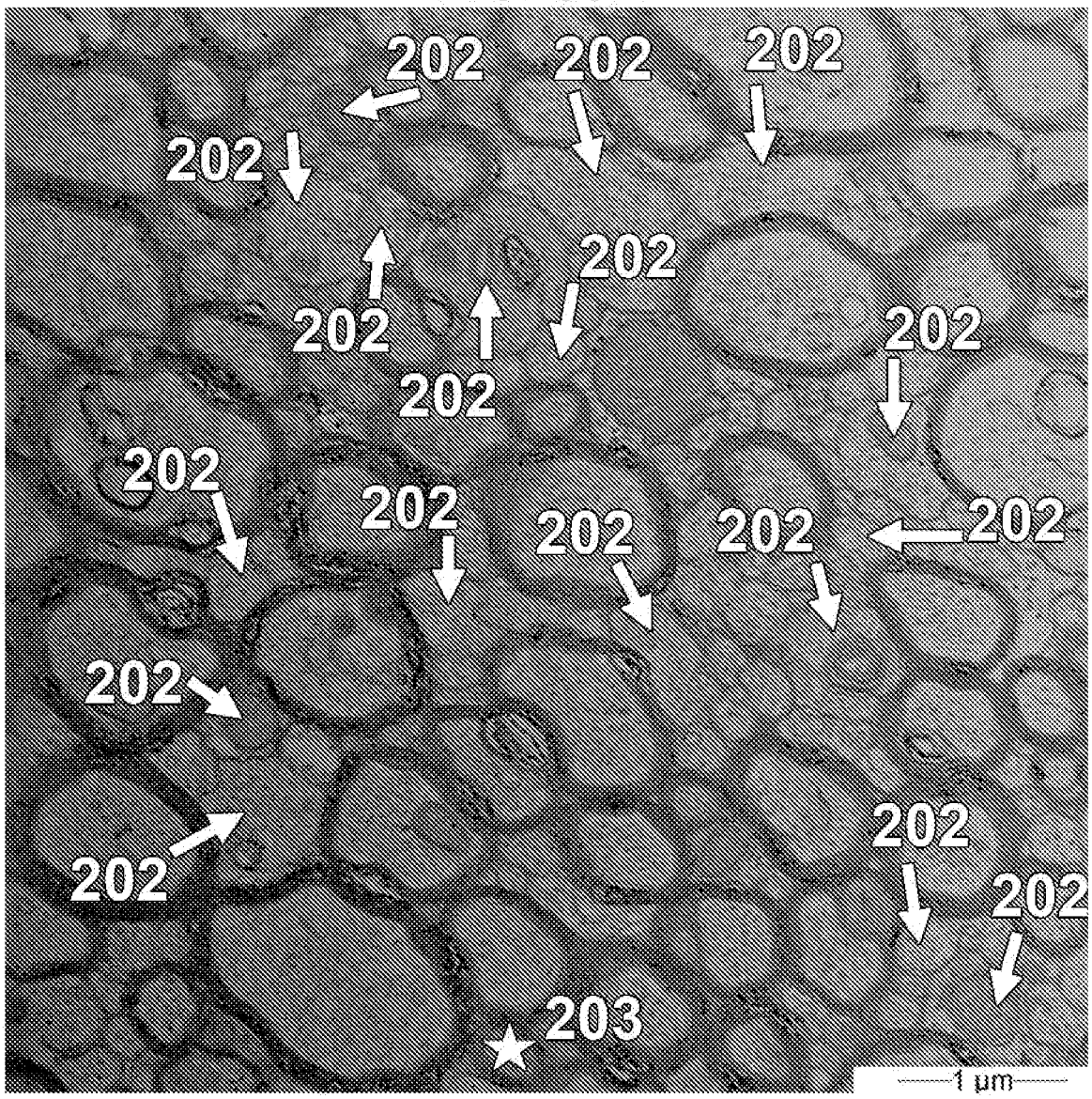

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FIG. 33B

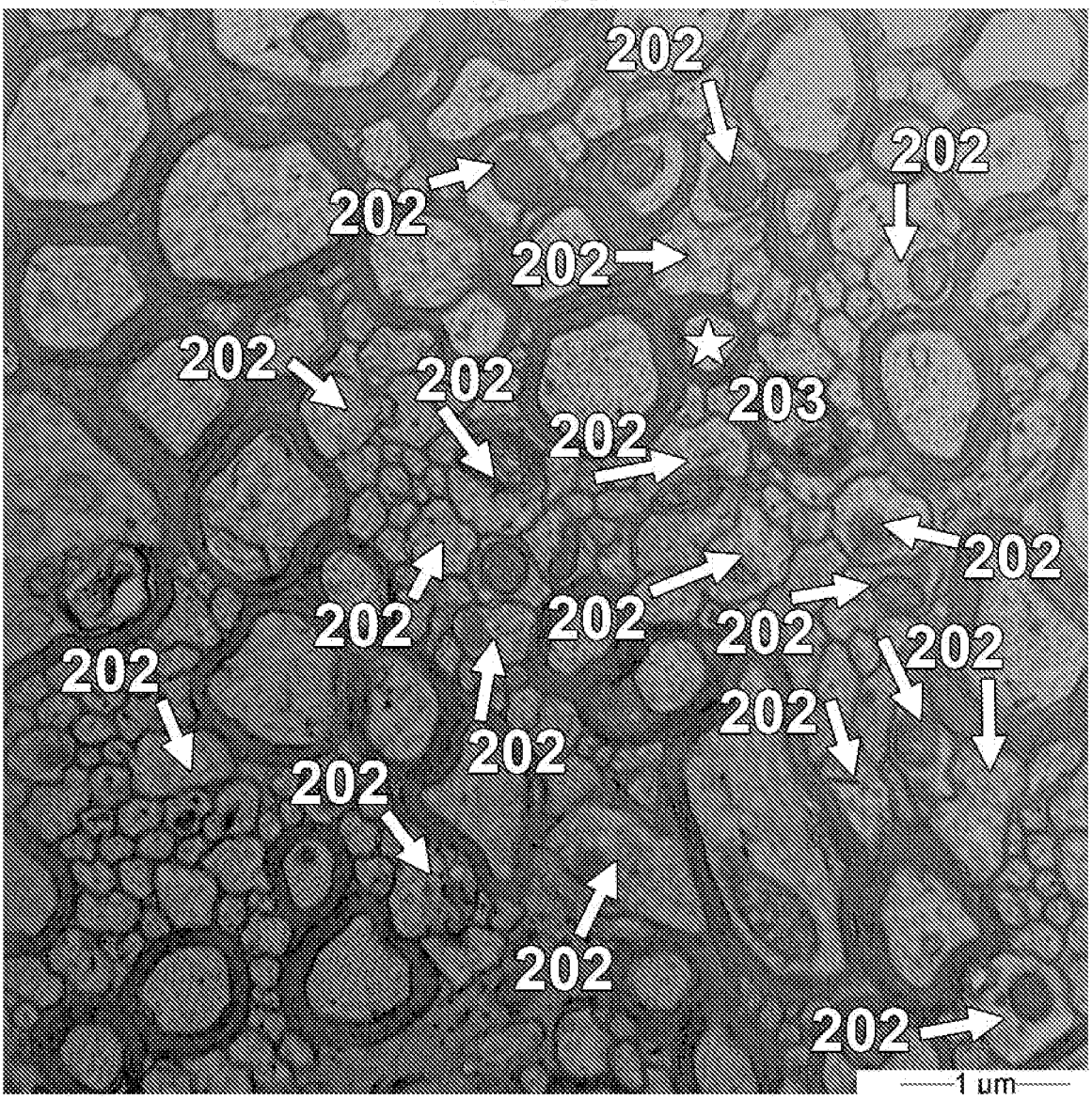

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FIG. 34A

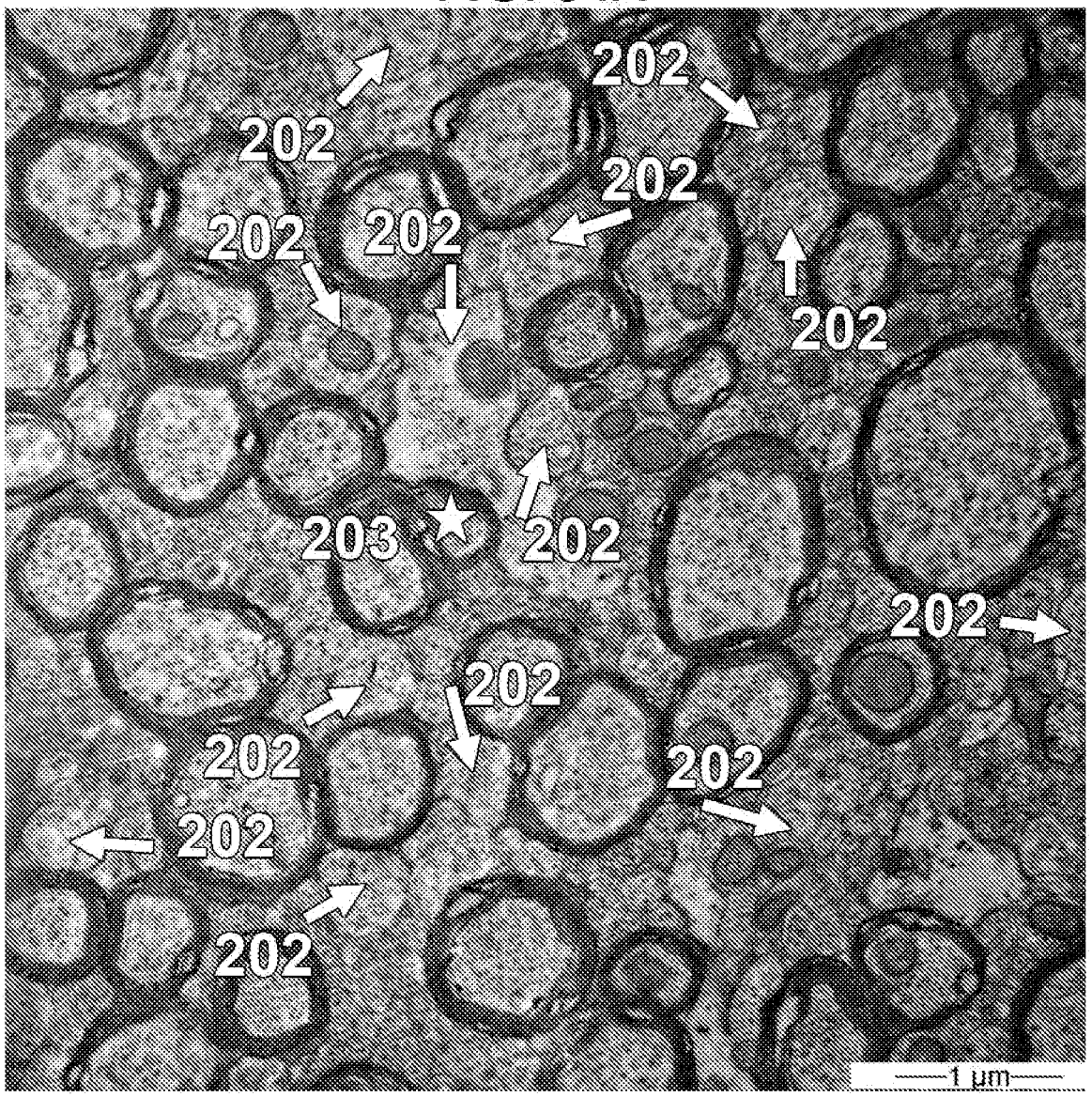

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FIG. 34B

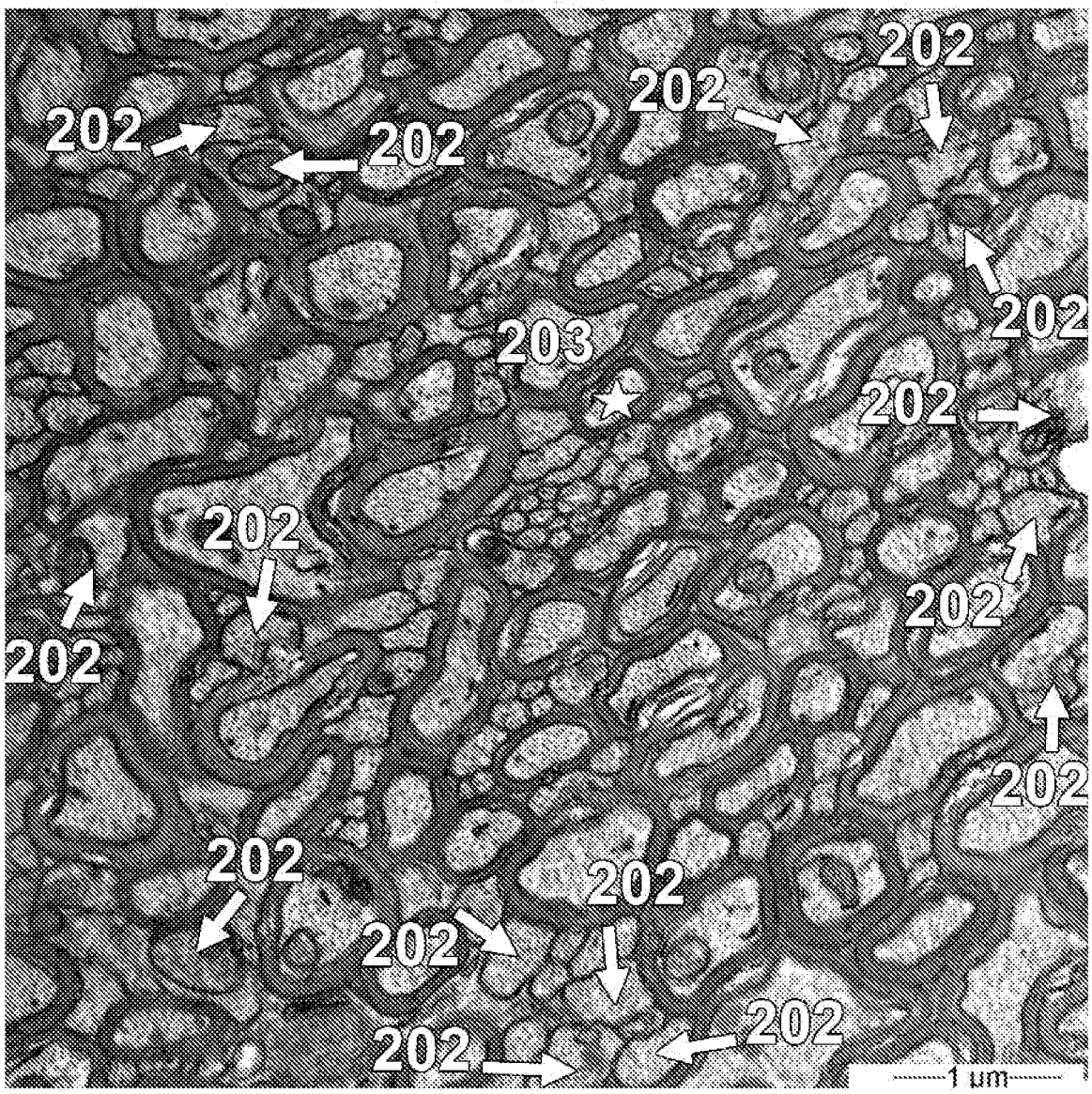

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FIG. 35A

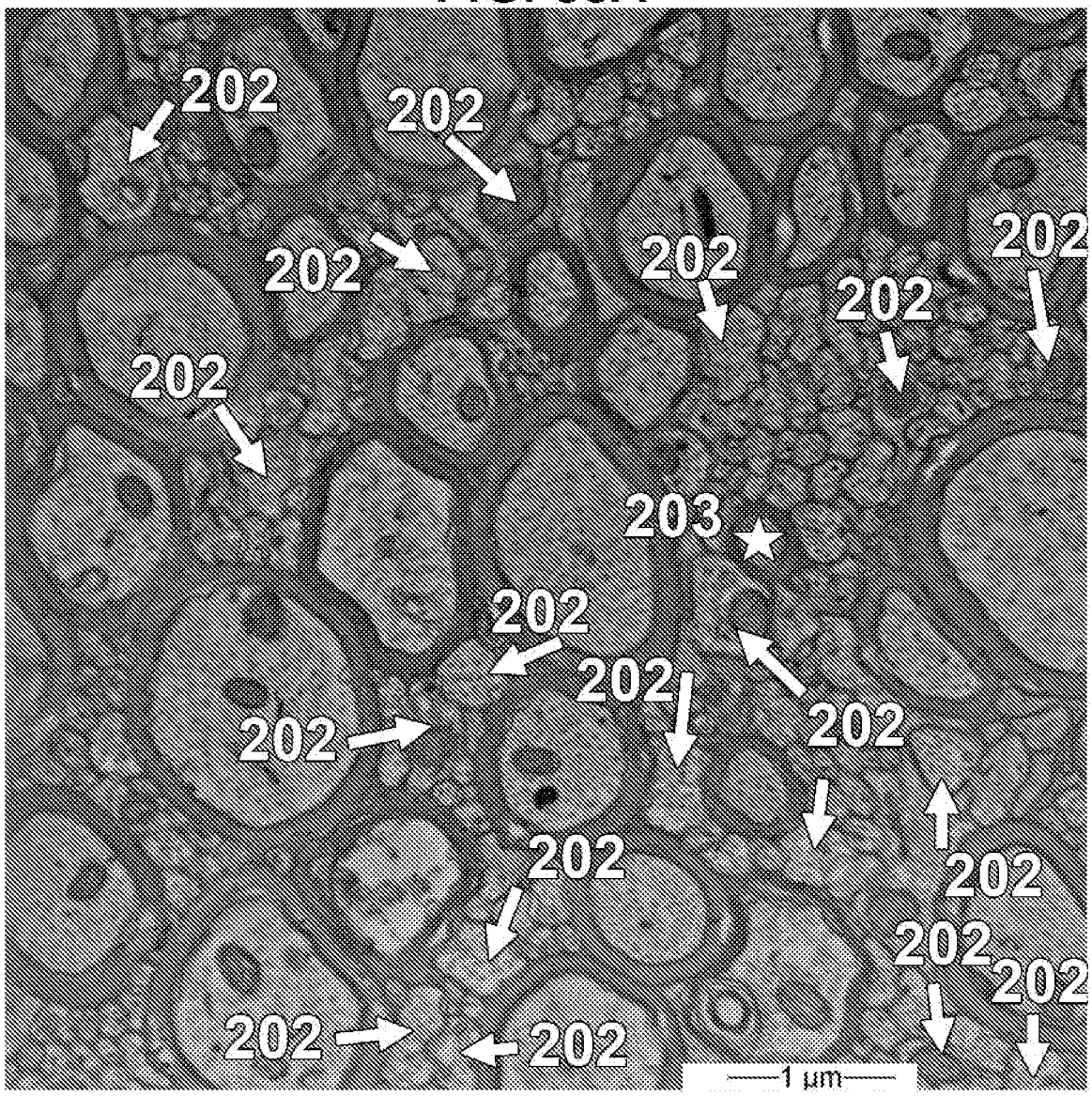

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FIG. 35B

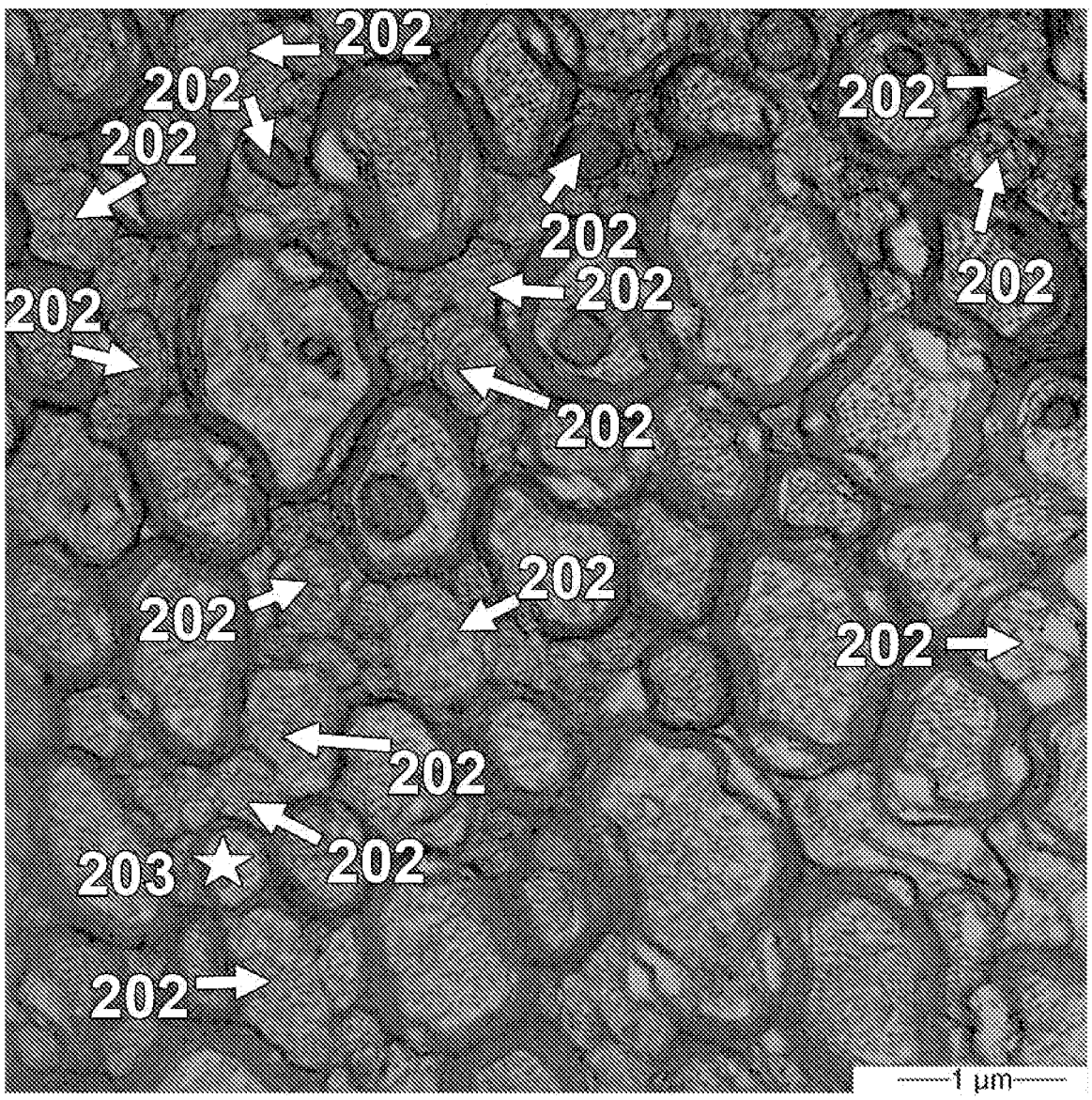

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FIG. 36A

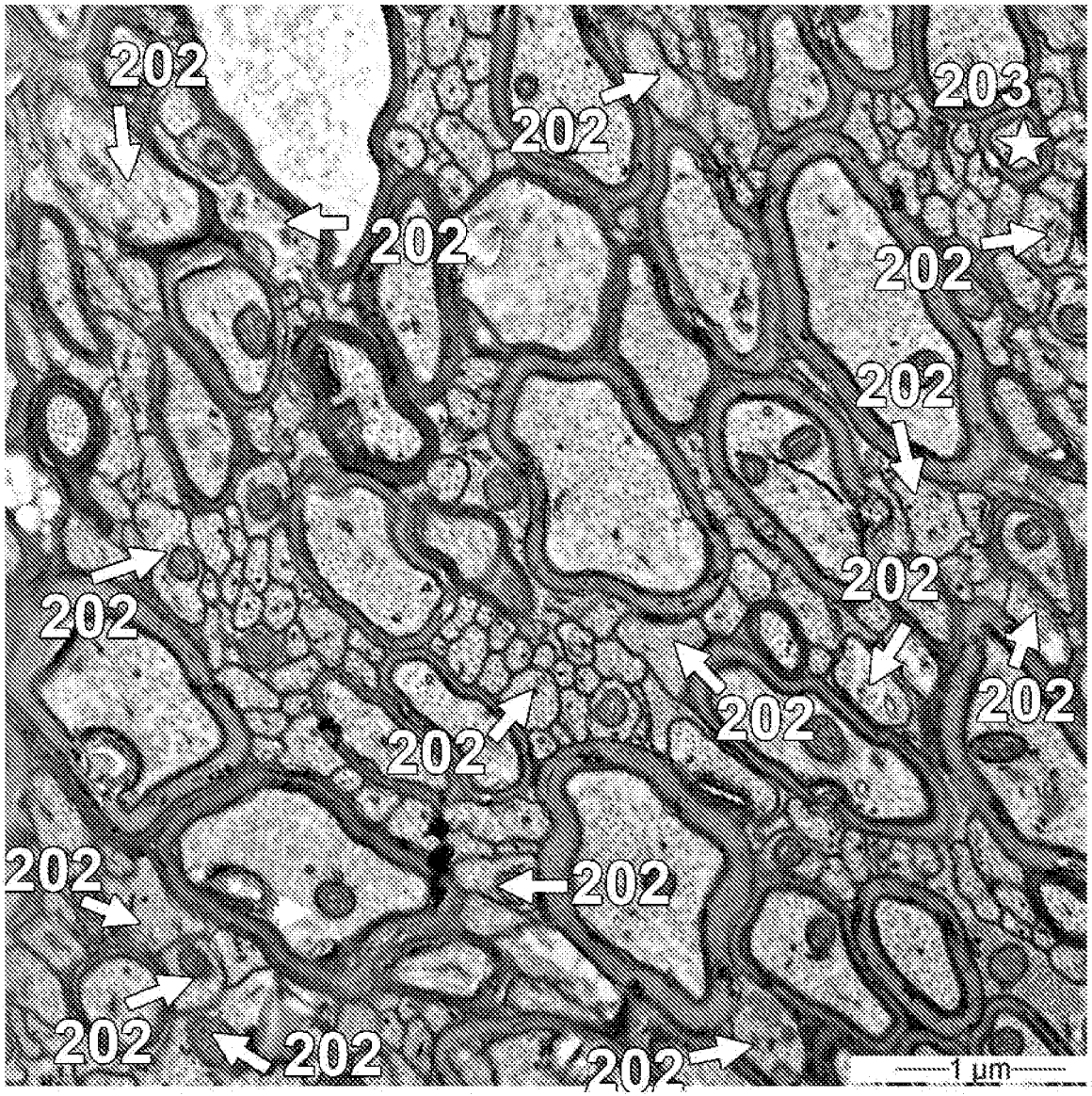
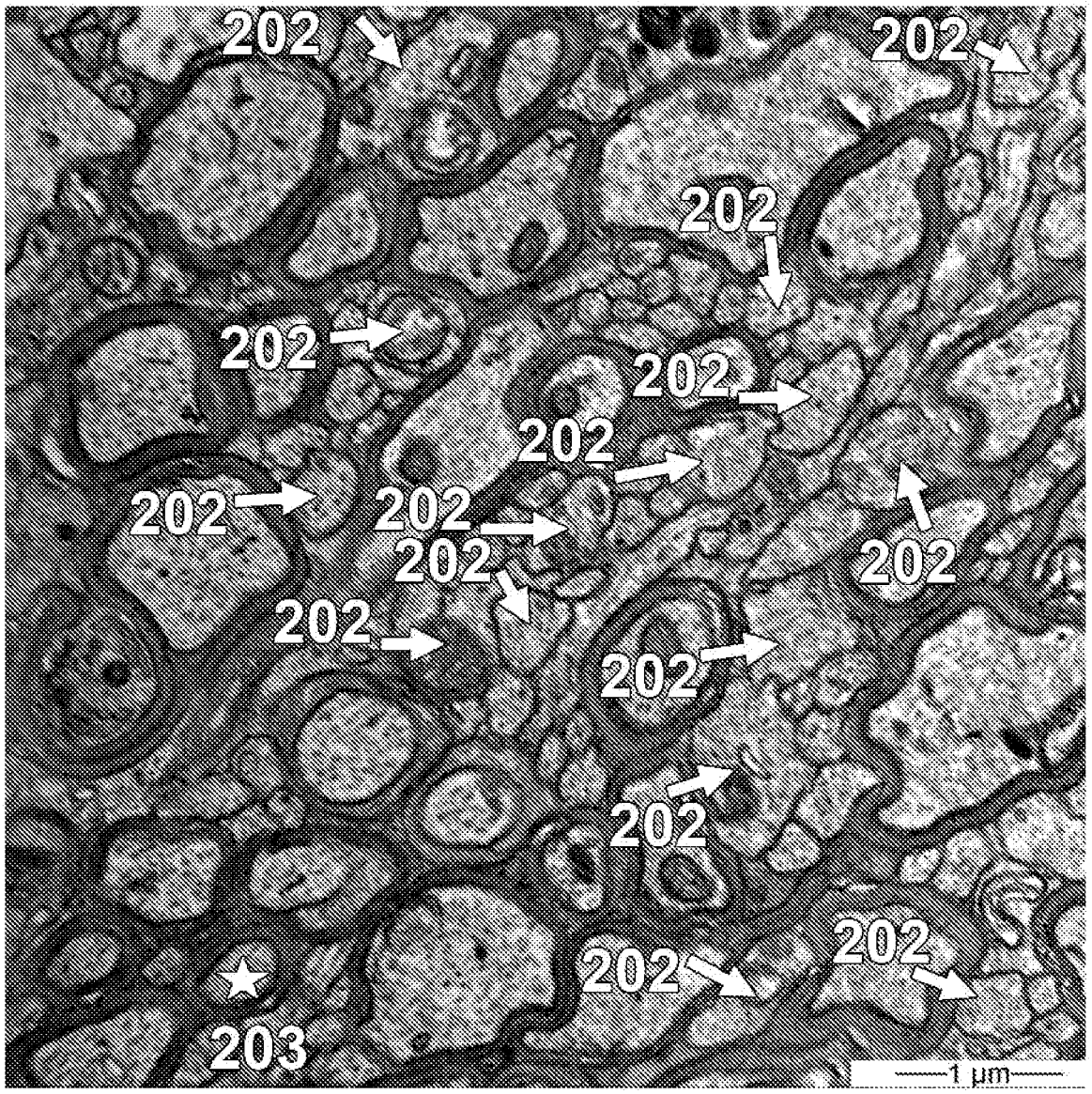

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FIG. 36B


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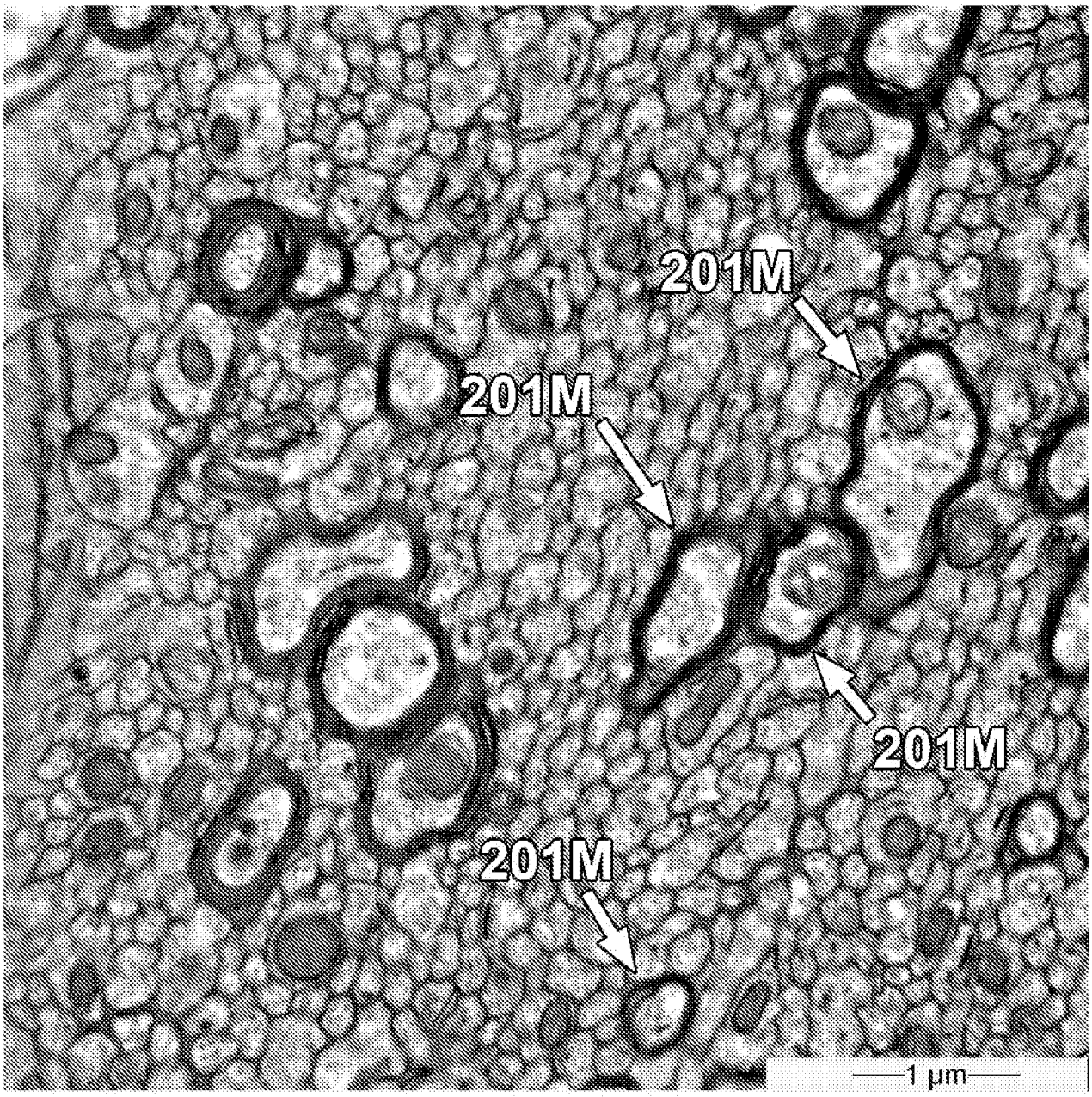


FIG. 37A

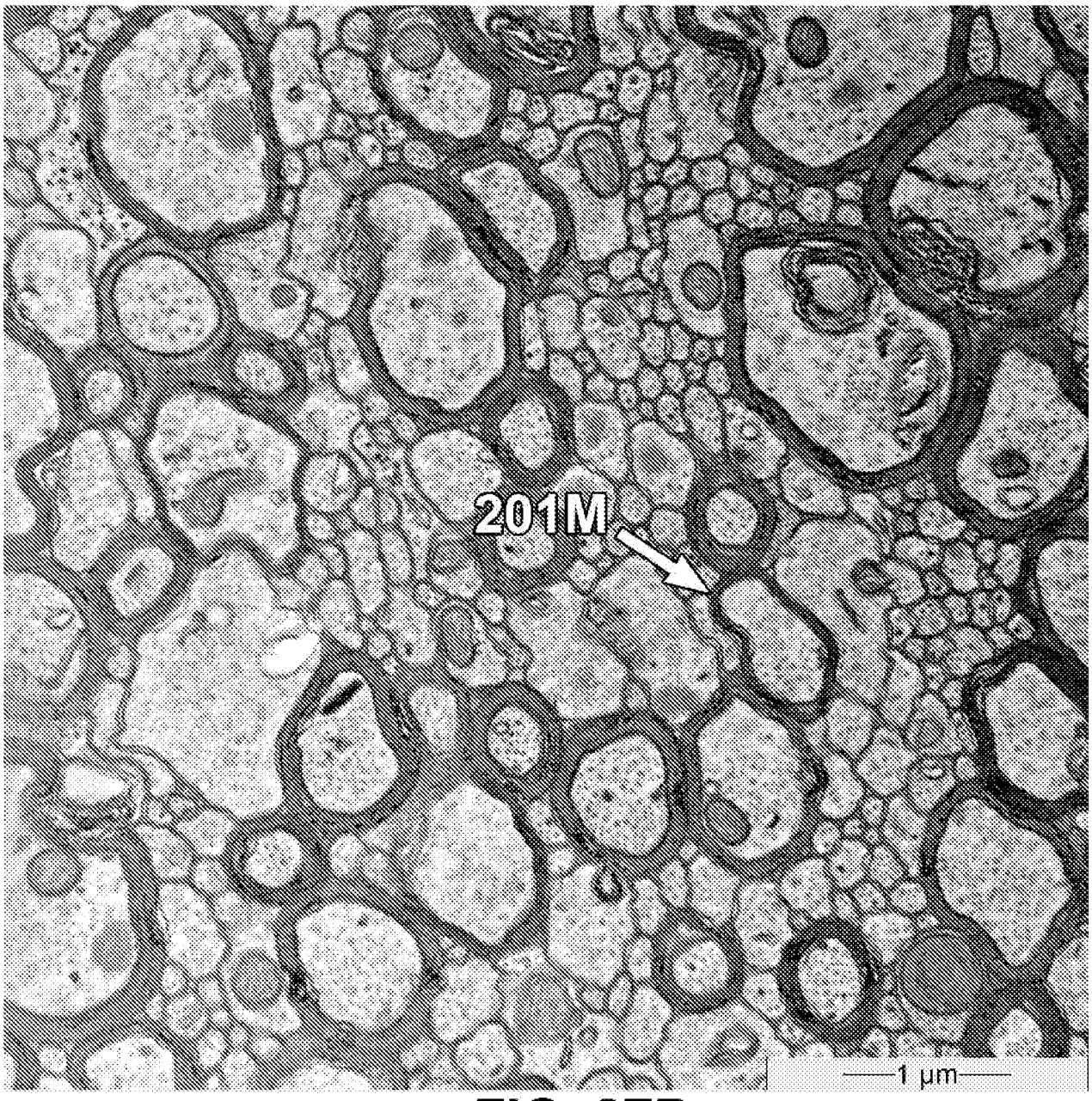


FIG. 37B

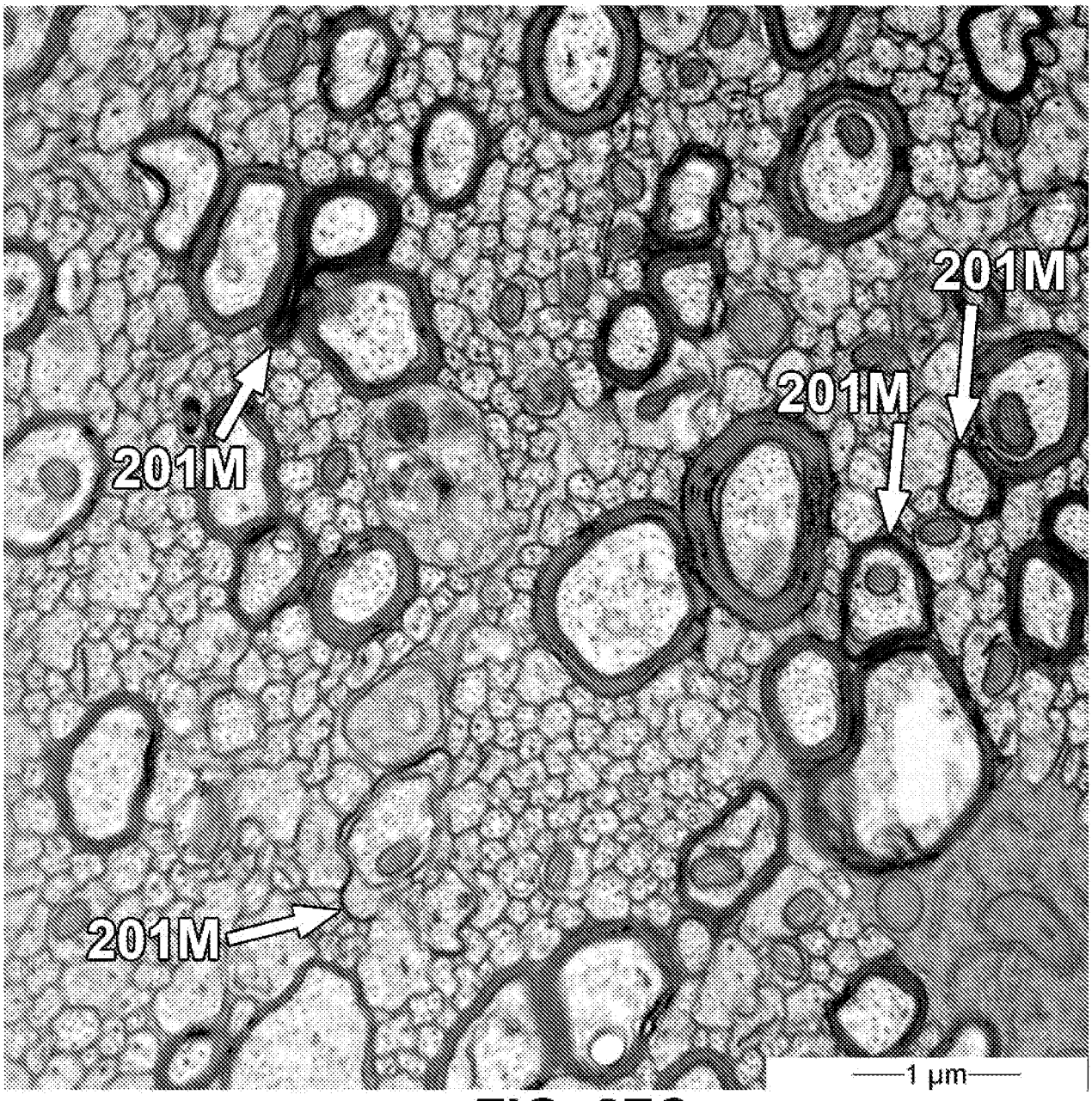


FIG. 37C

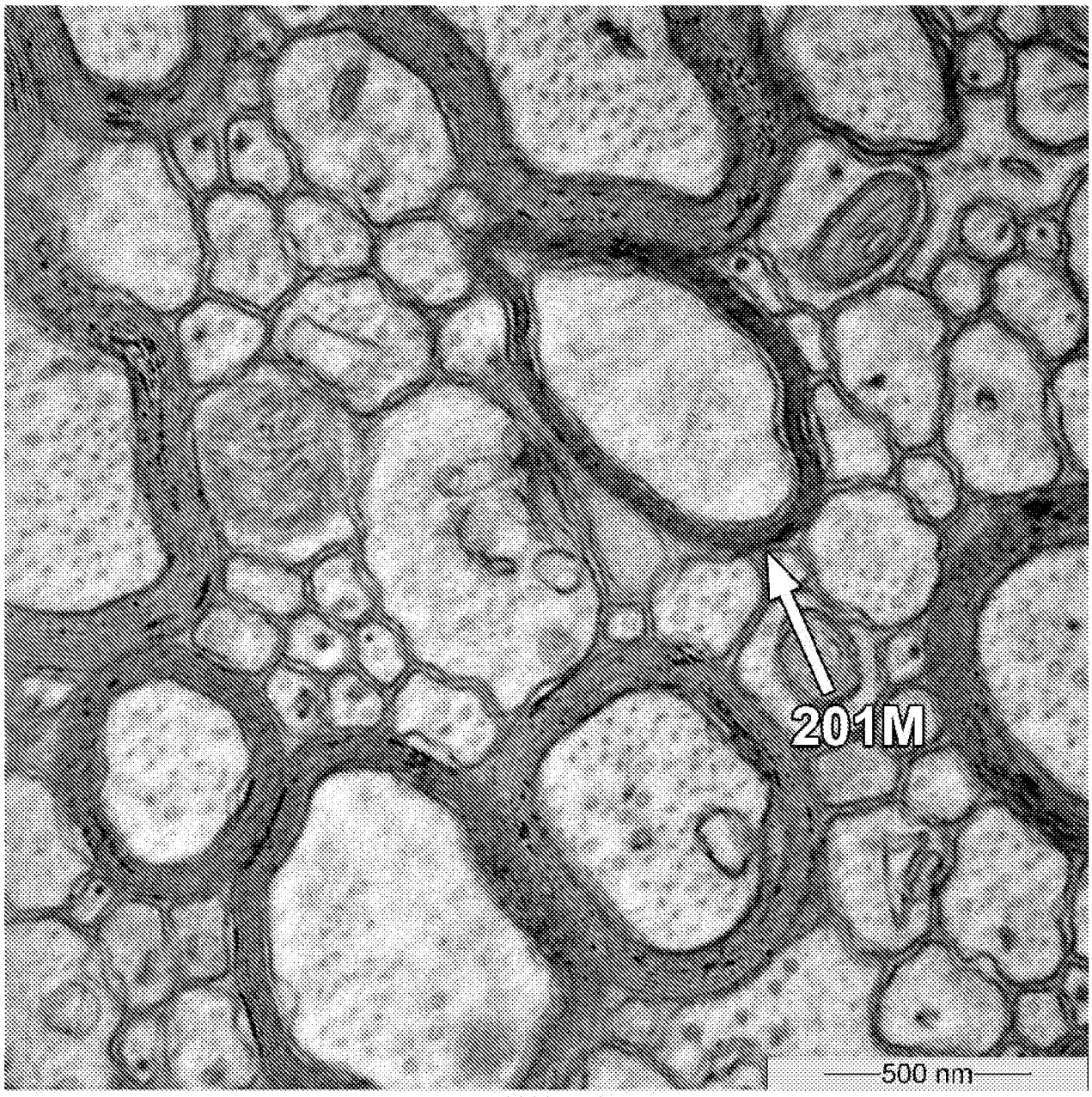


FIG. 37D

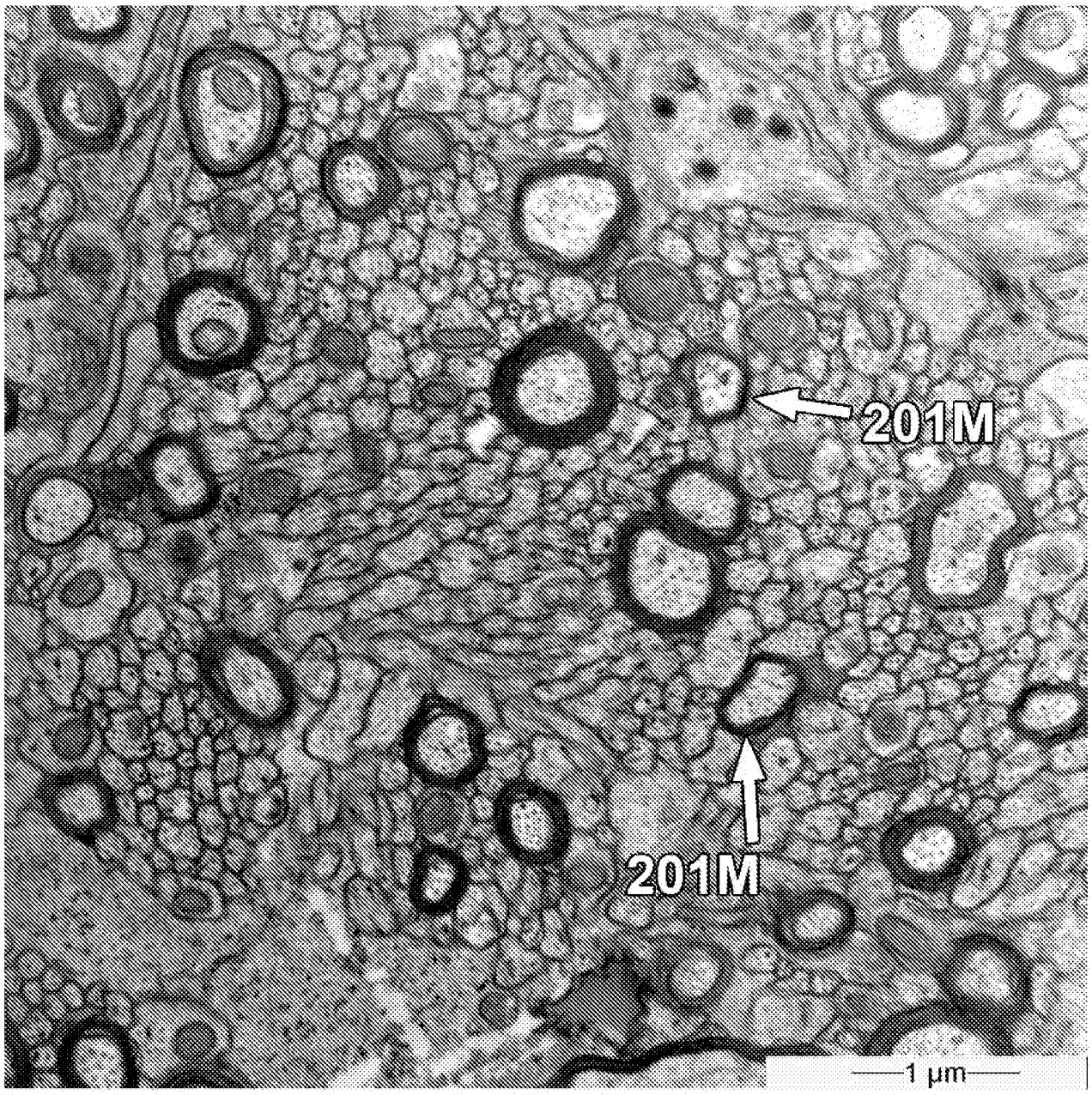


FIG. 37E

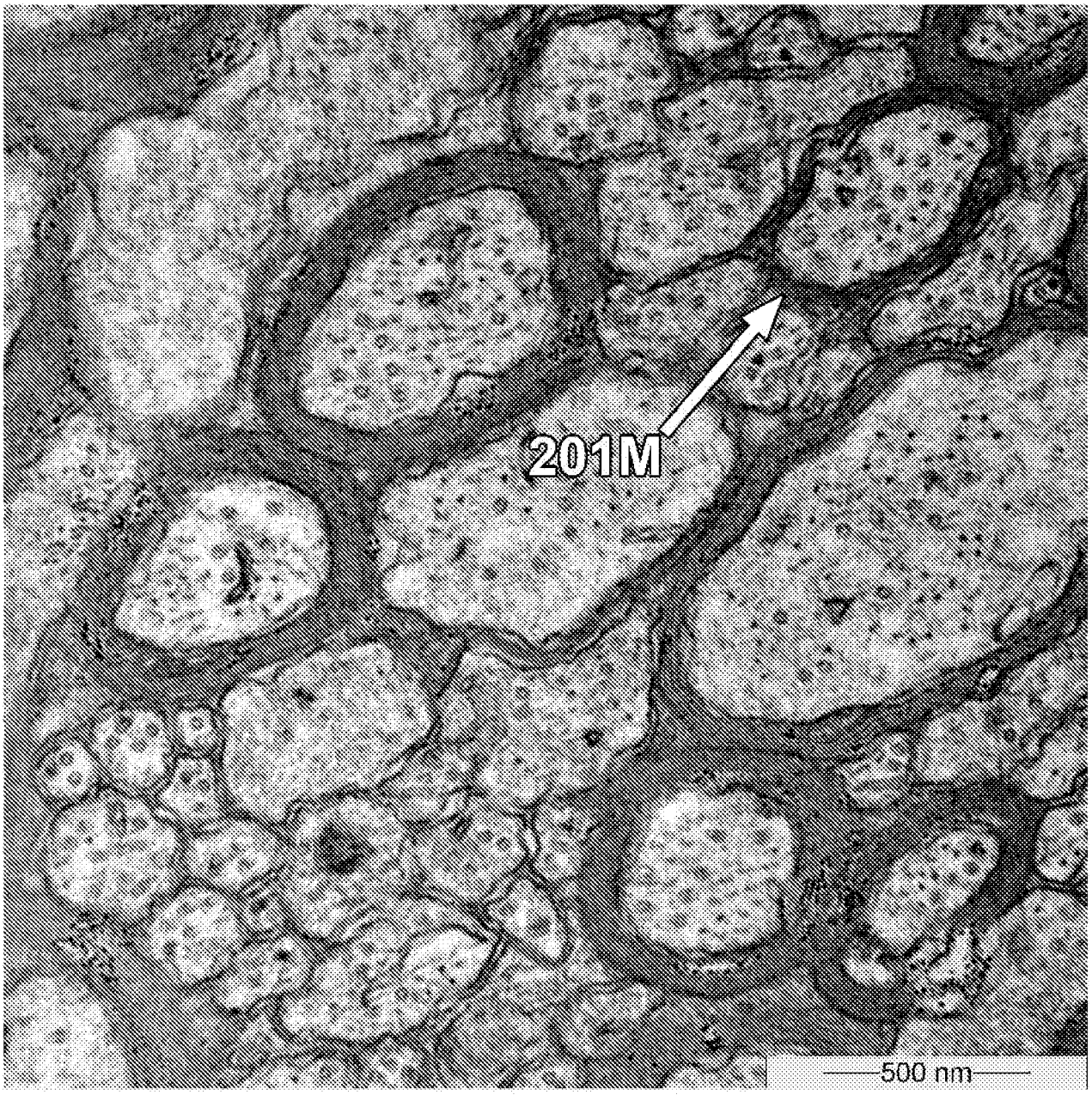


FIG. 37F

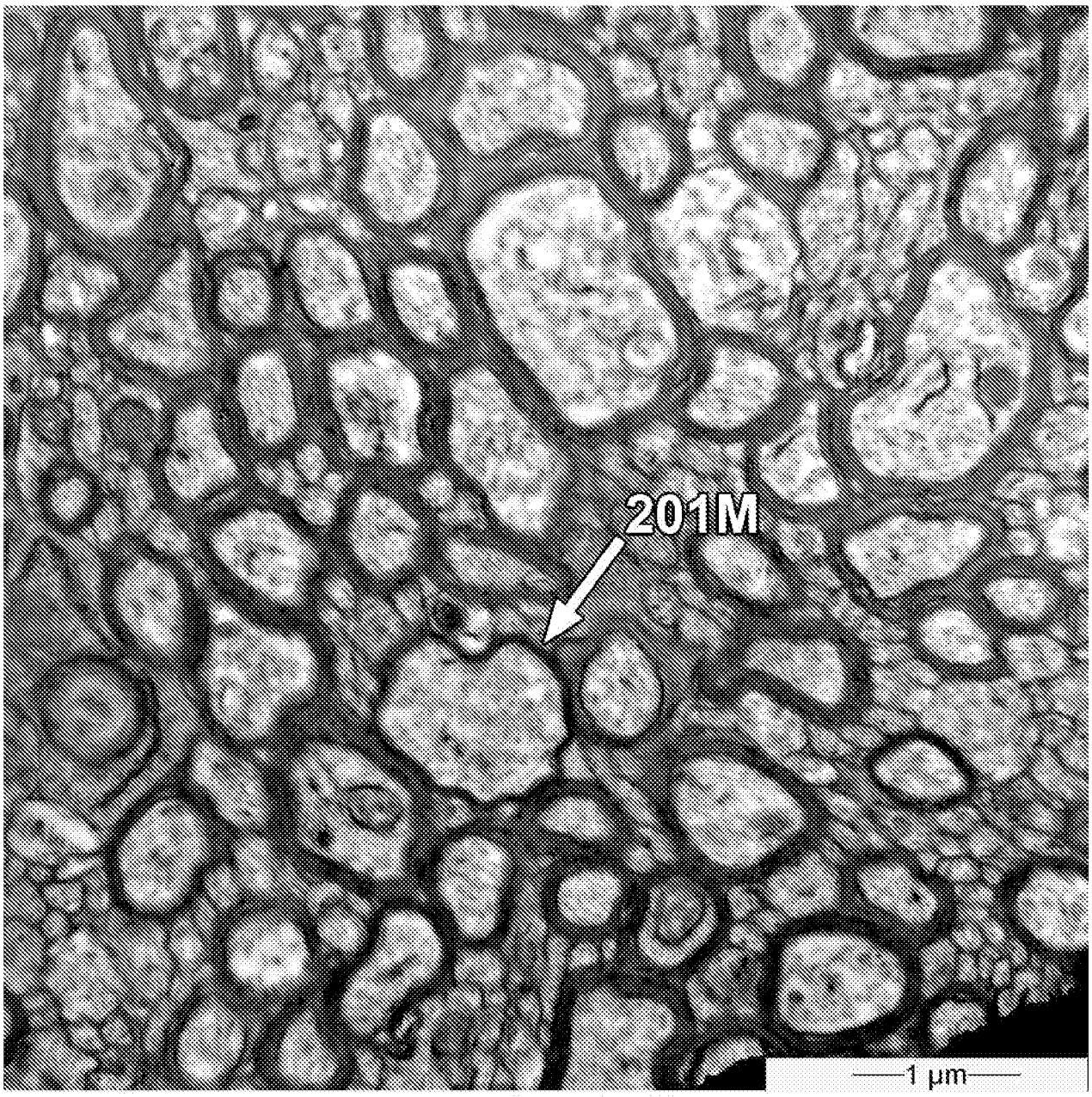


FIG. 37G

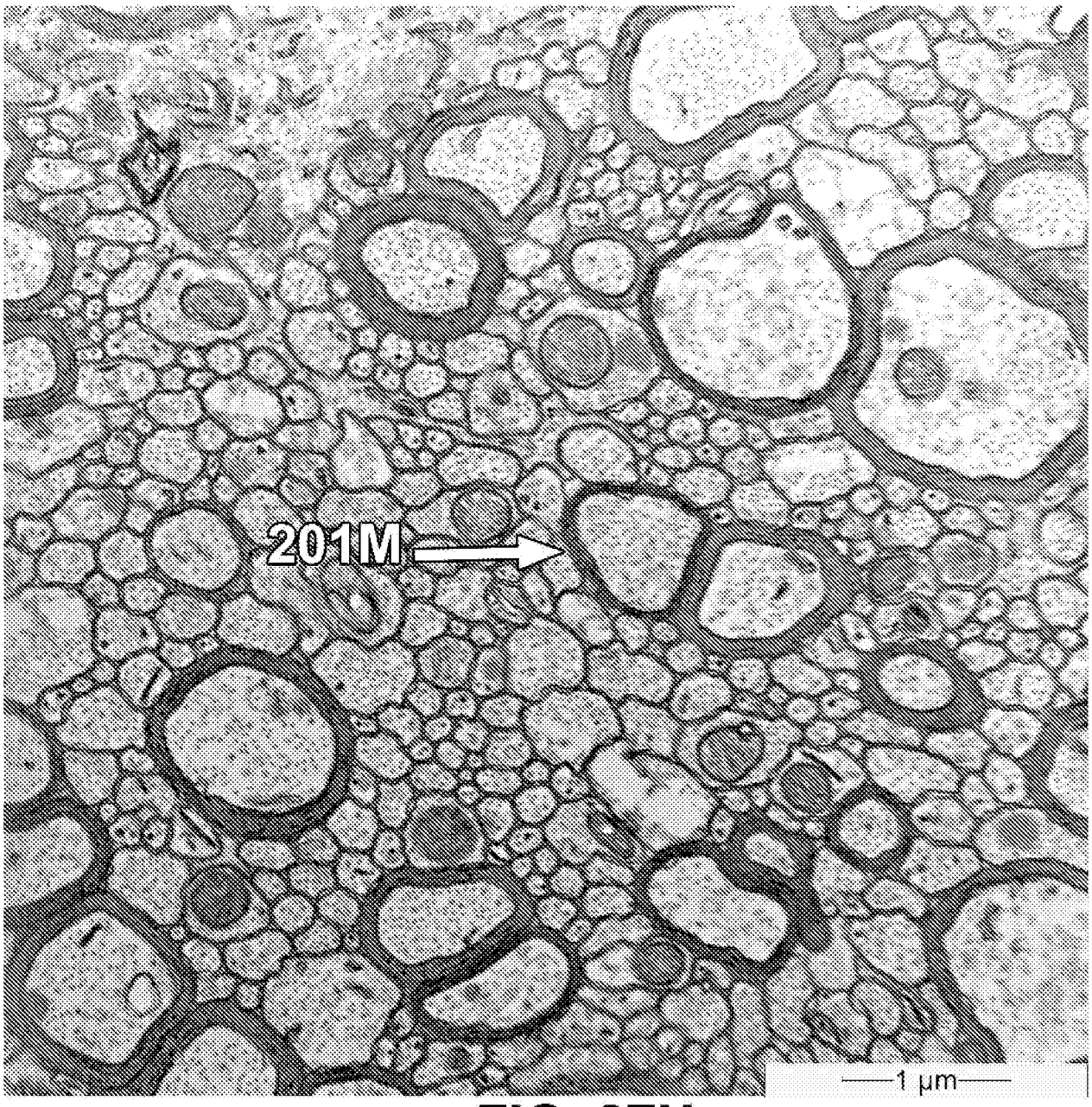


FIG. 37H

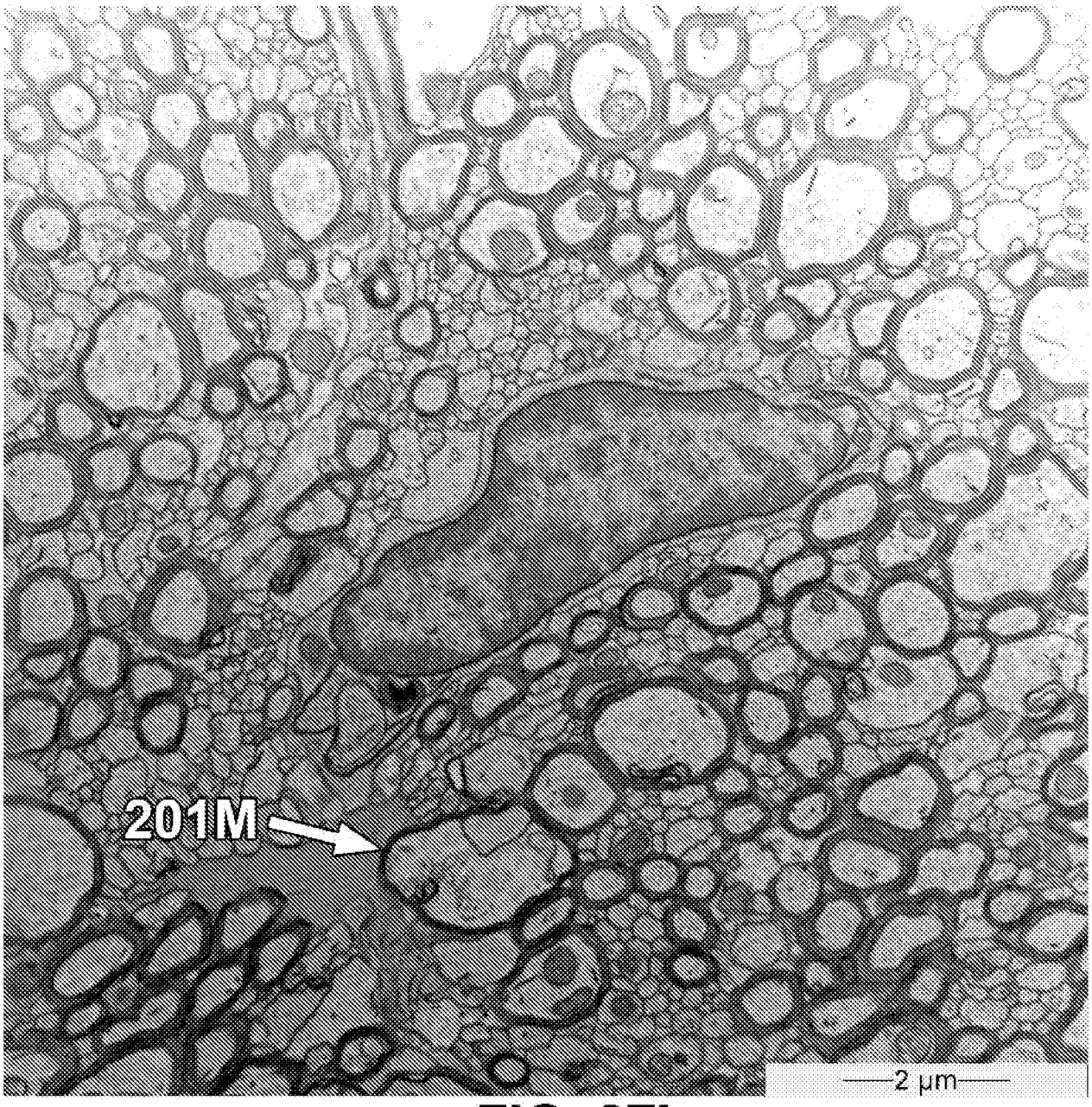


FIG. 37I

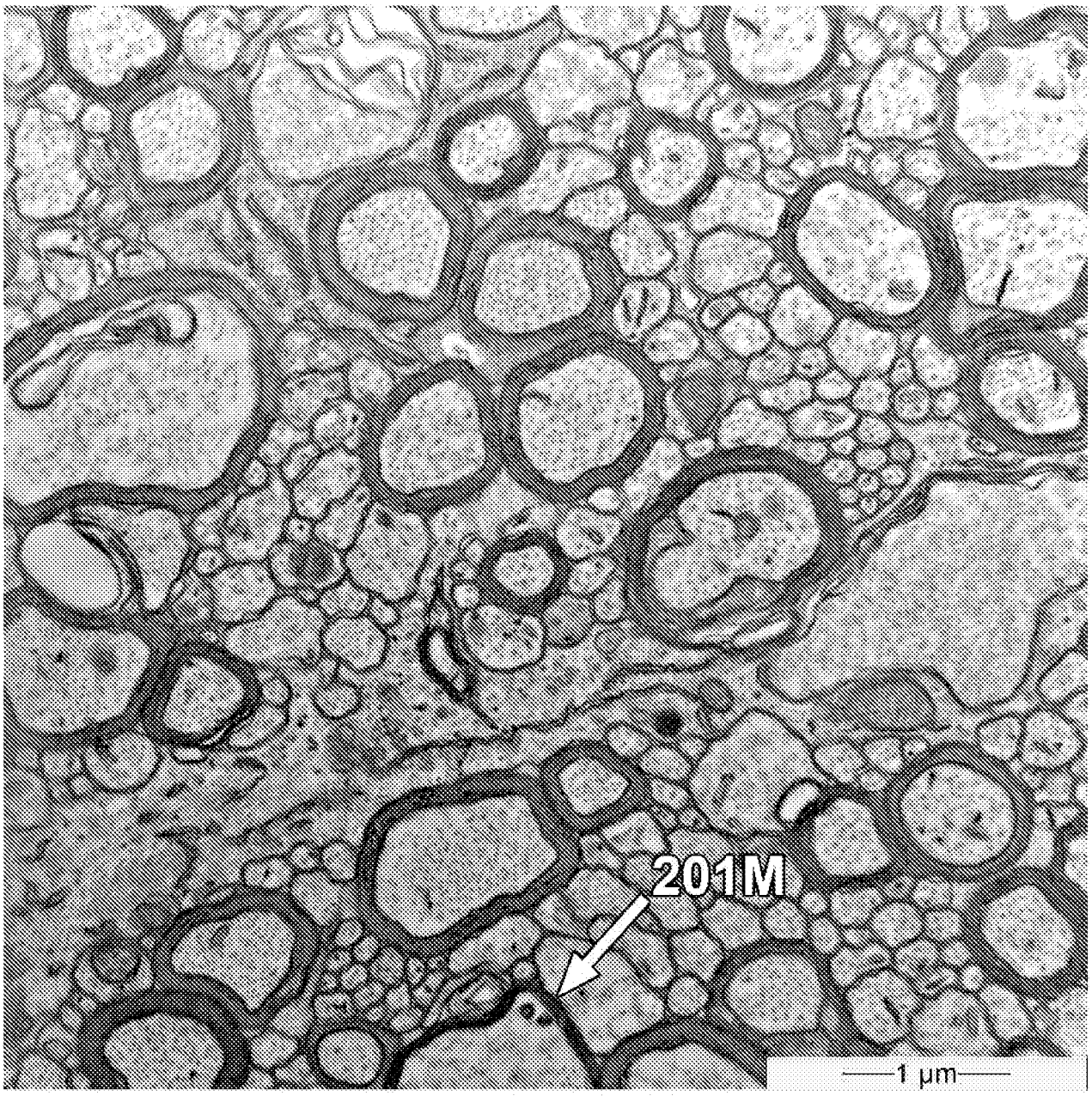


FIG. 37J

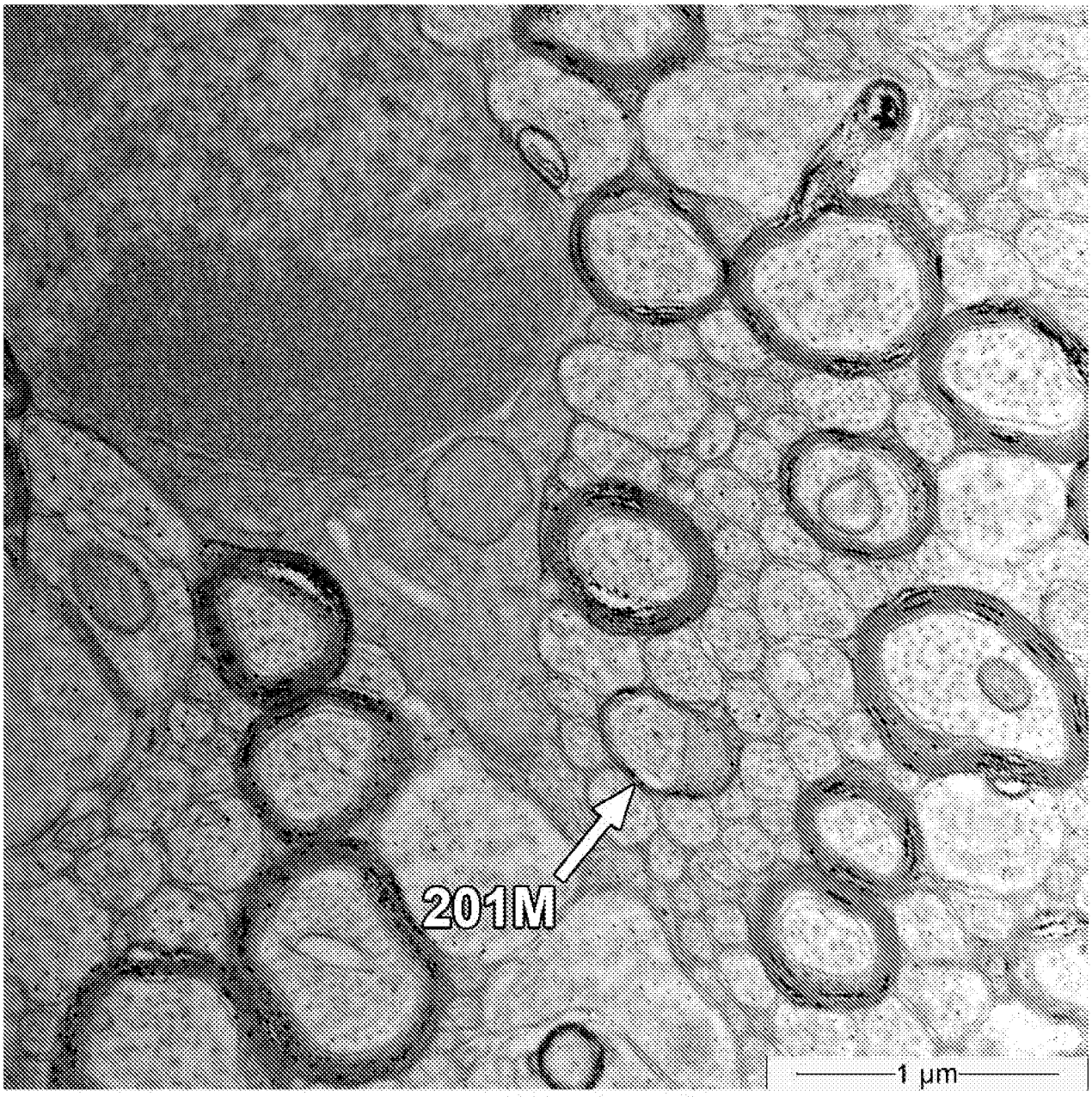


FIG. 37K



FIG. 38A

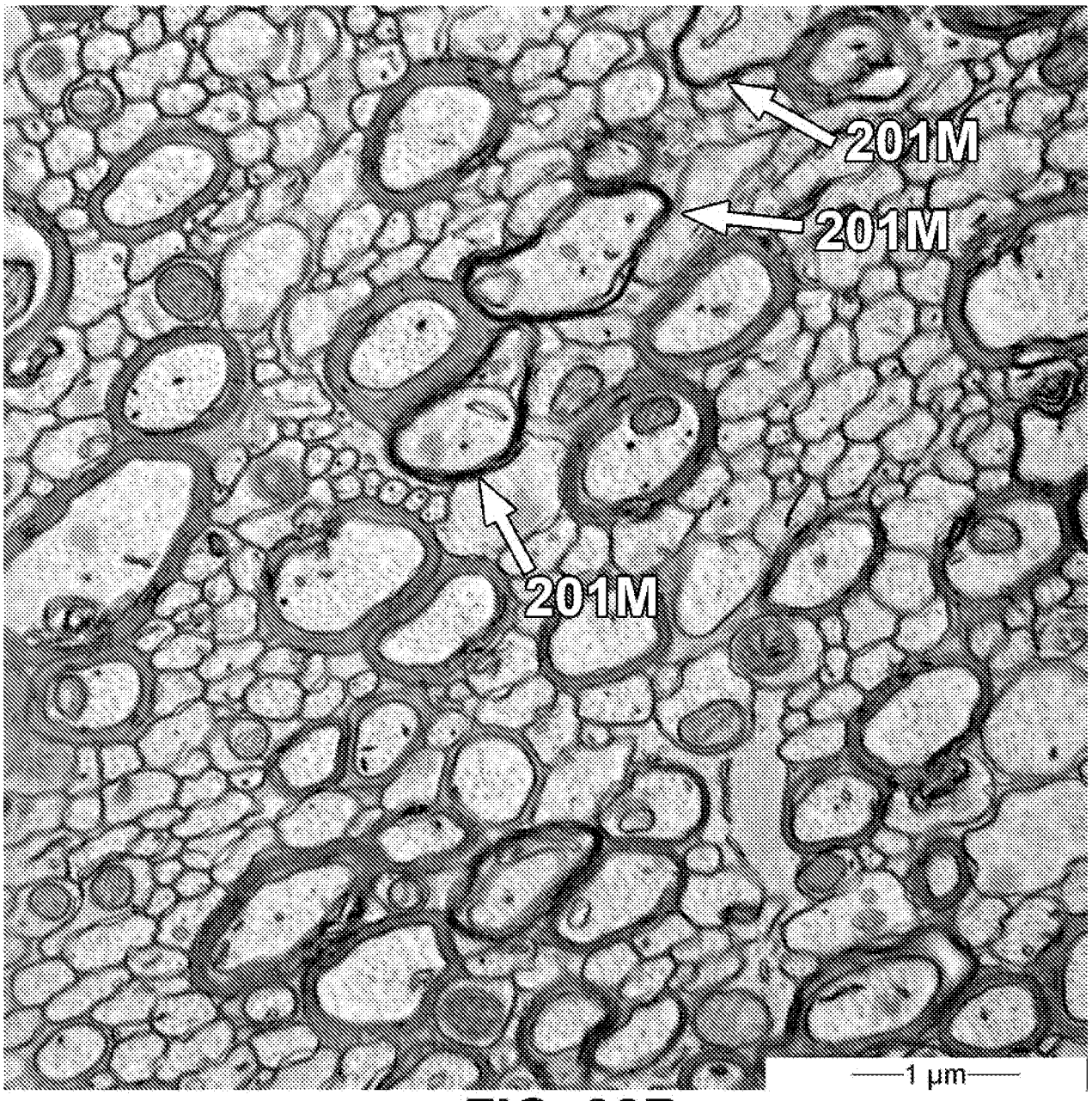


FIG. 38B

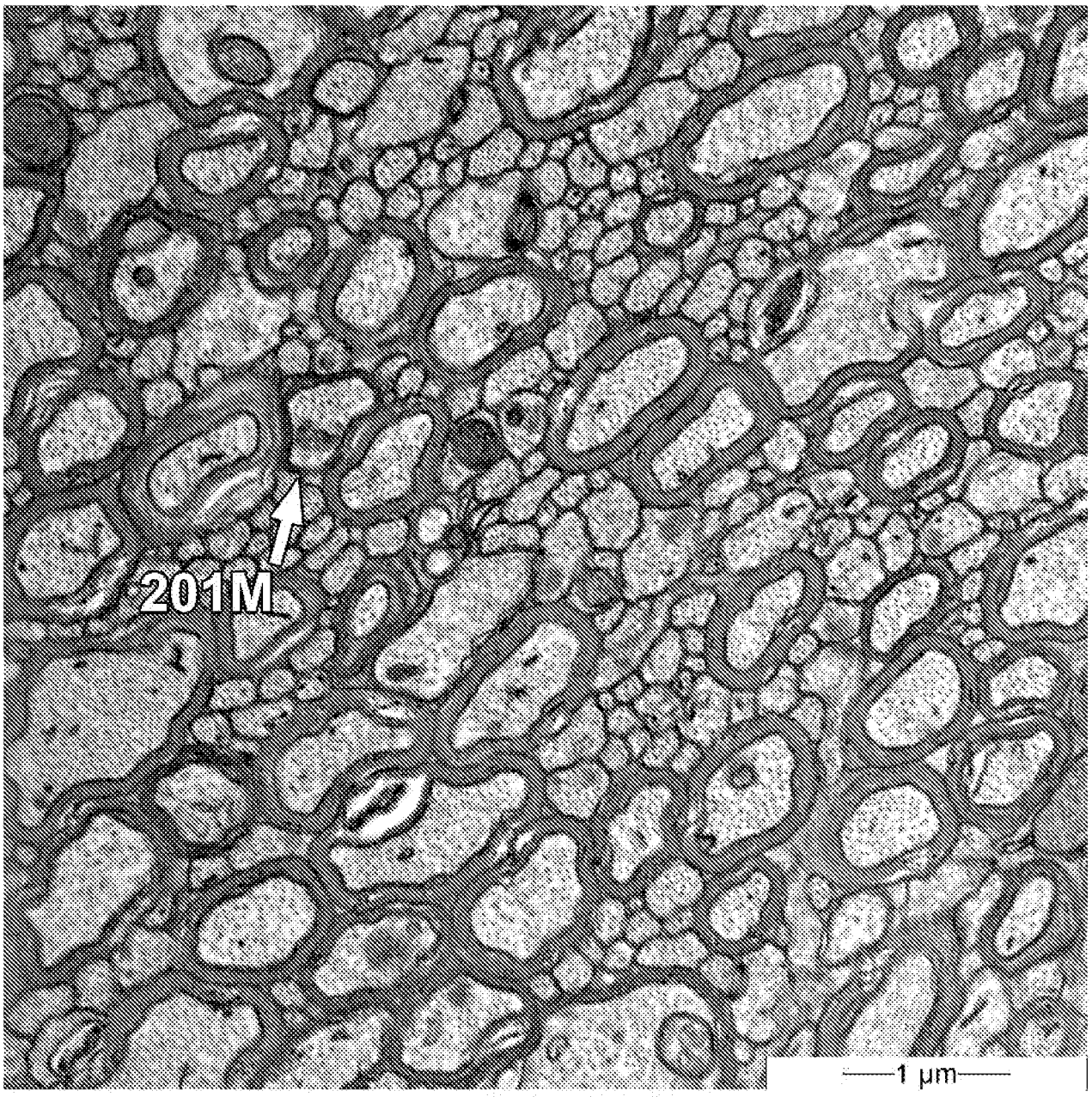


FIG. 38C

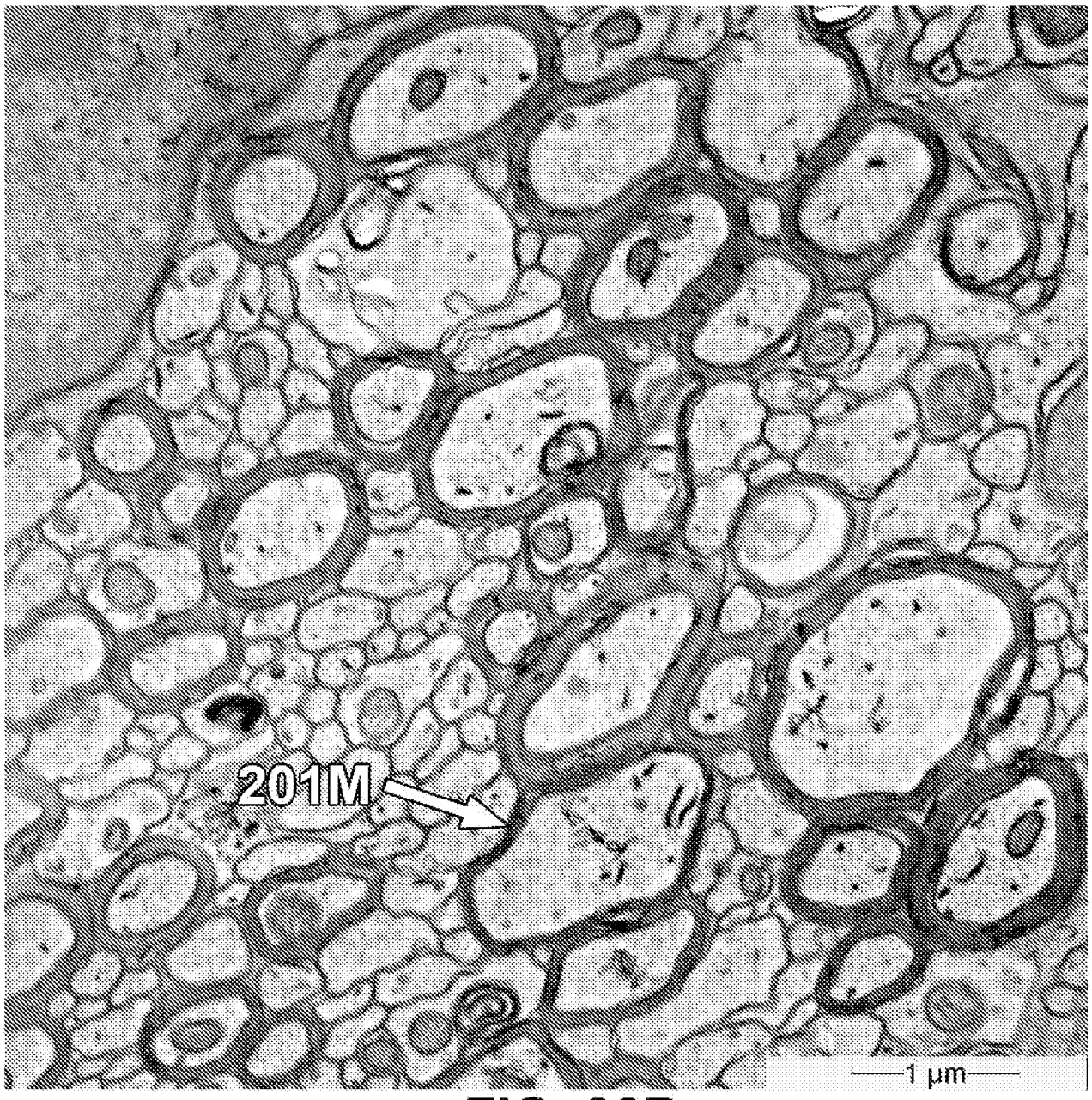


FIG. 38D

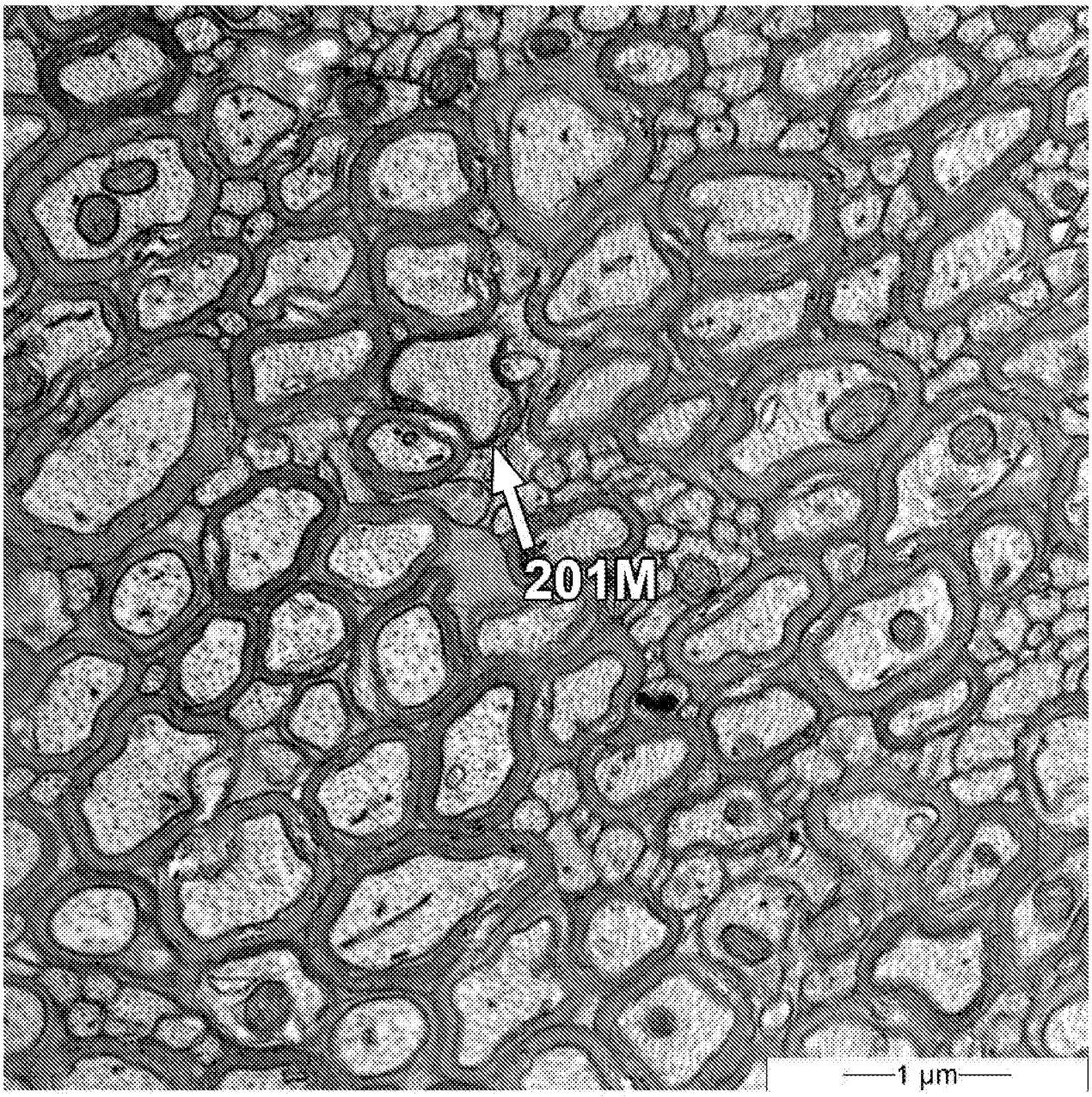


FIG. 38E

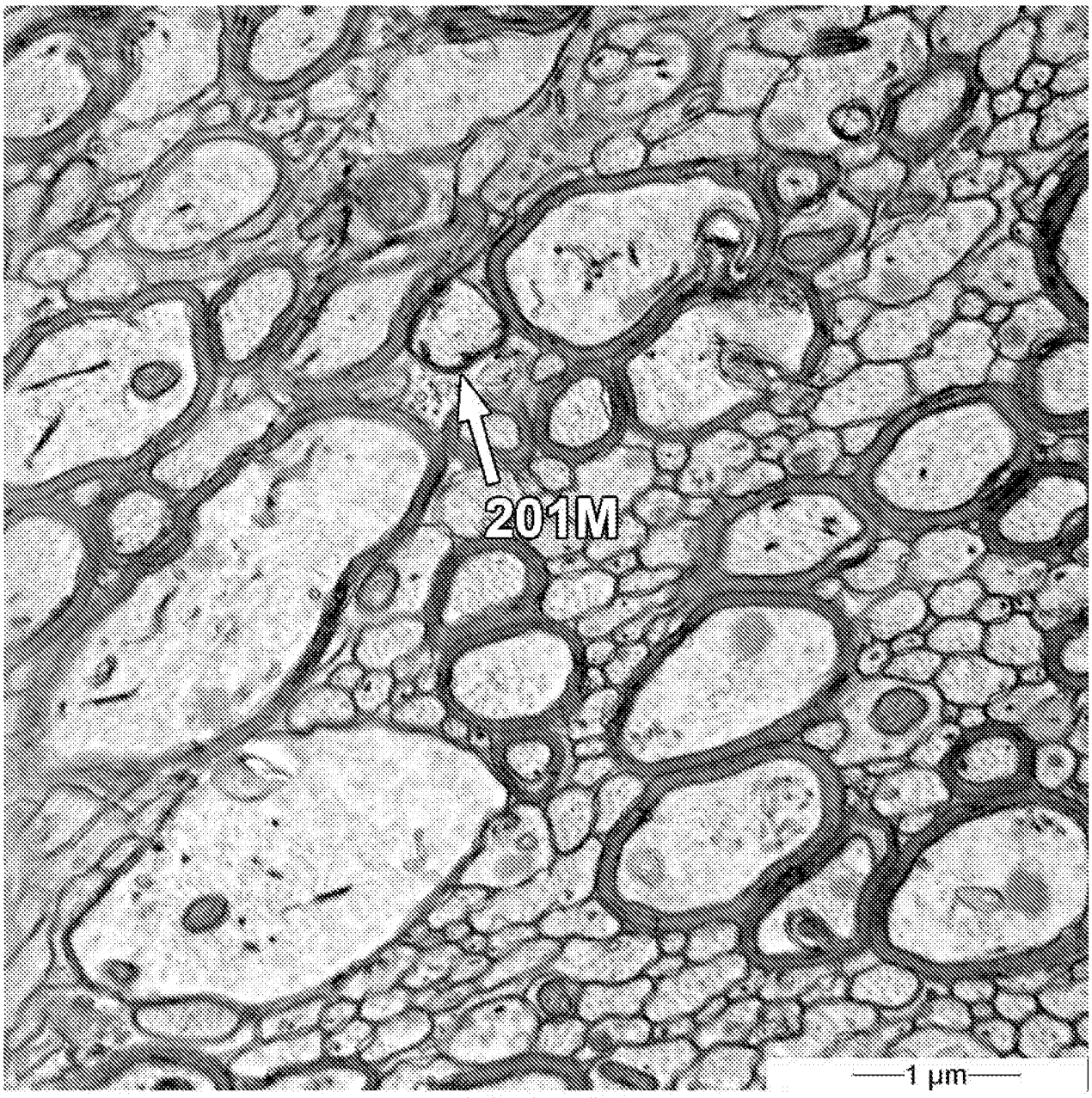


FIG. 38F



FIG. 38G

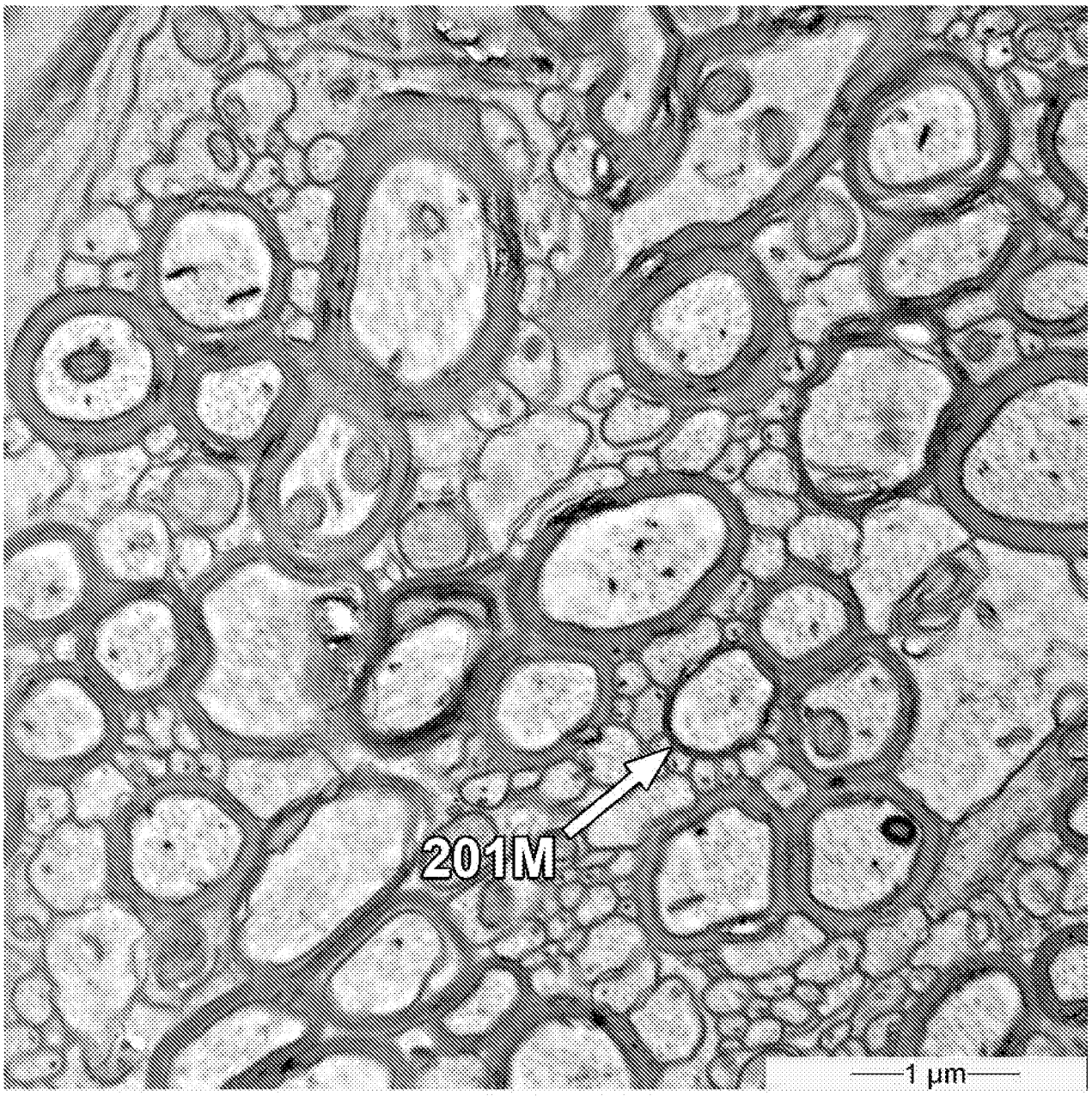


FIG. 38H

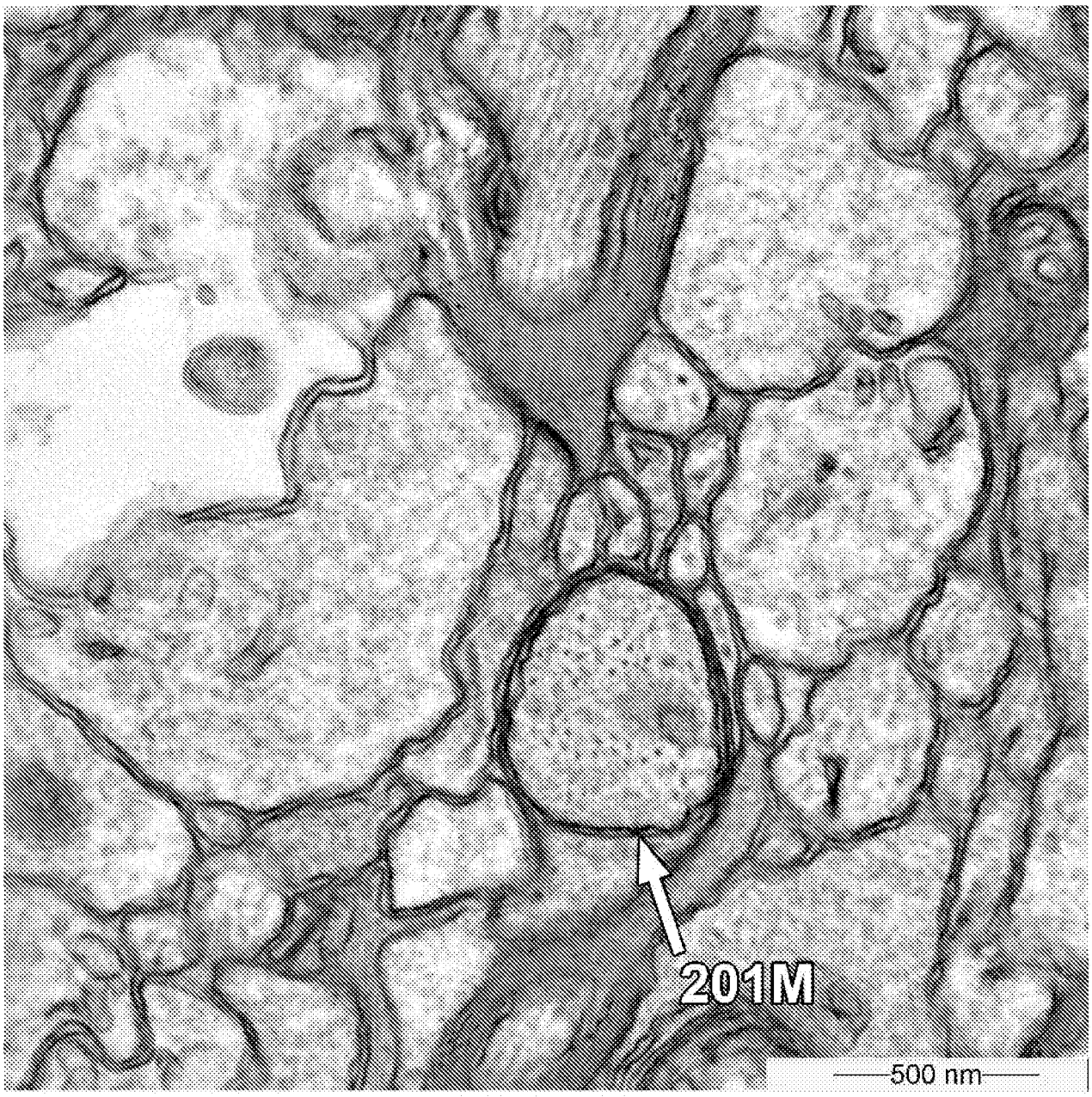


FIG. 38I

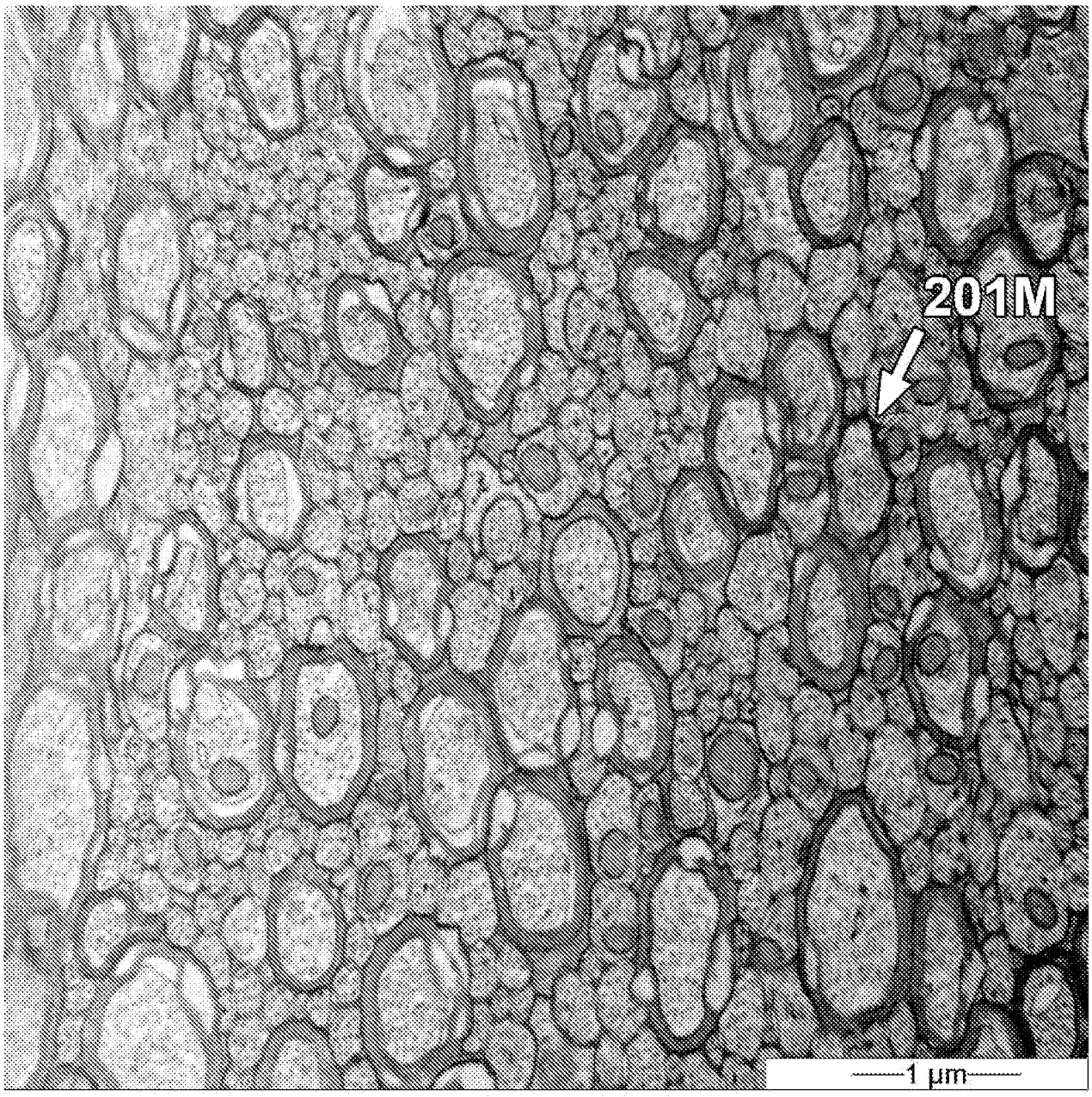


FIG. 38J

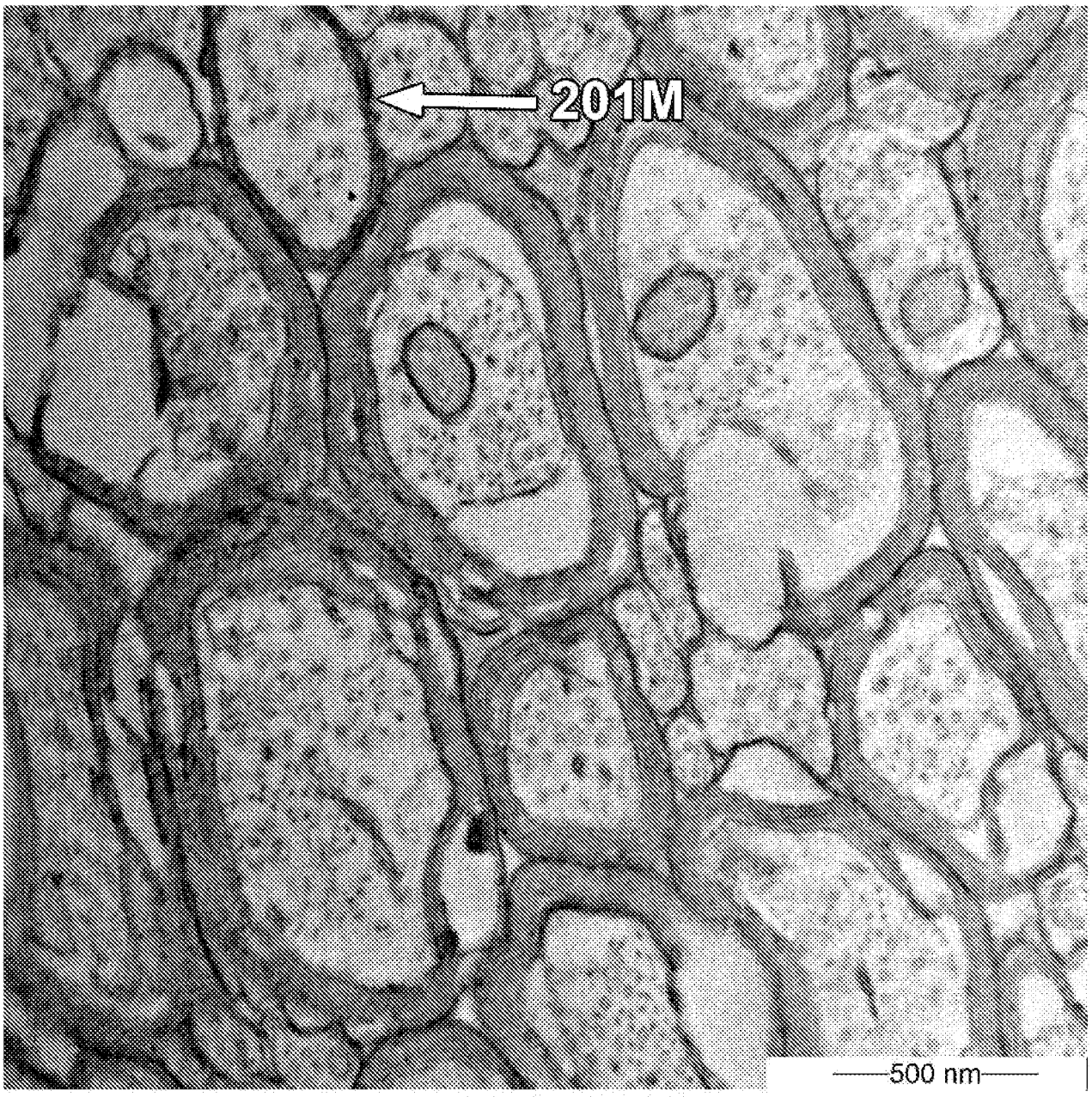


FIG. 38K

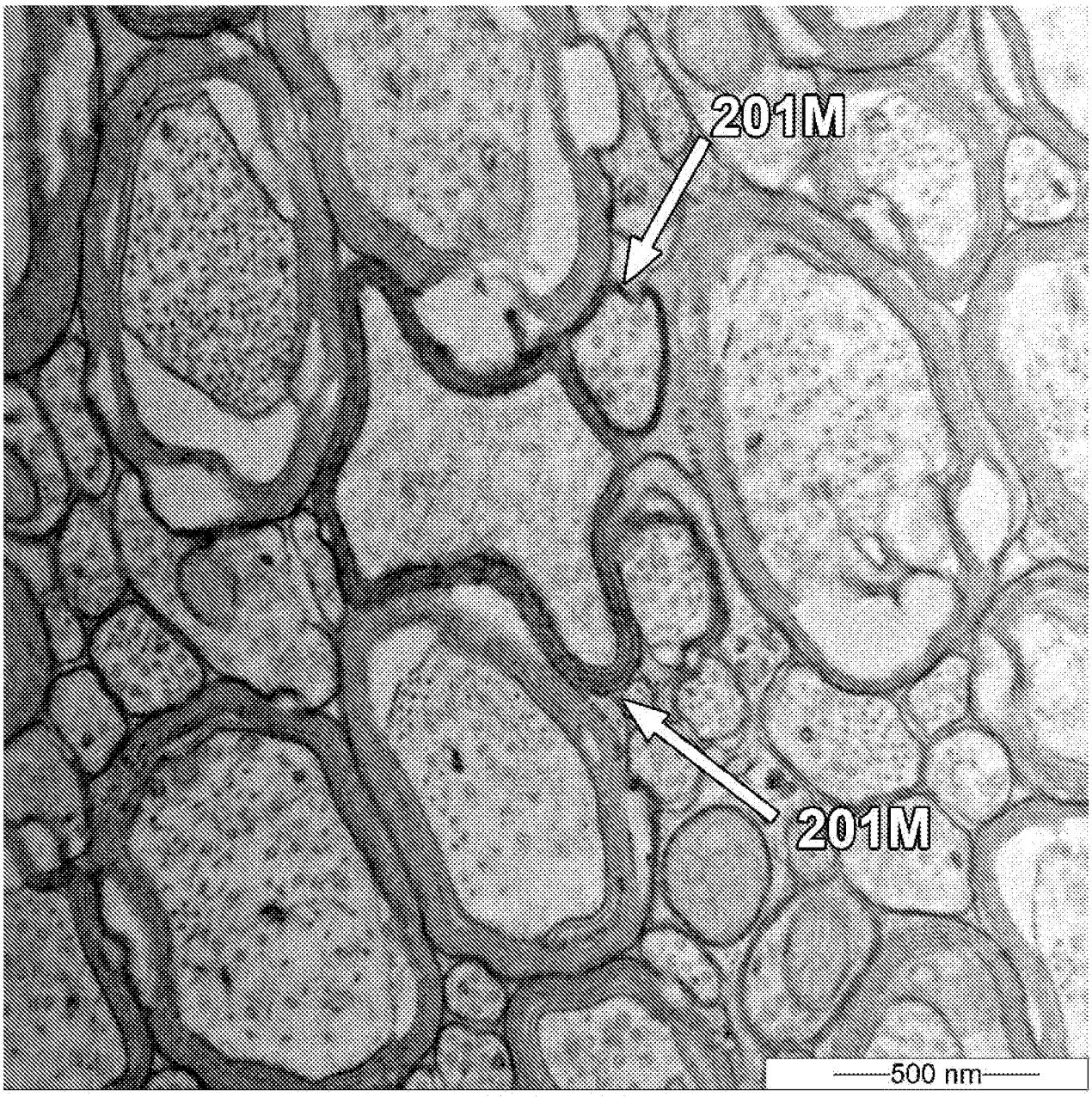


FIG. 38L

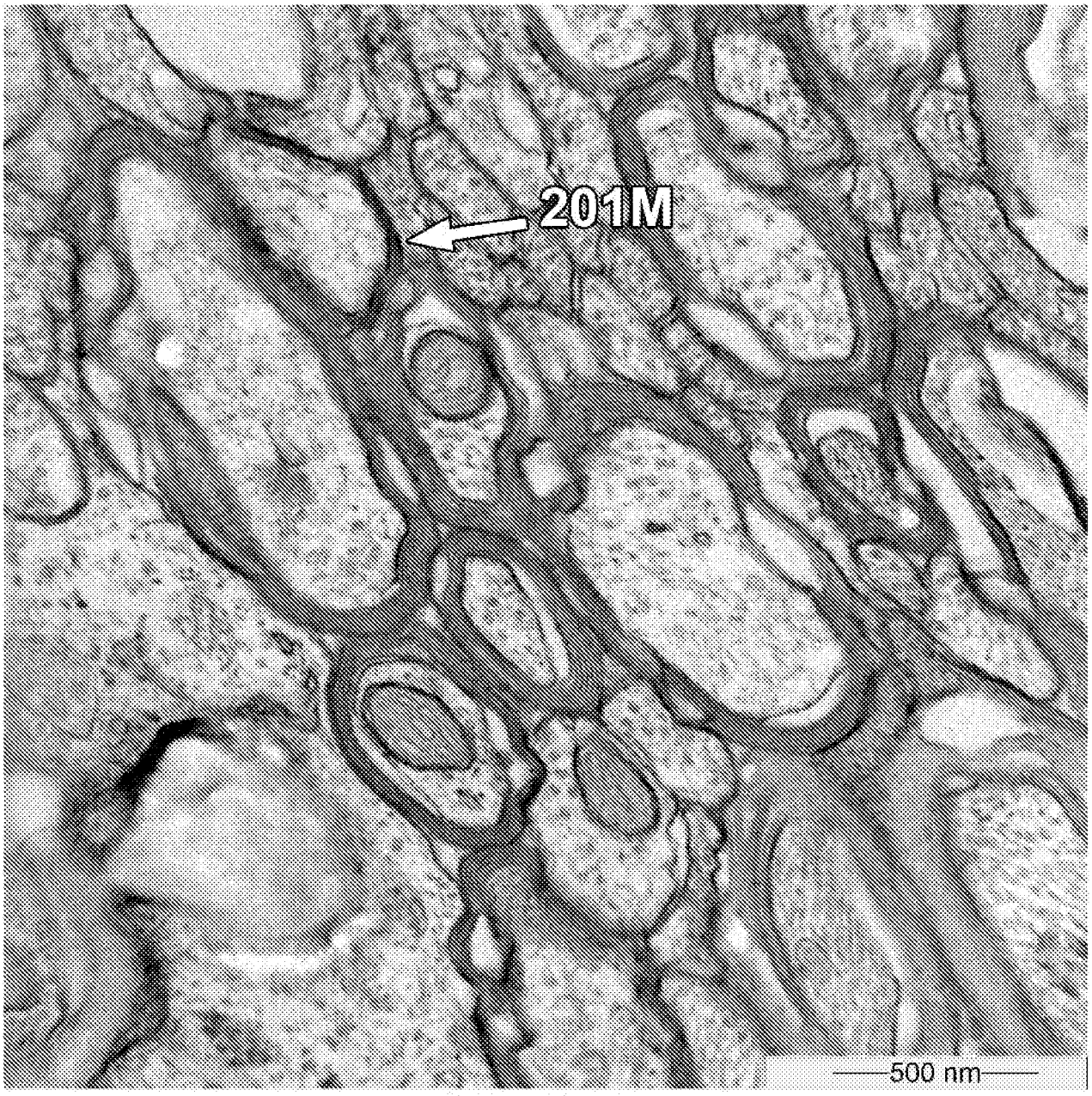


FIG. 39A

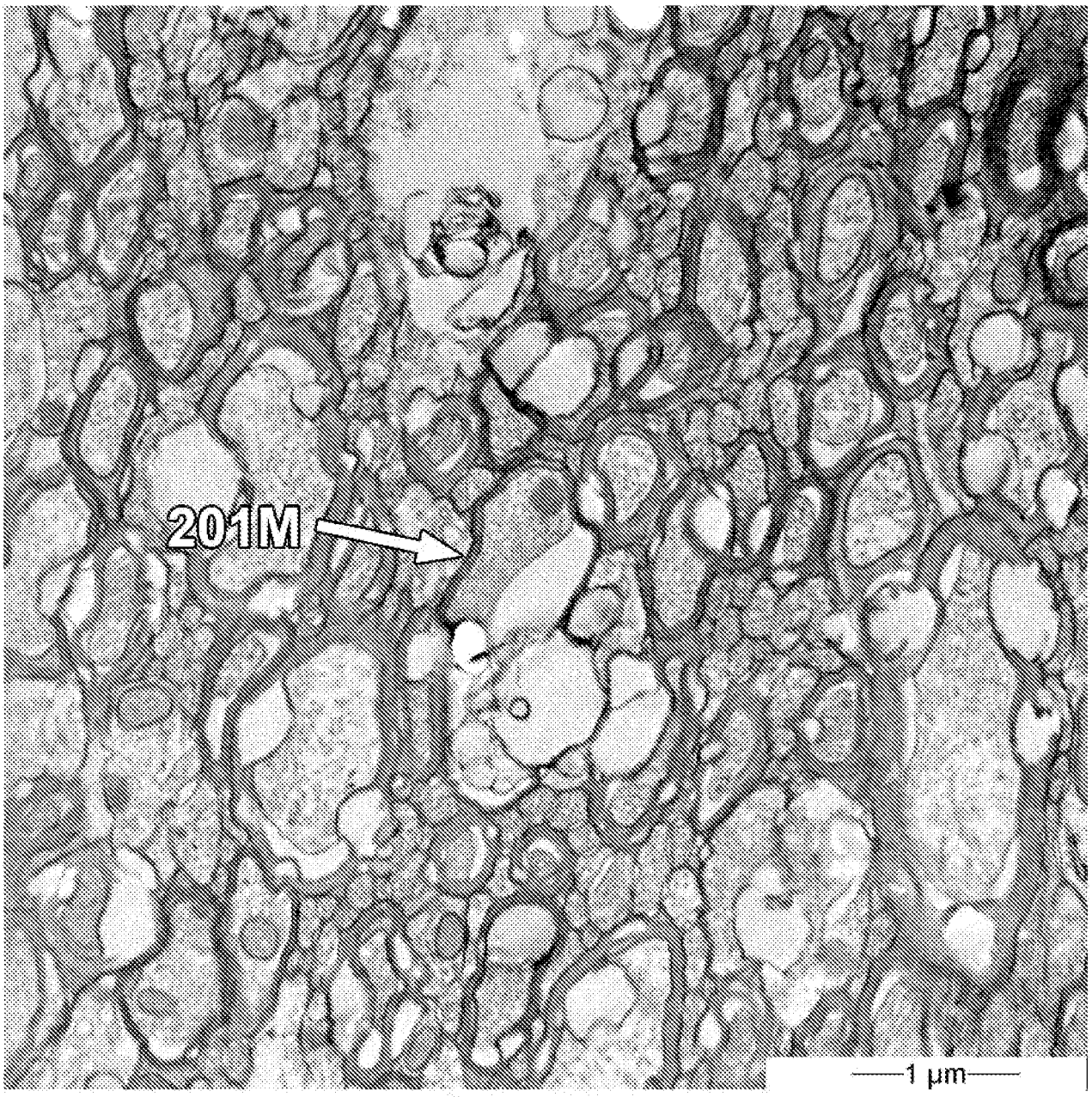


FIG. 39B

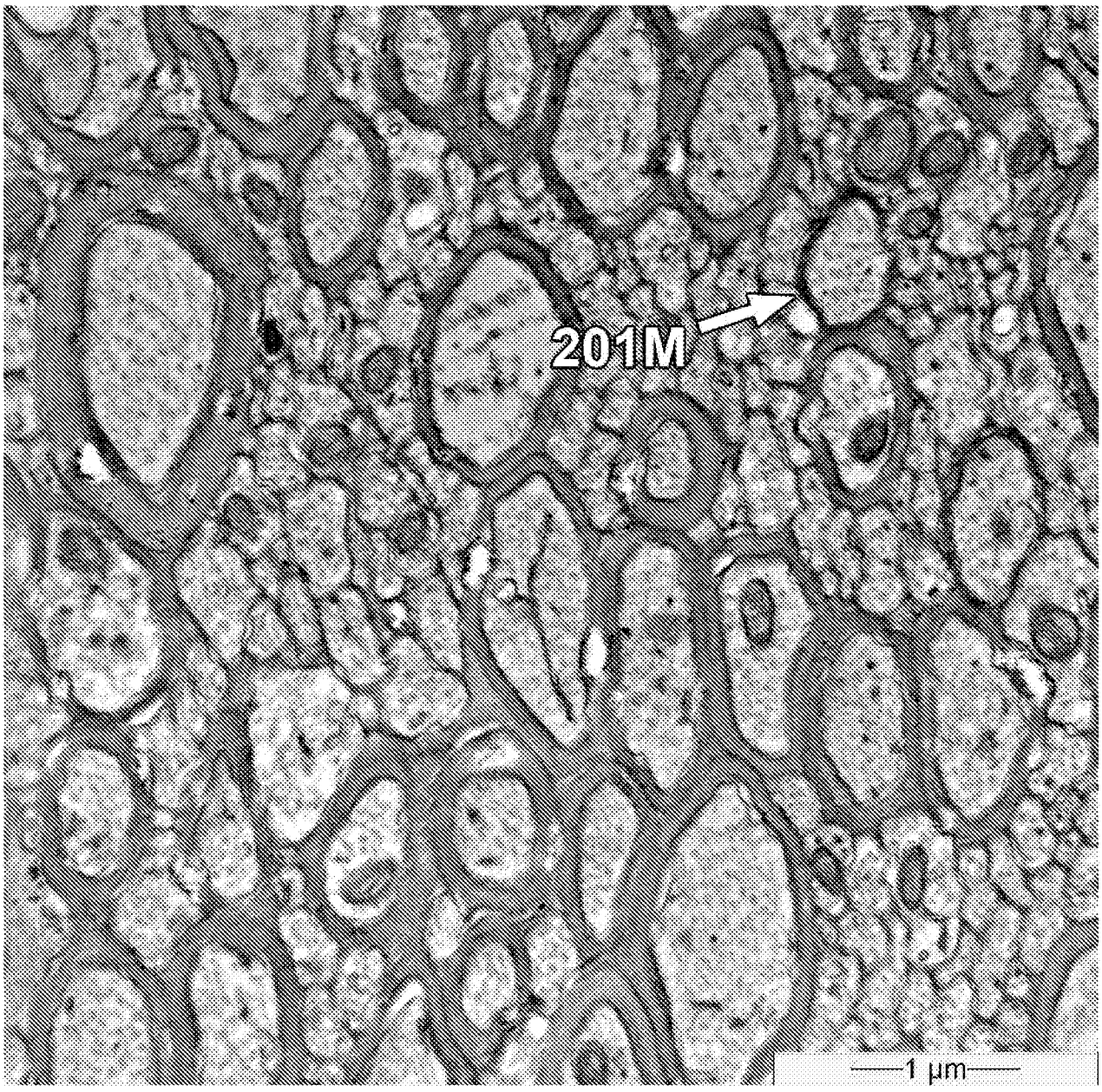


FIG. 39C

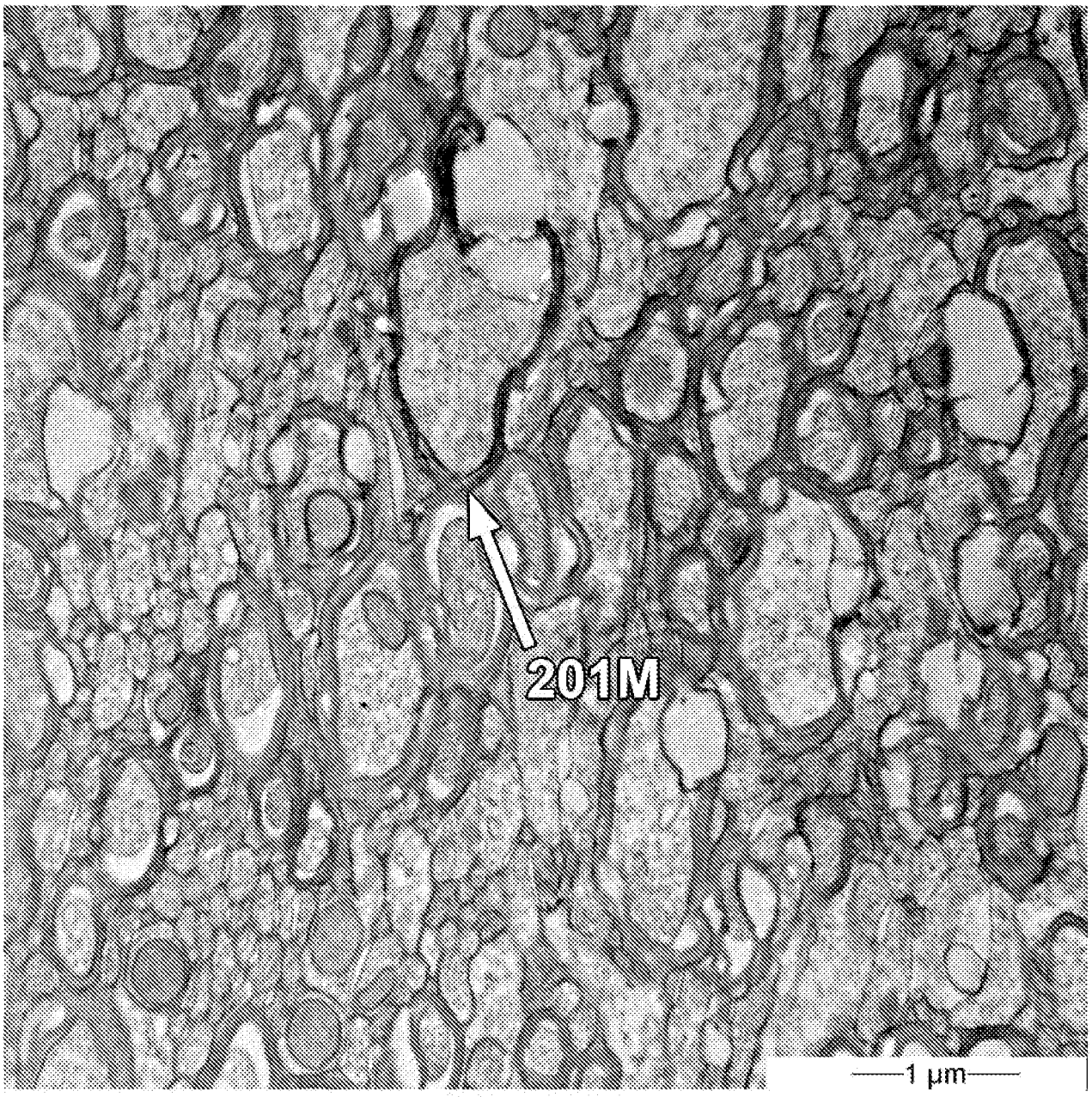


FIG. 39D

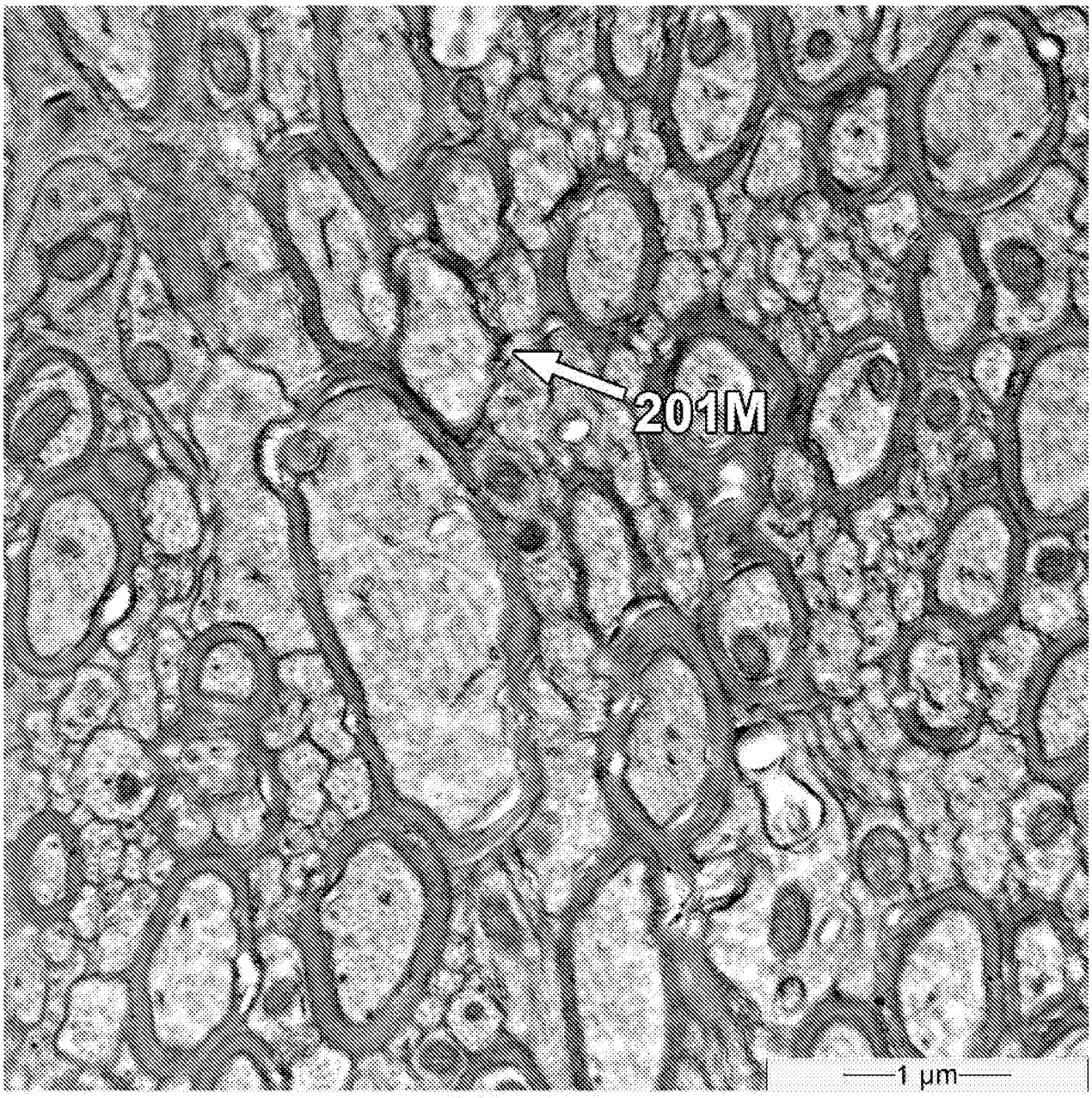


FIG. 39E

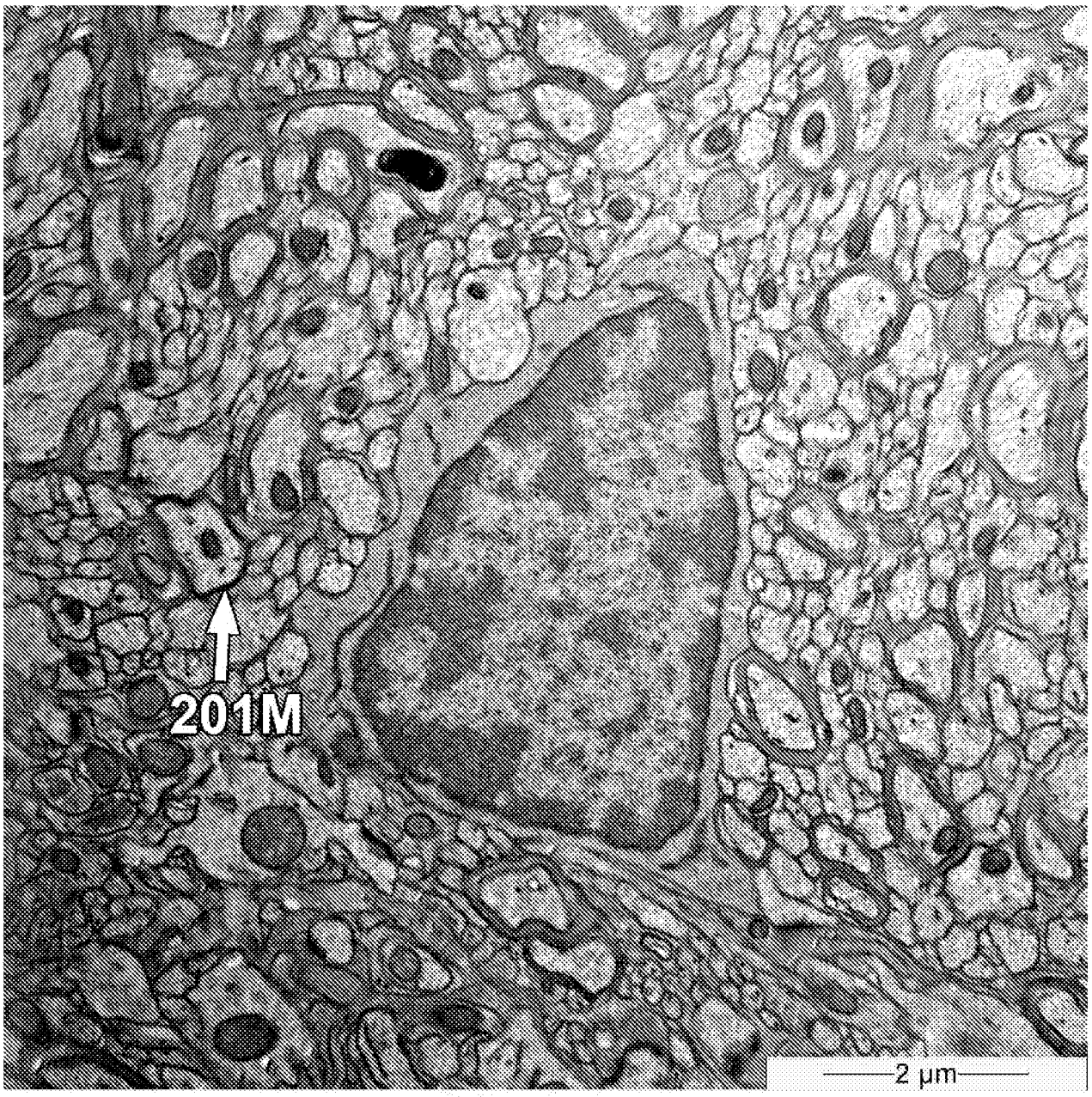


FIG. 39F

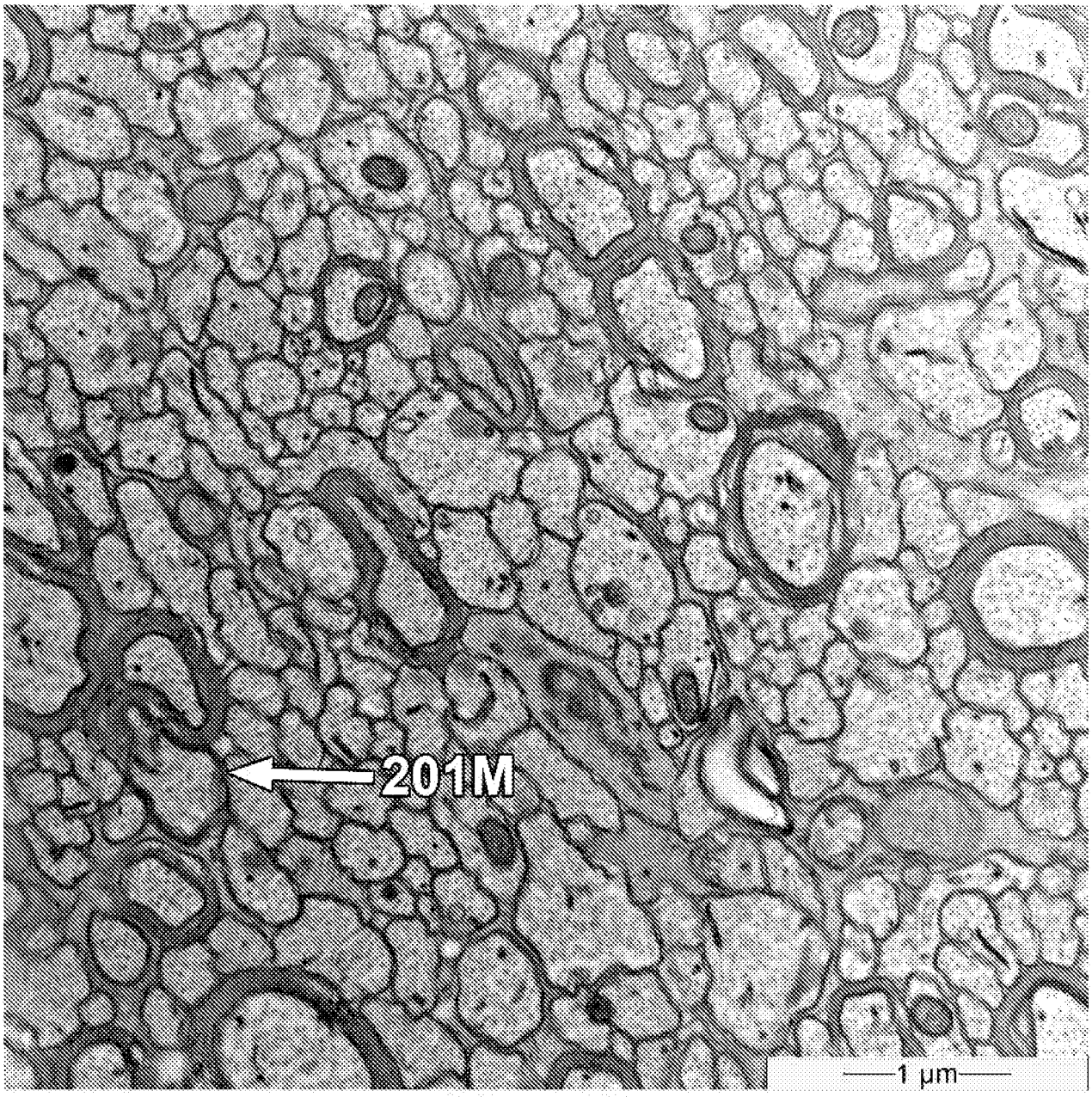


FIG. 39G

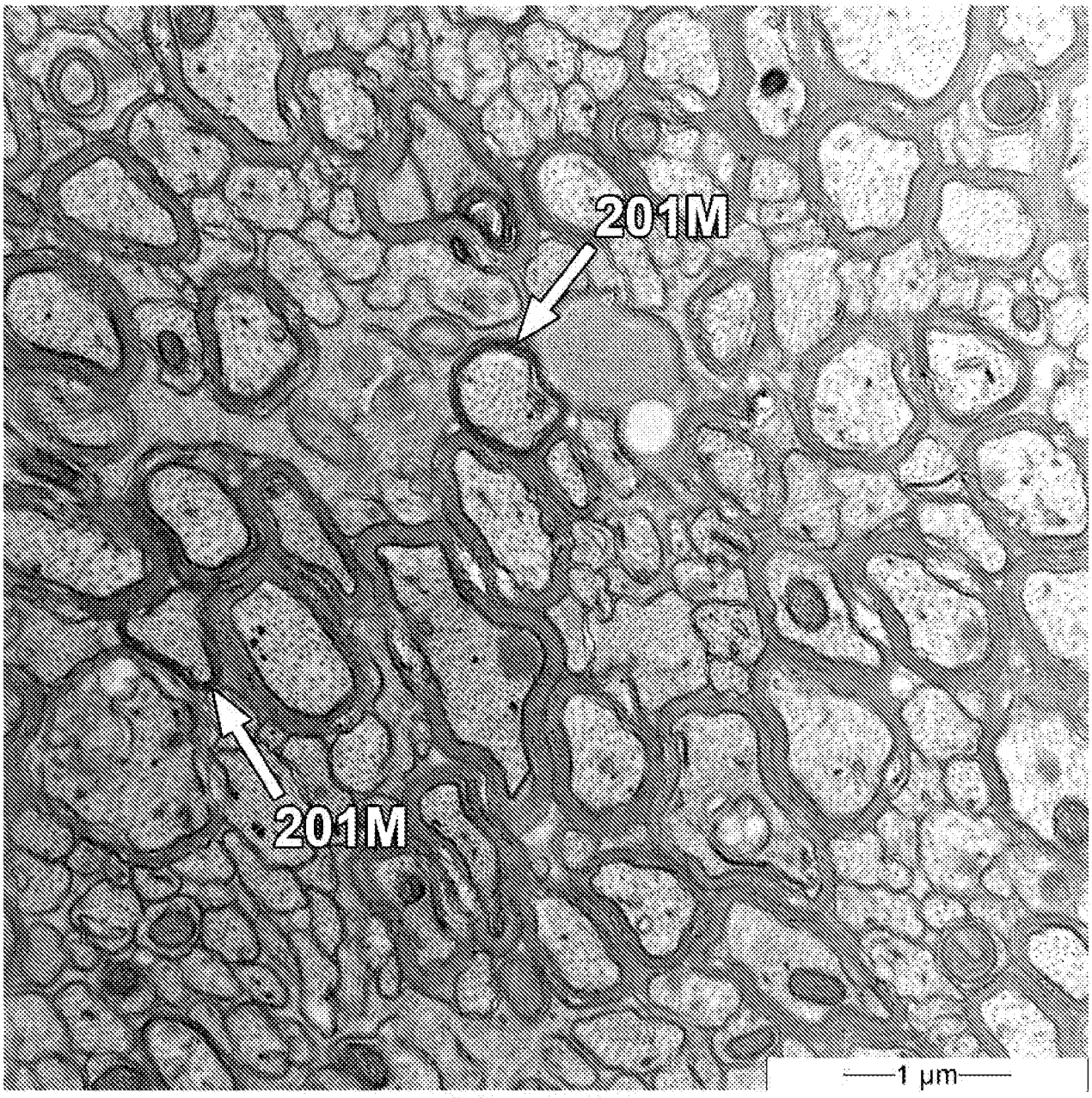


FIG. 39H

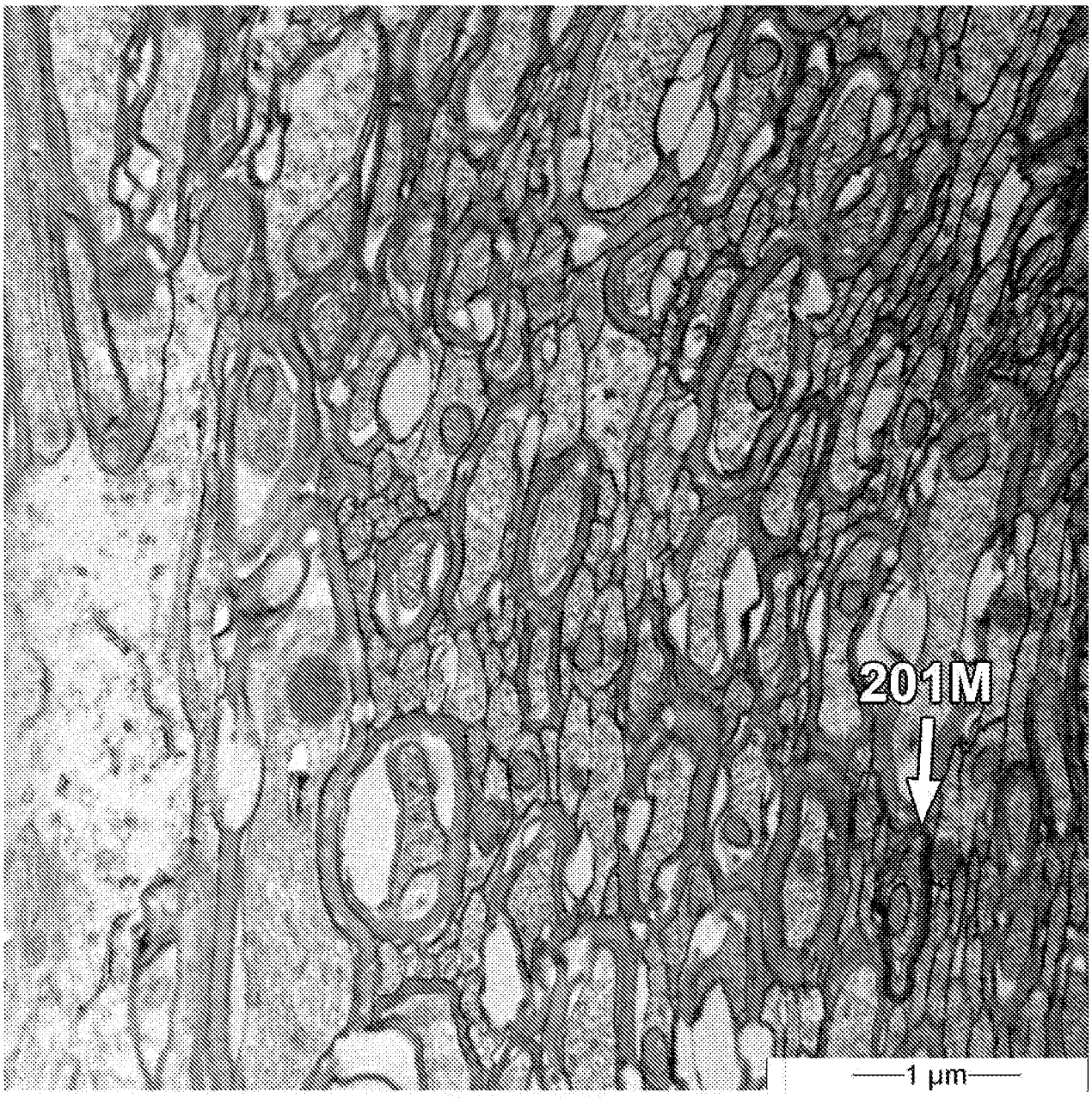


FIG. 39I

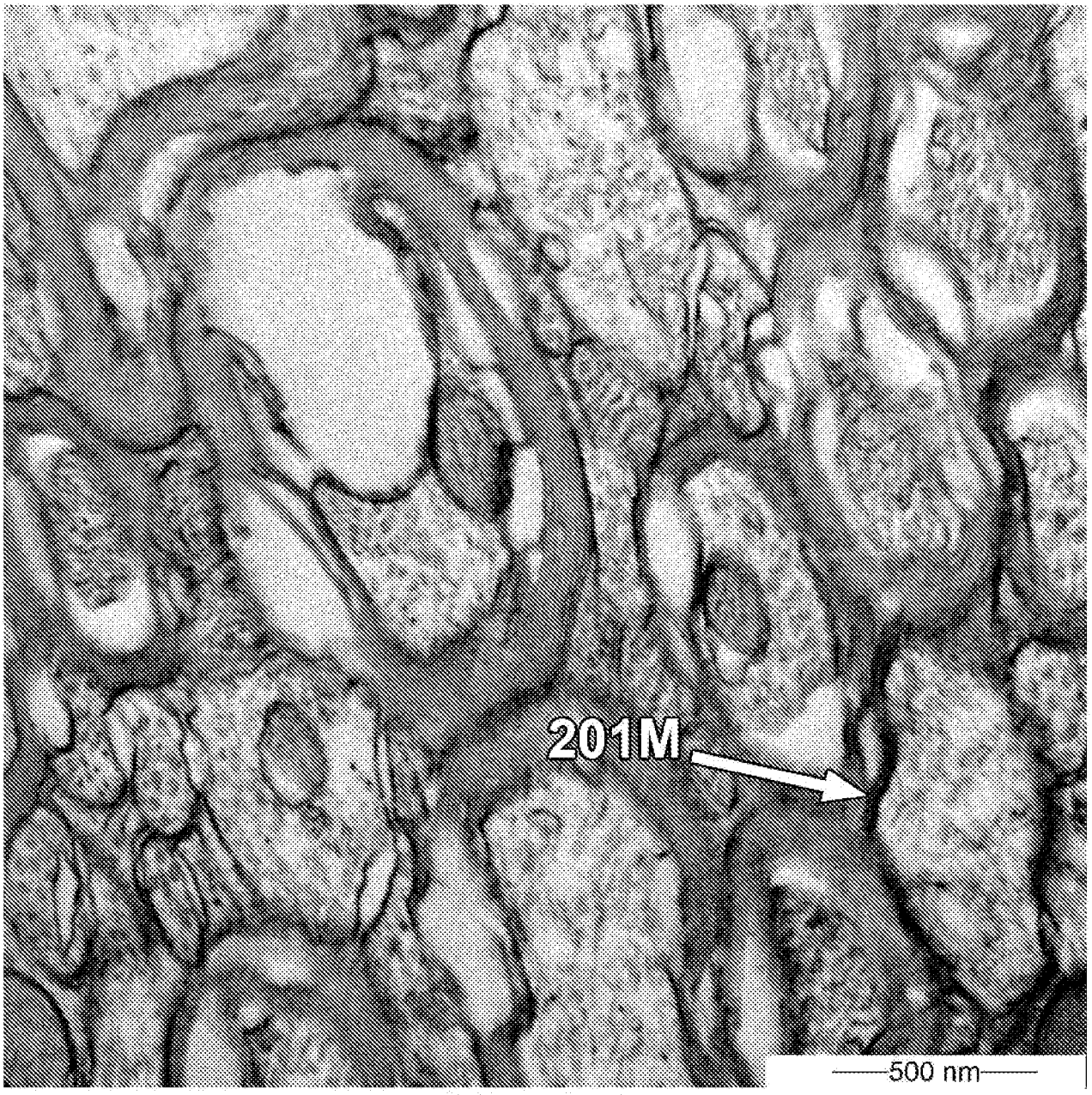


FIG. 39J

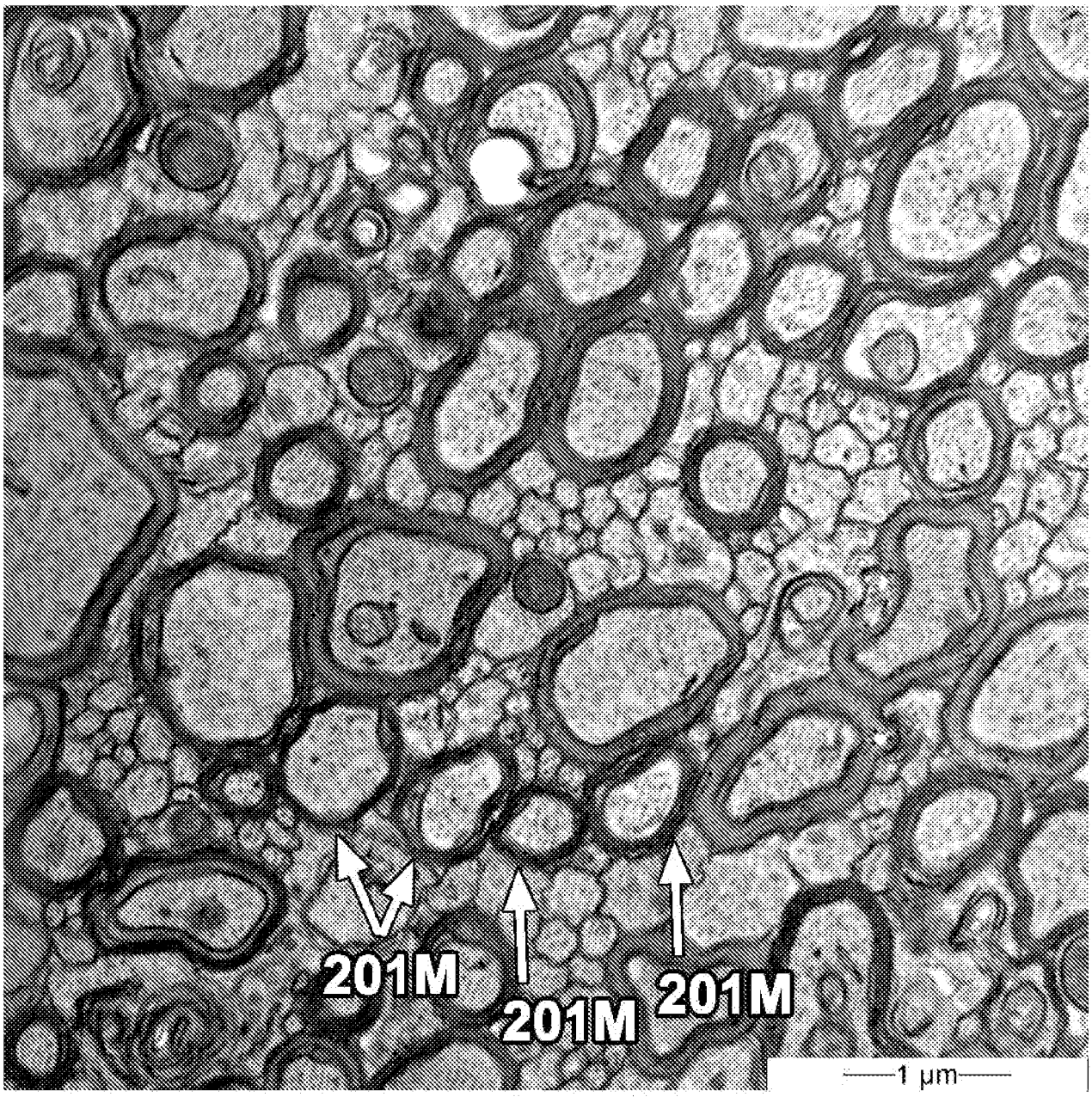


FIG. 40A

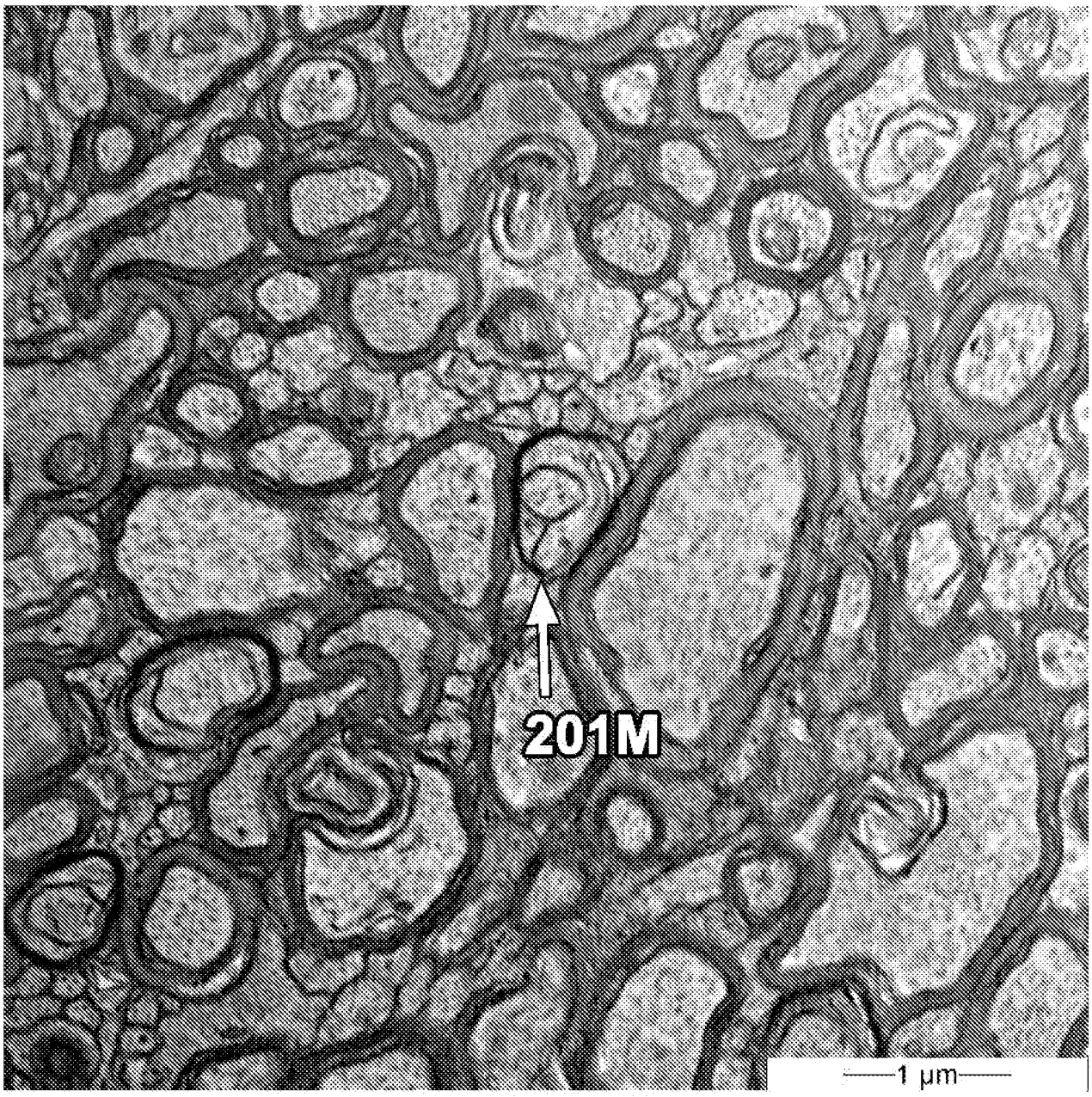


FIG. 40B

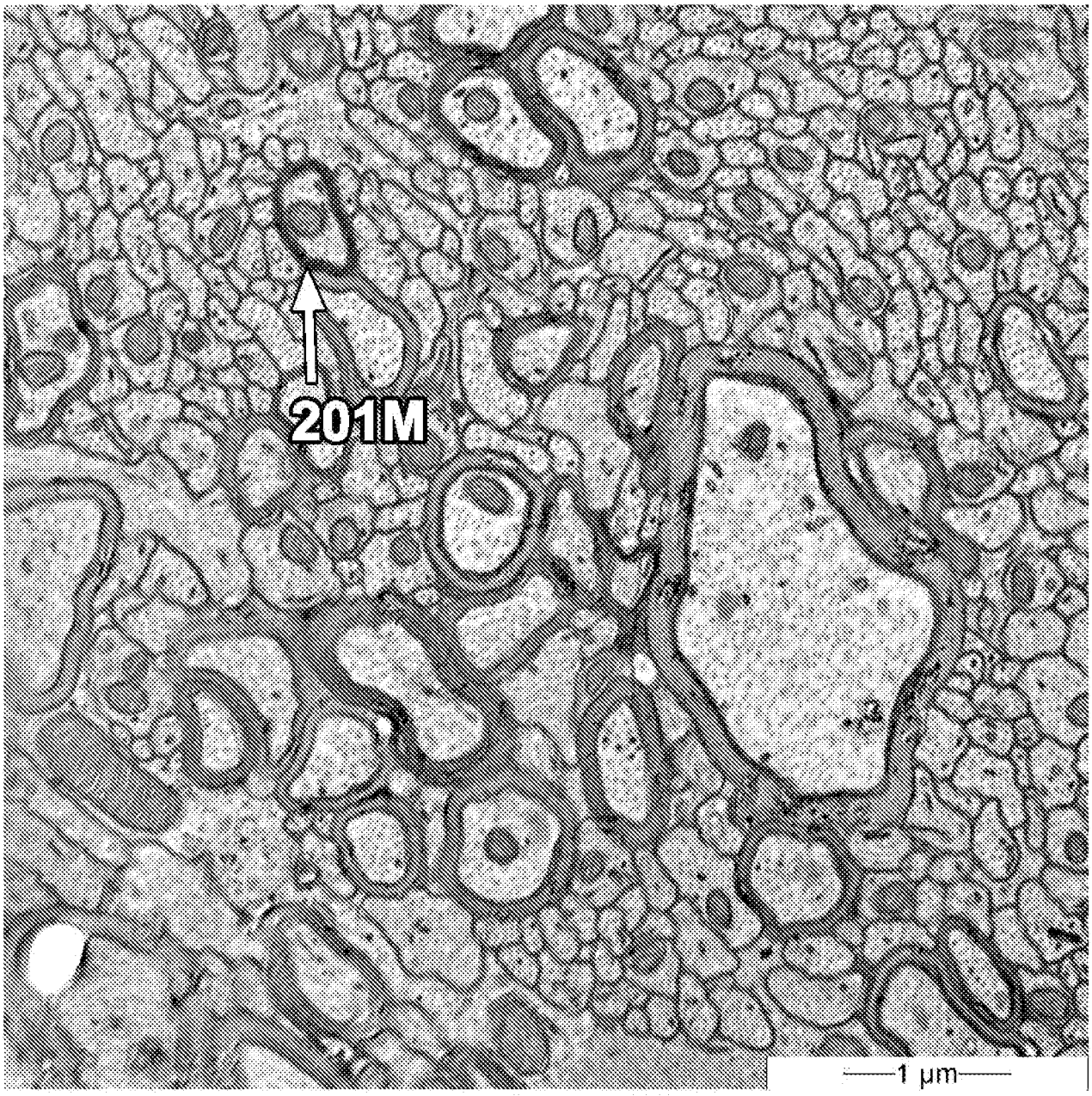


FIG. 40C

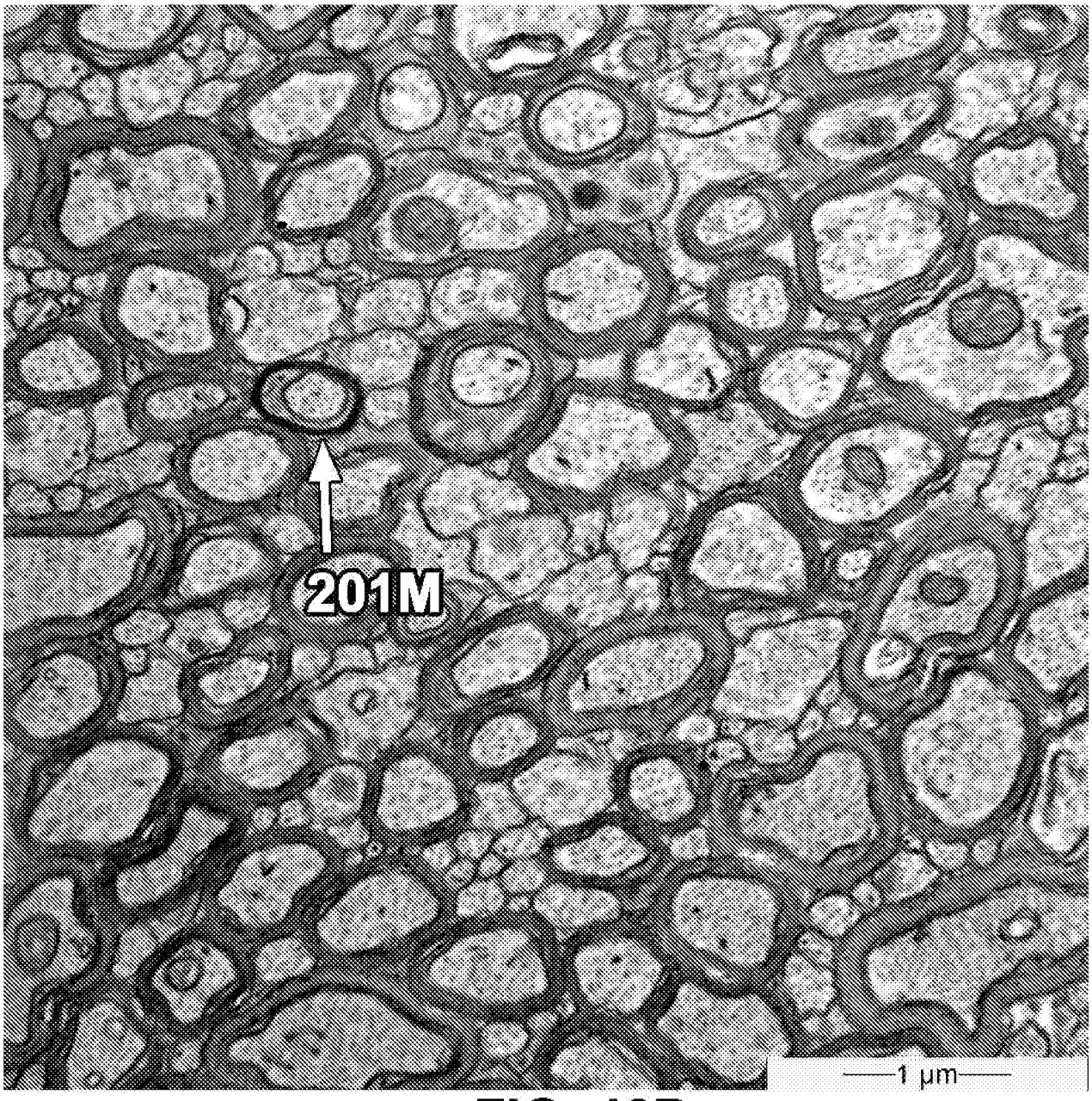


FIG. 40D

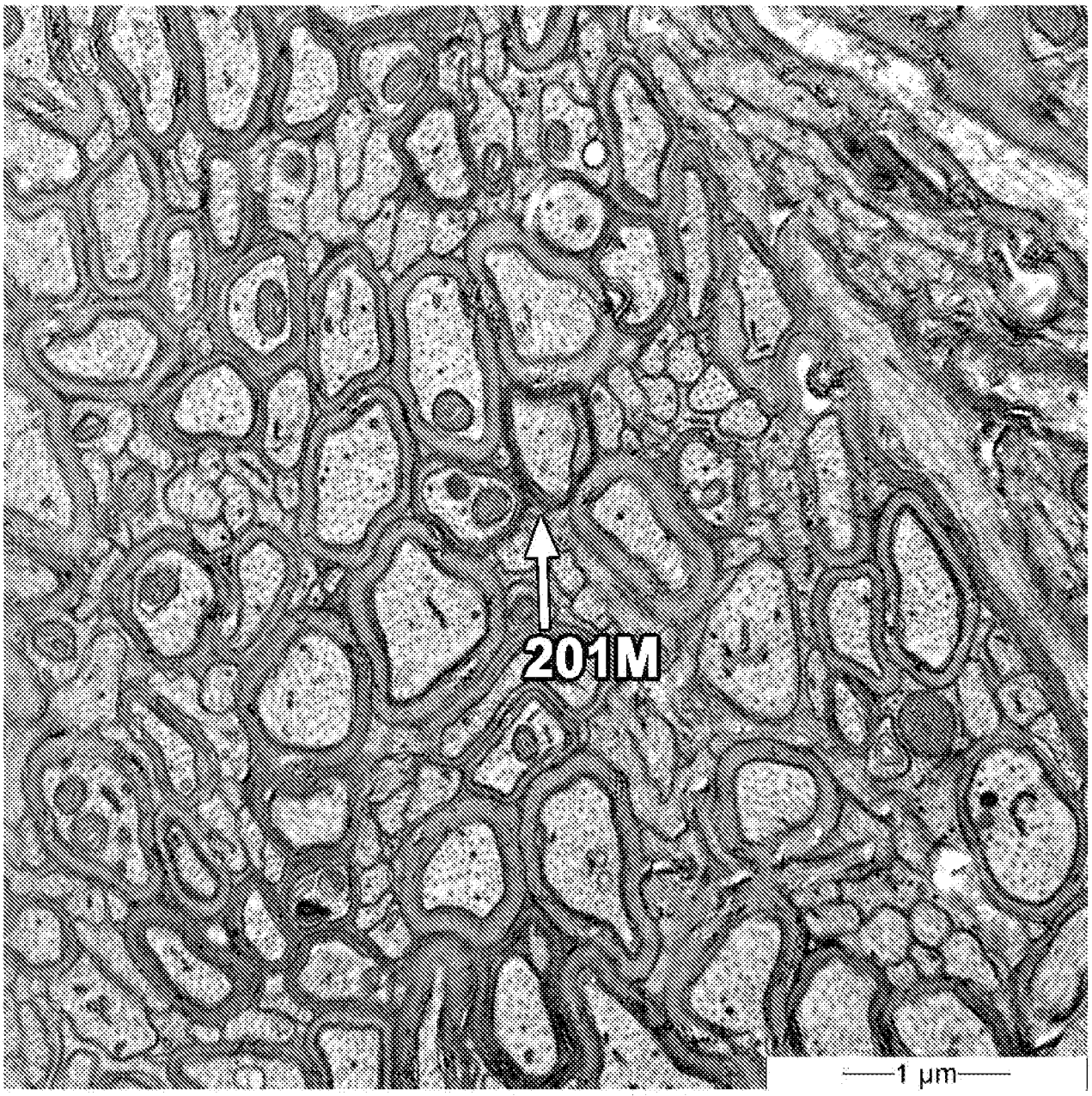


FIG. 40E

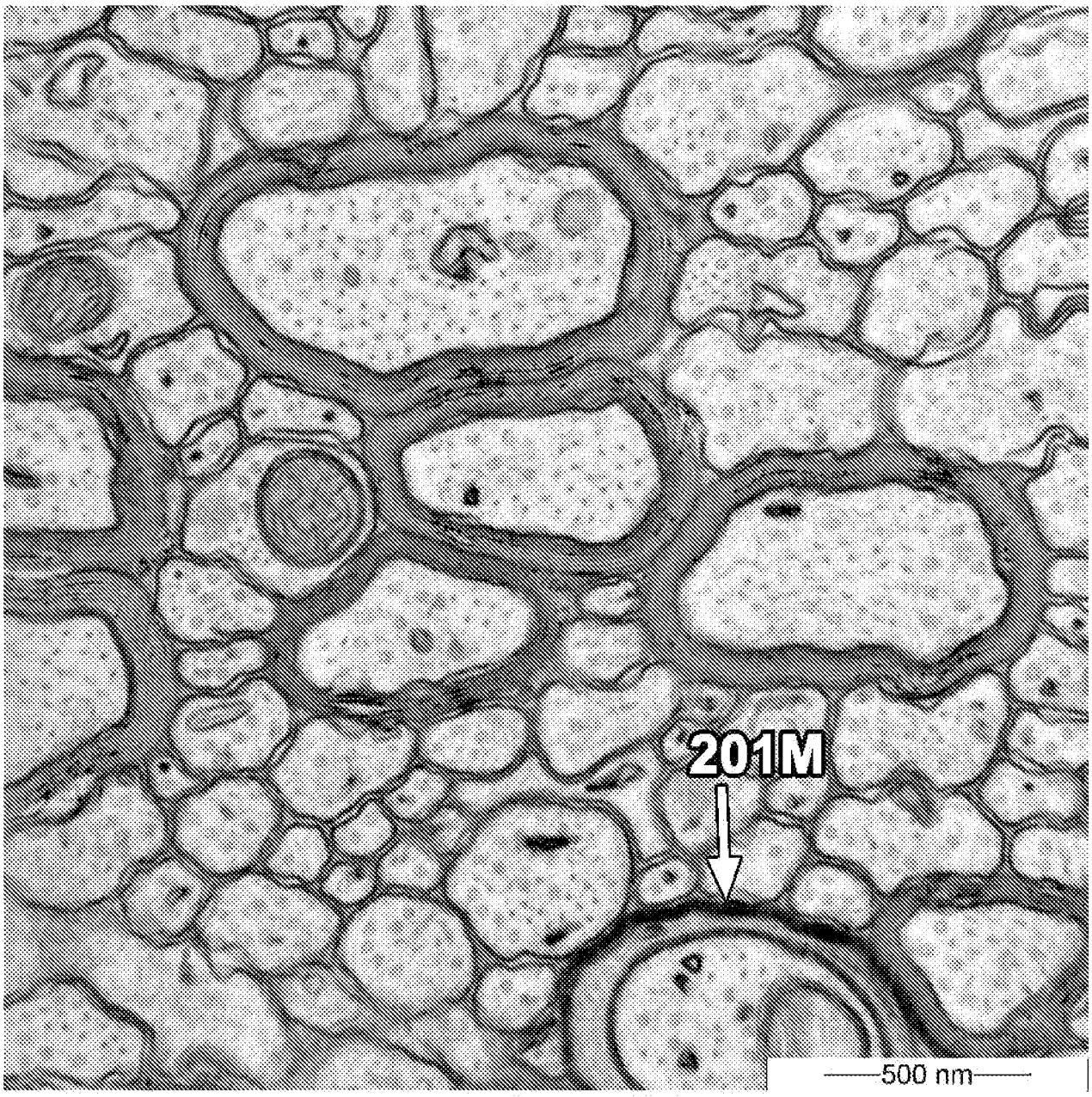


FIG. 40F

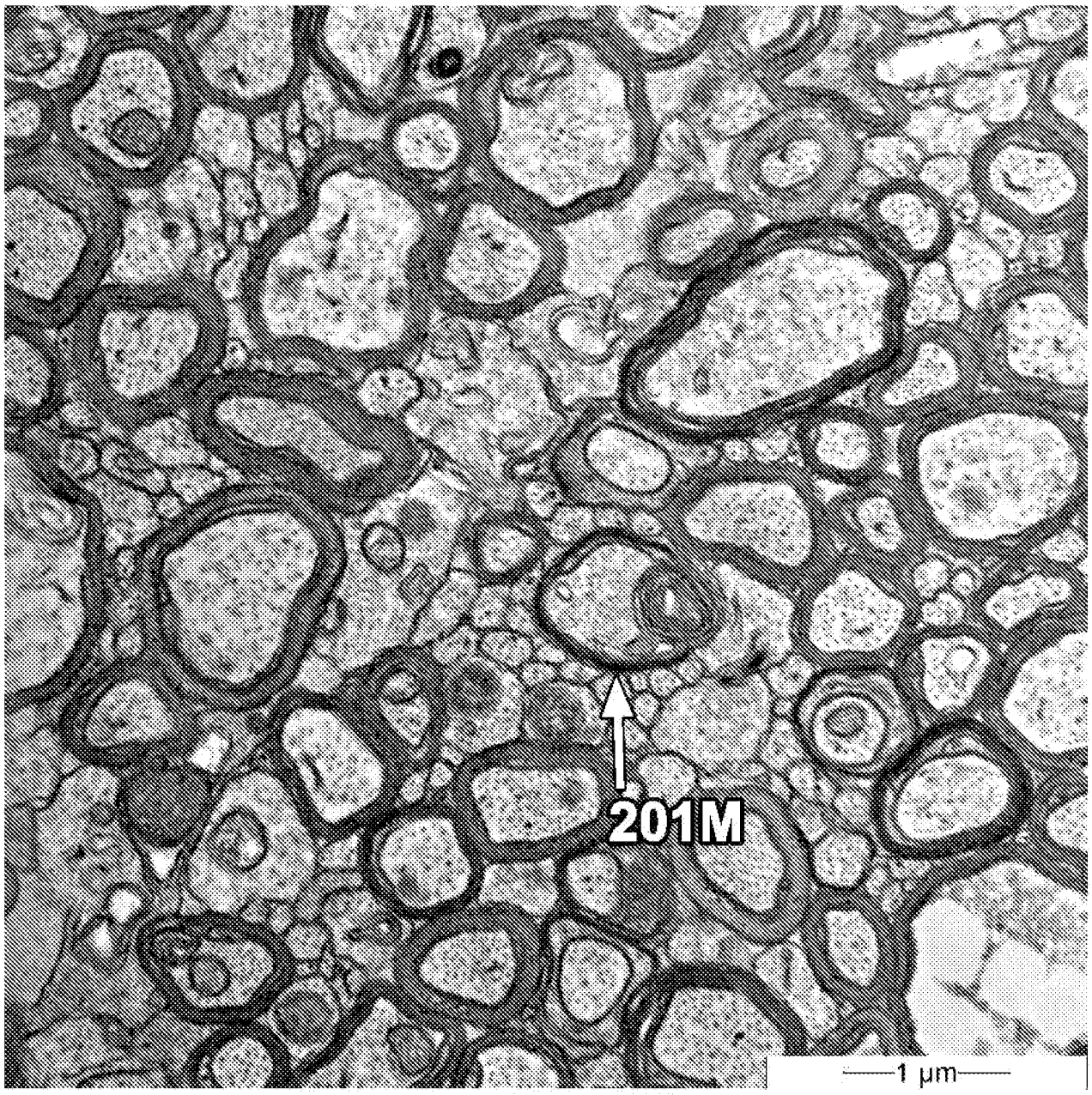


FIG. 40G

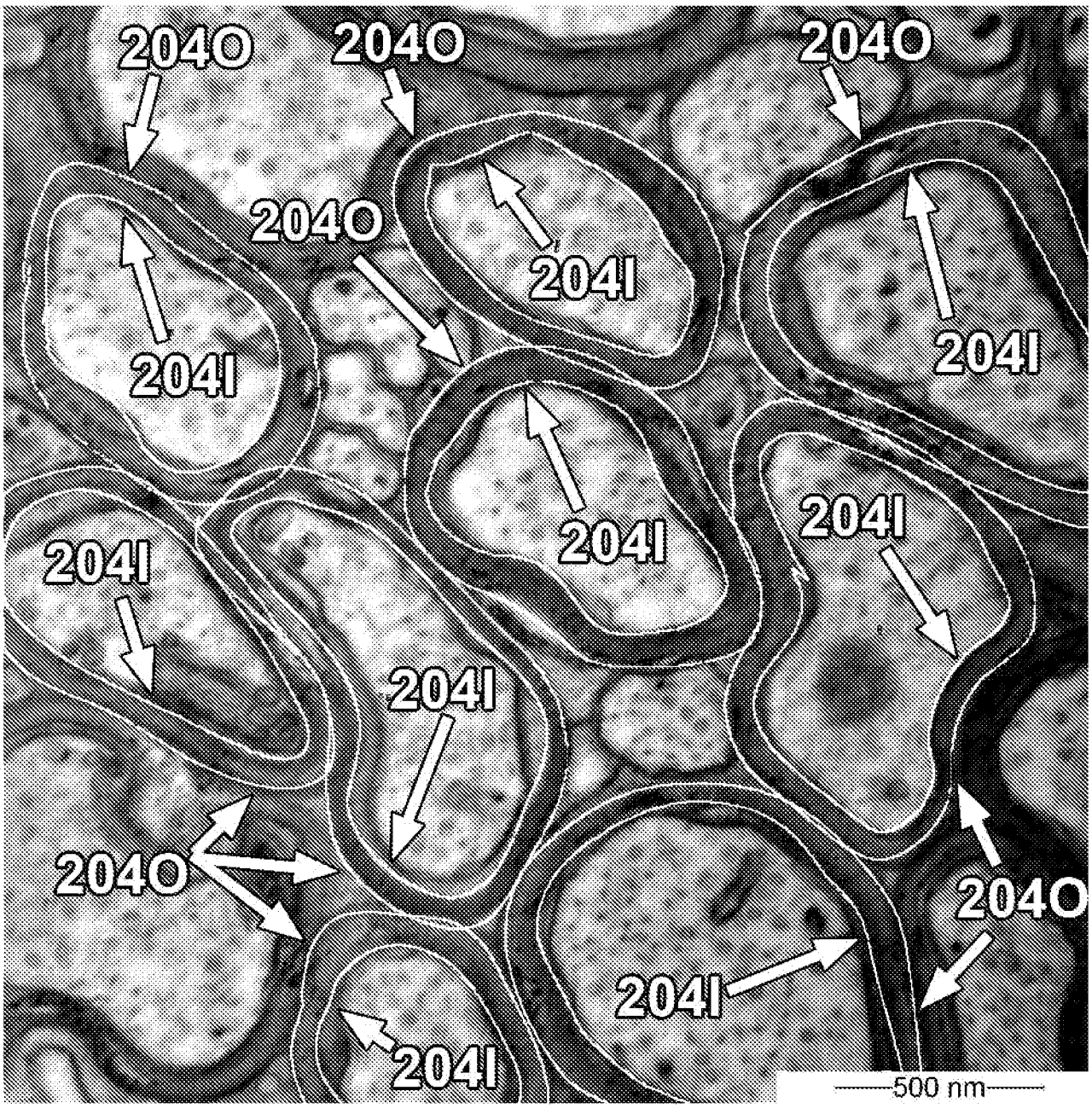

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500 nm

FIG. 41A

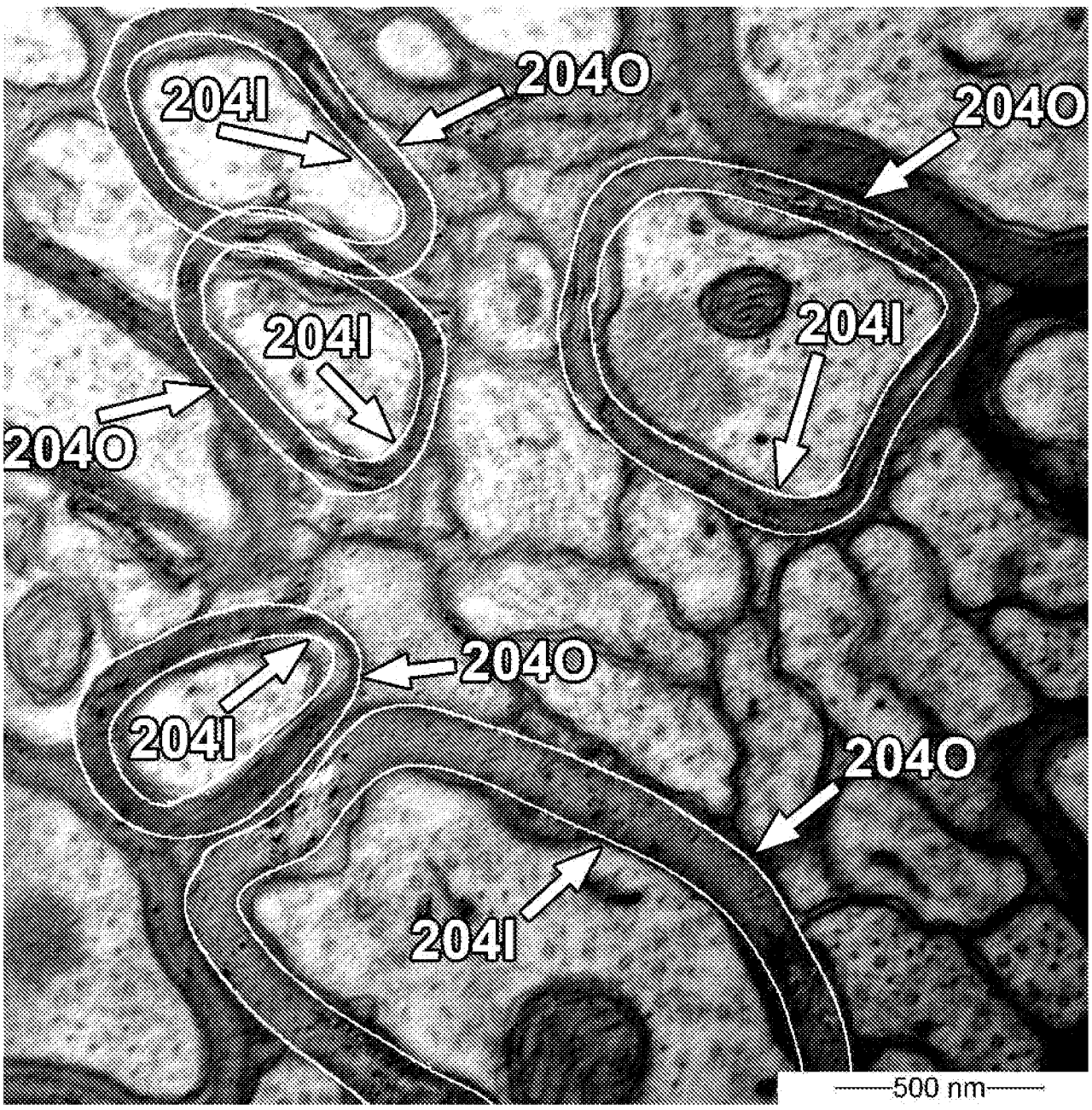


FIG. 41B

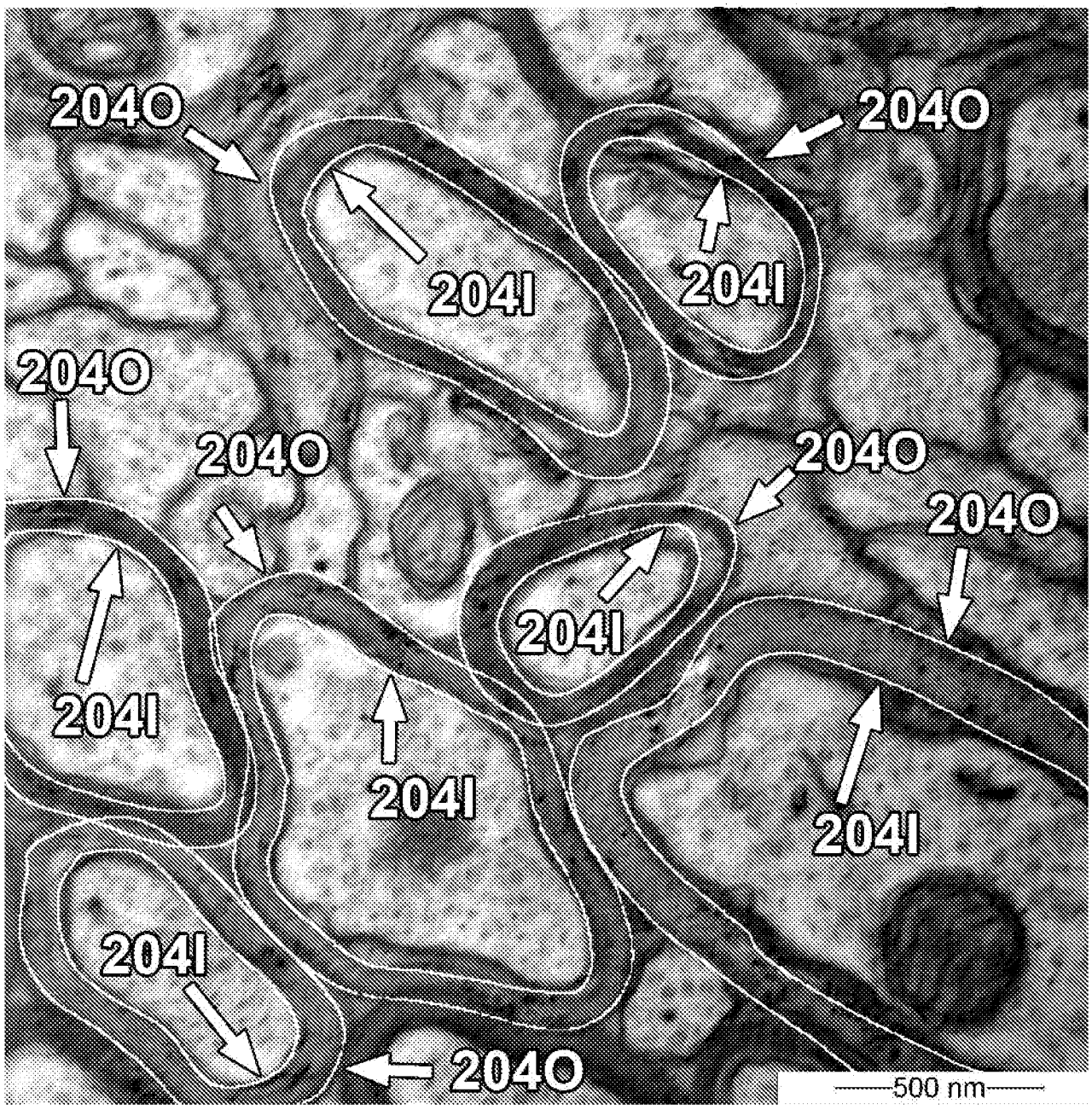

204O
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500 nm

FIG. 41C

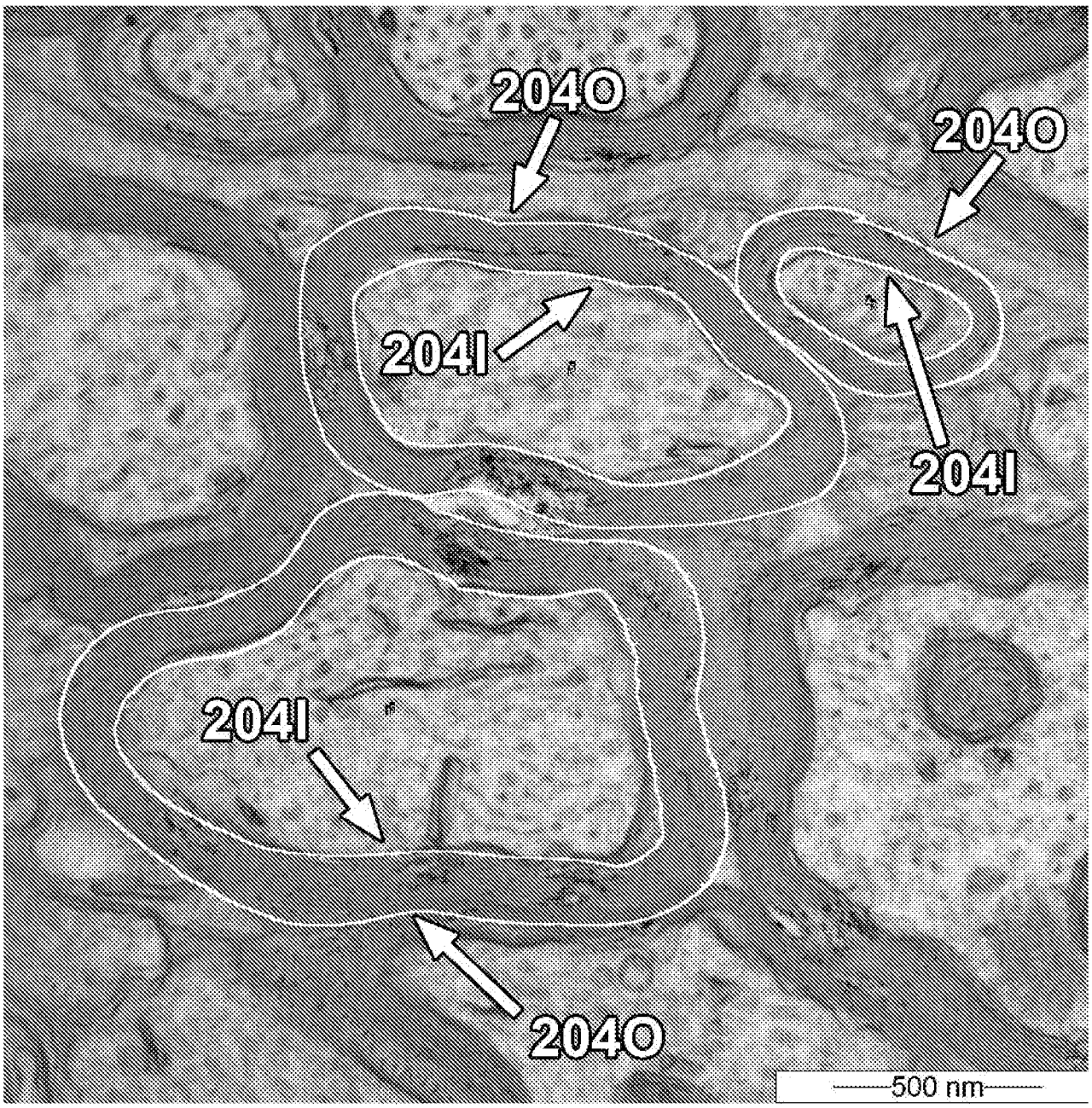


FIG. 42A

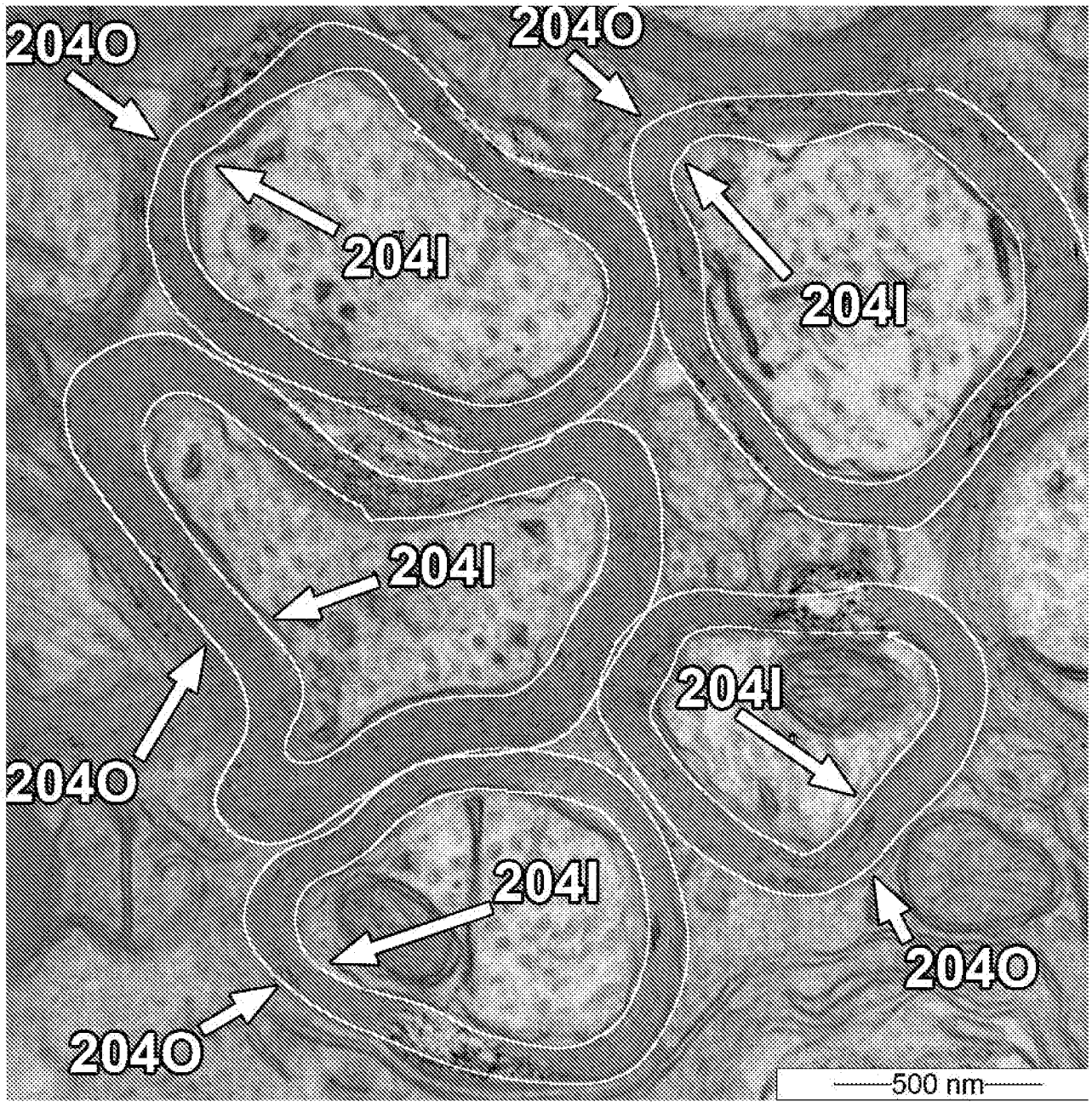


FIG. 42B

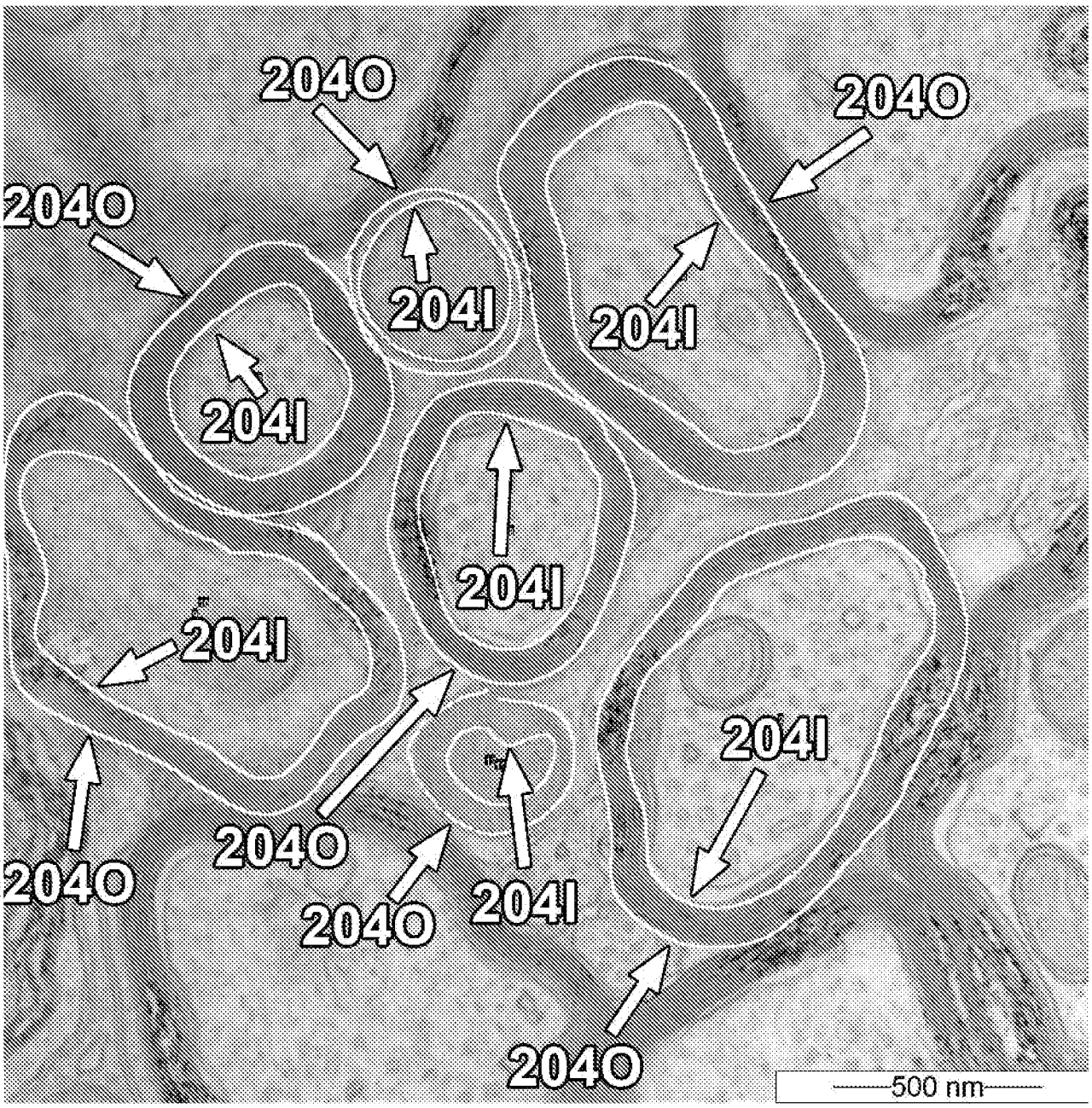

204O
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204O
204I
204O
204I
500 nm

FIG. 42C

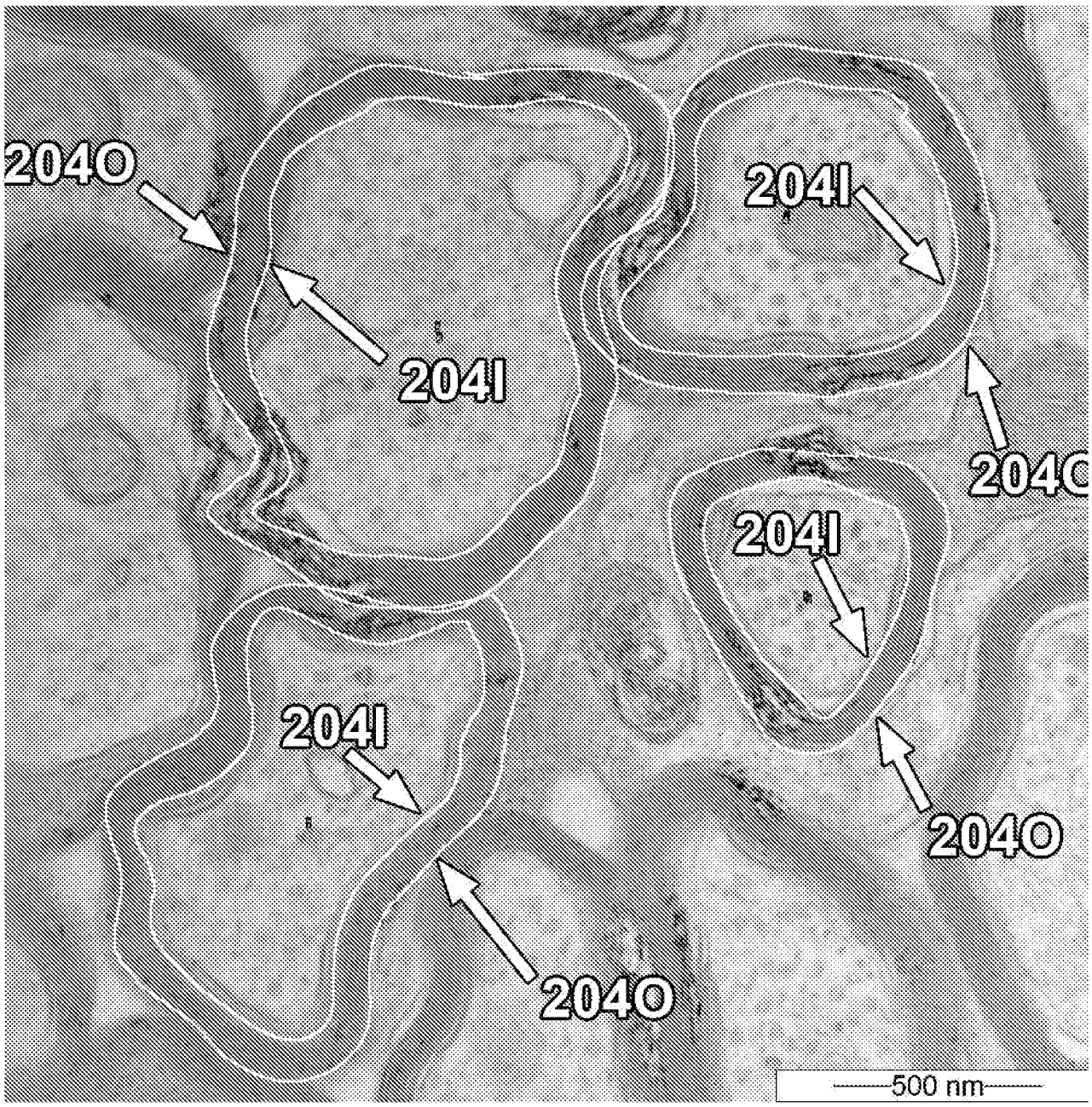


FIG. 42D

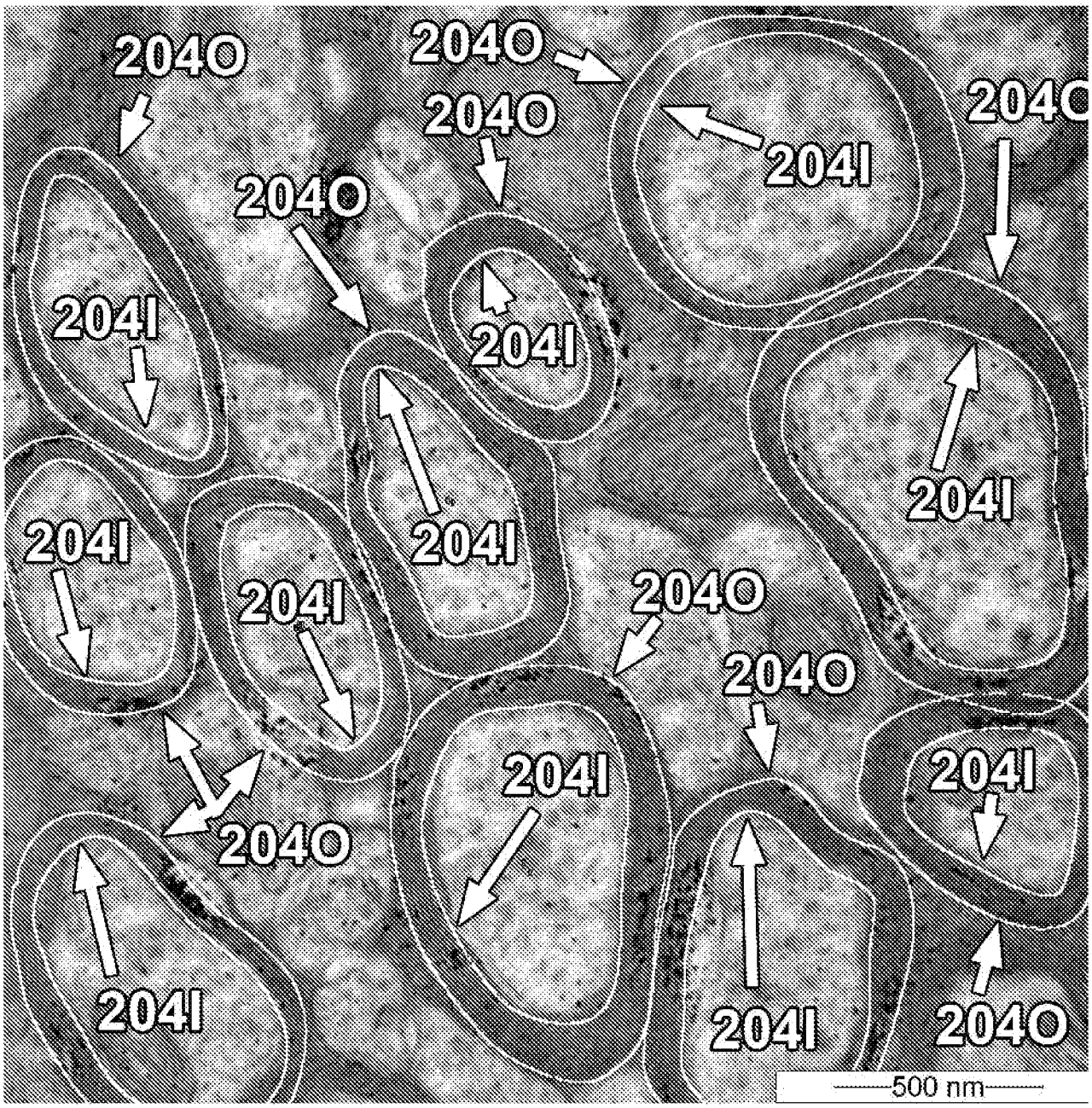

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204I
204O
500 nm

FIG. 43A

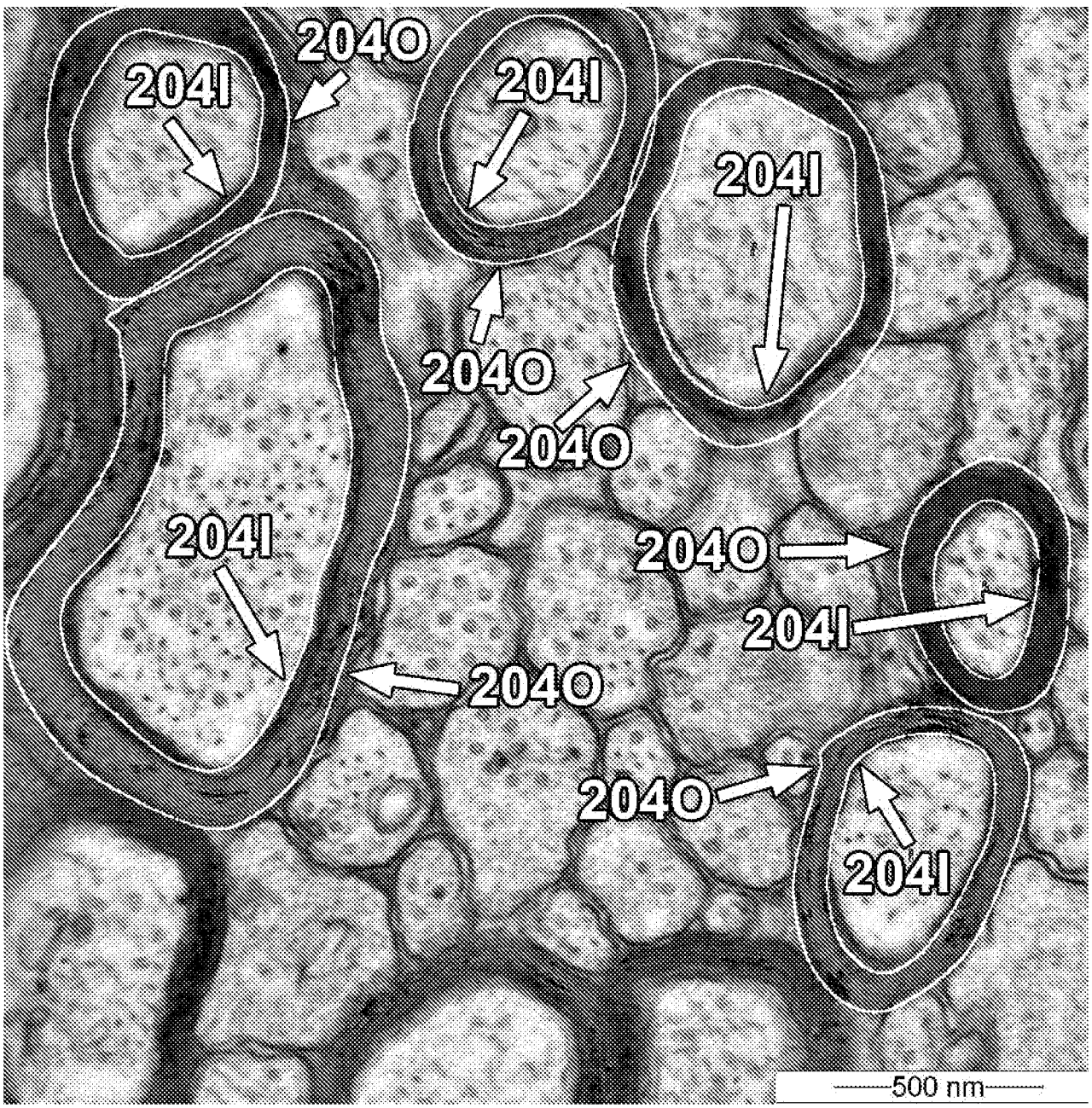

204O
204I
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204O
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204I
204O
204O
204I
204O
204I
500 nm

FIG. 43B

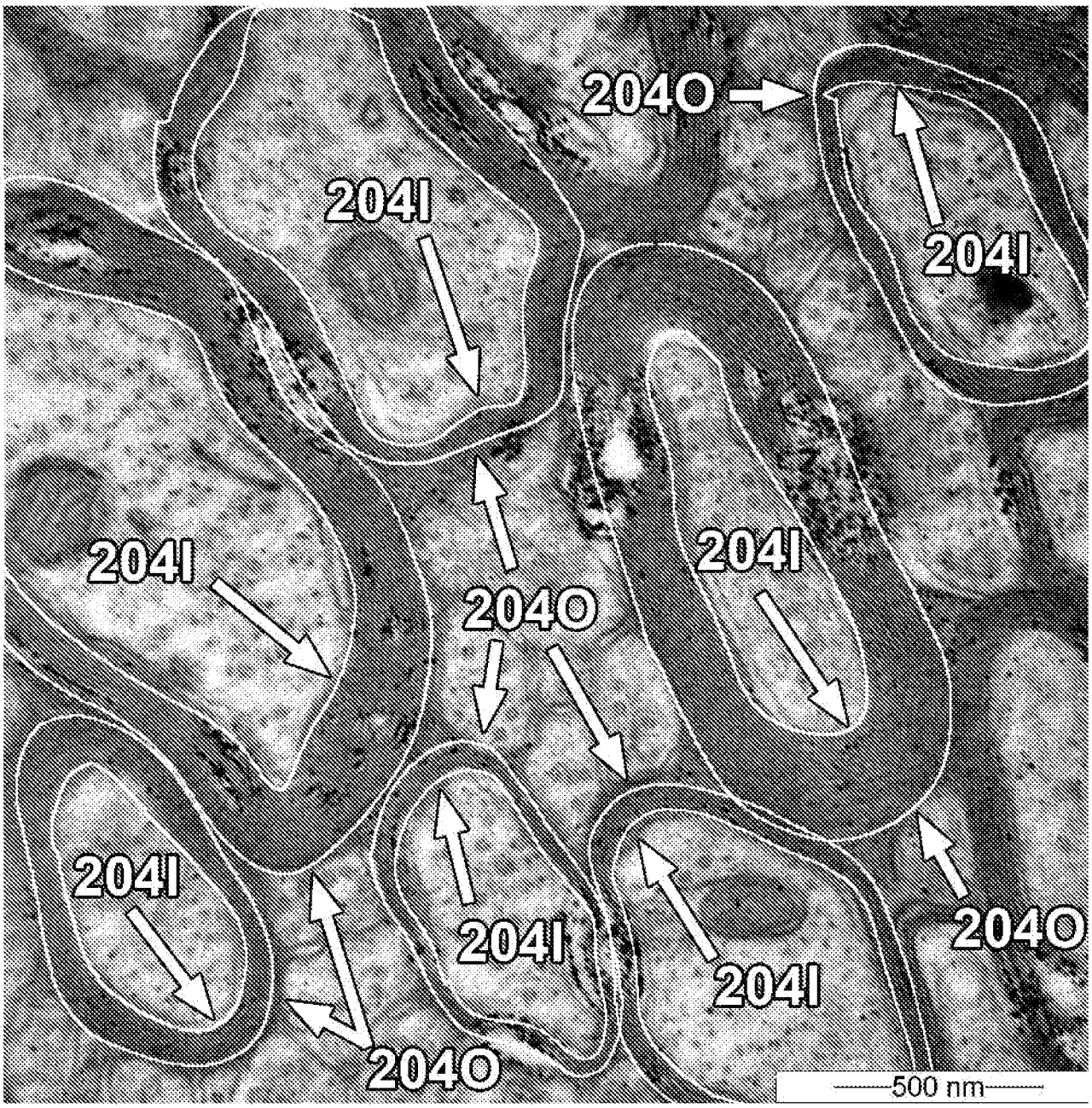


FIG. 43C

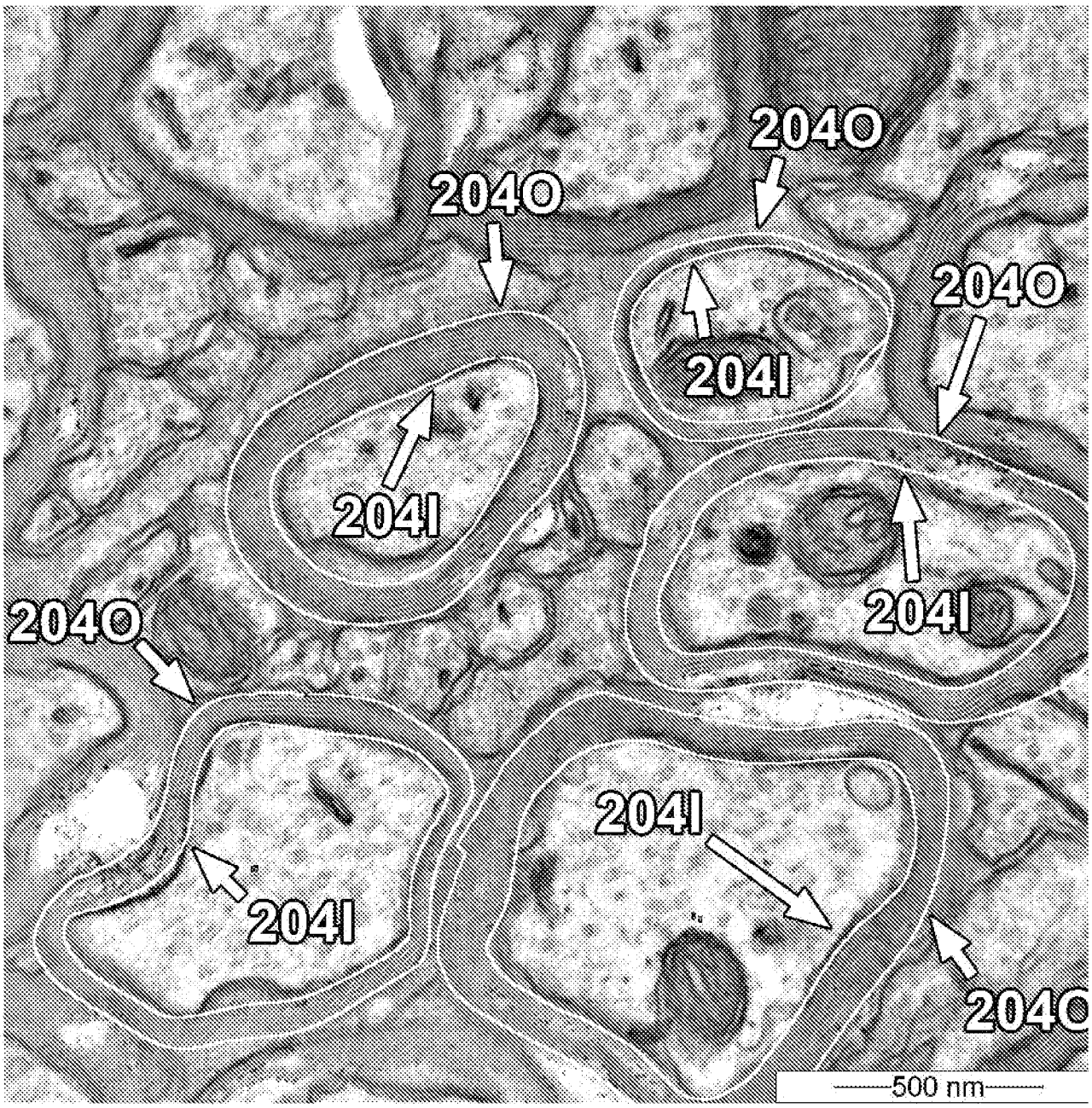


FIG. 44A

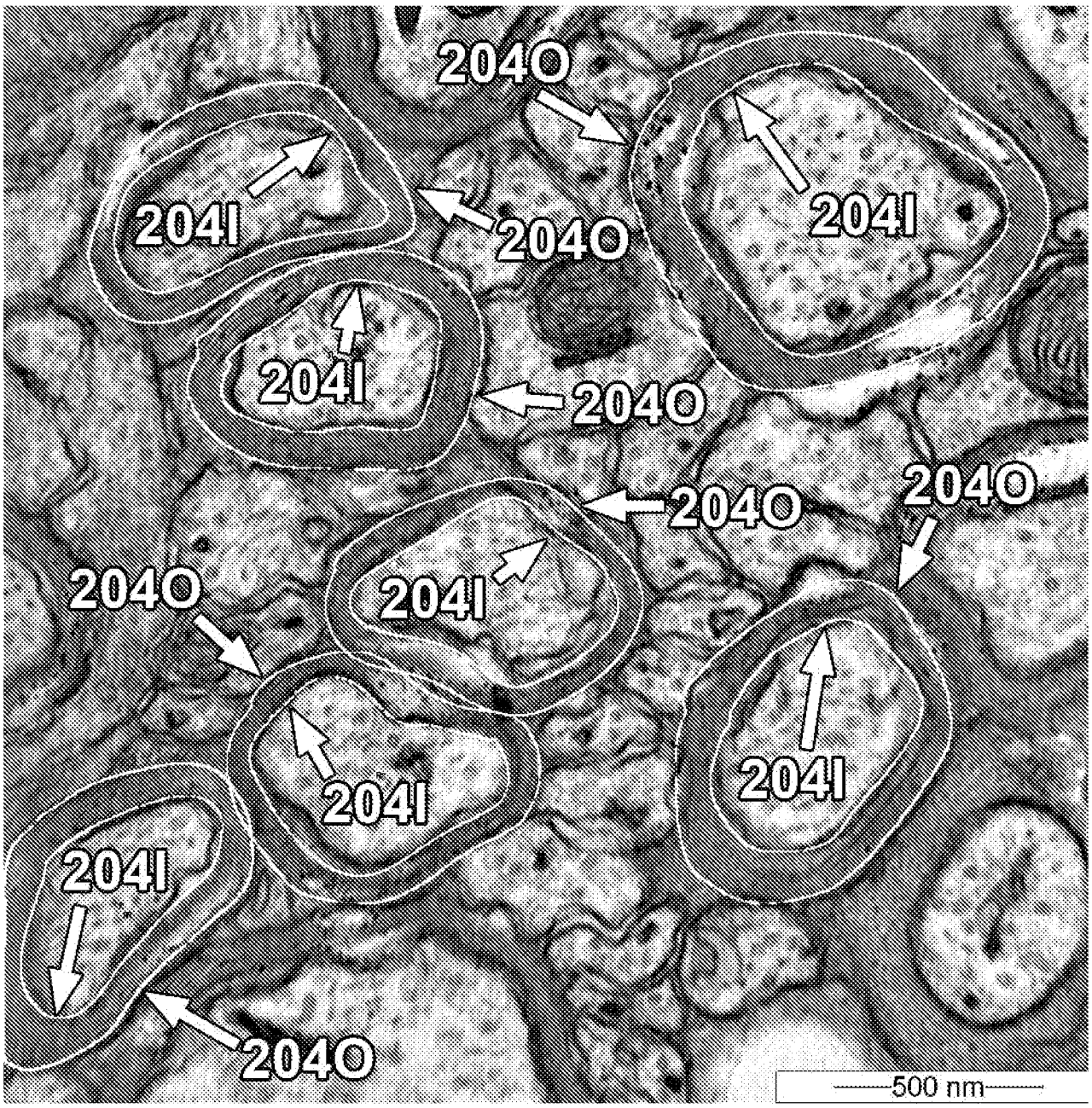

204O
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204I
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204I
204I
204O
500 nm

FIG. 44B

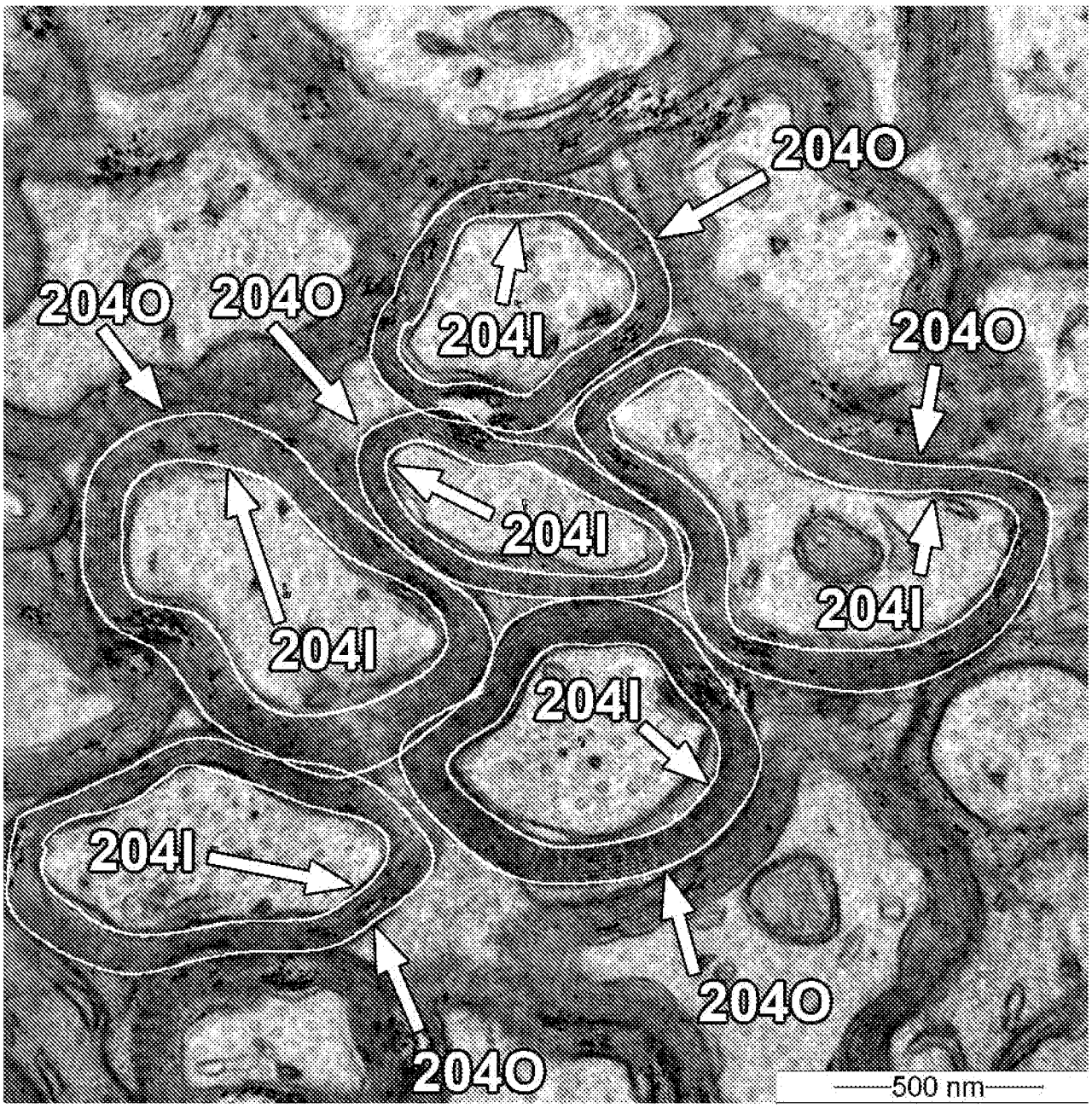

204O
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204I
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204O
204O
500 nm

FIG. 45A

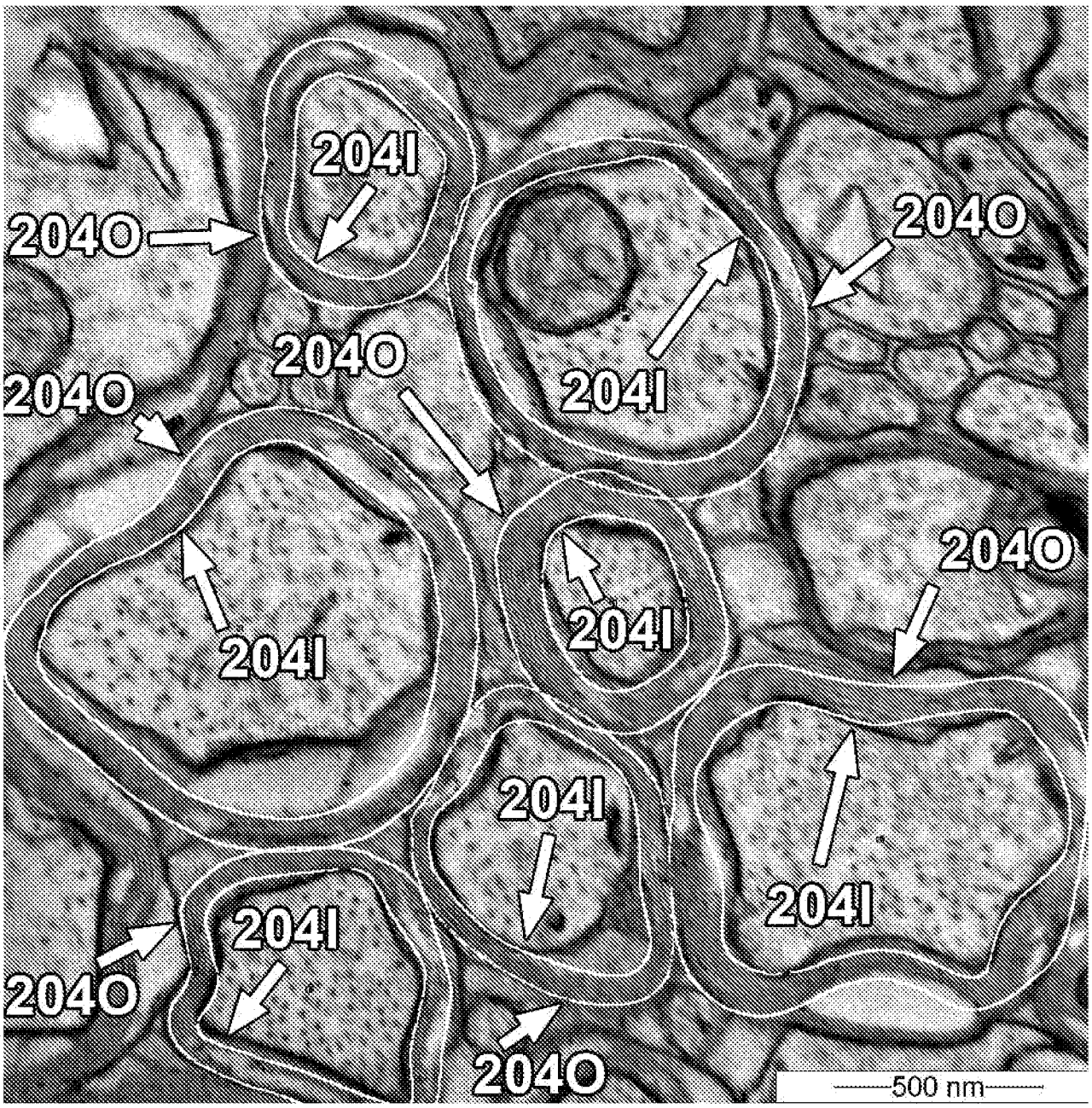

204I
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204I
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204O
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204I
204O
204O
500 nm

FIG. 45B

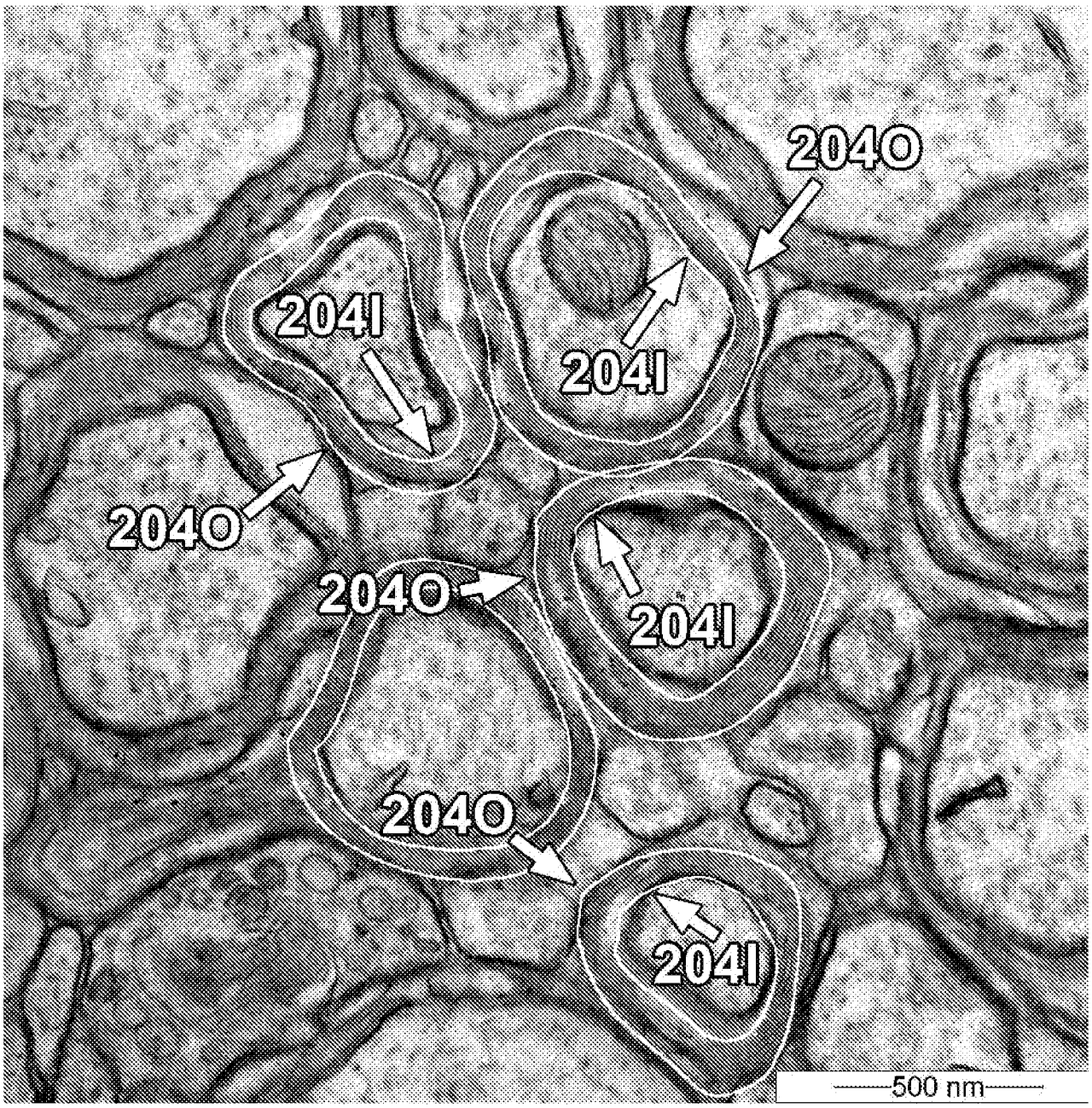


FIG. 45C

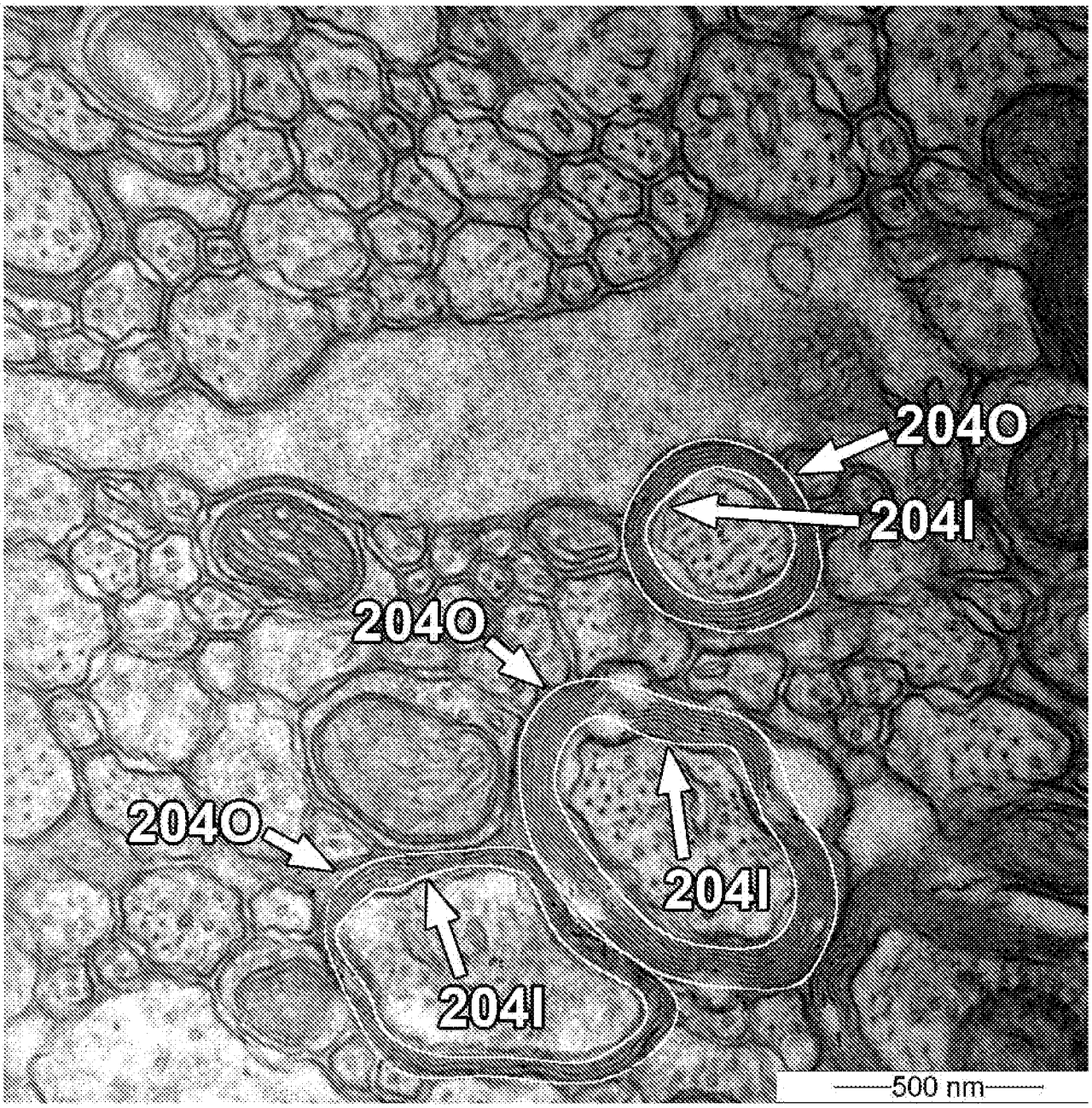


FIG. 46A

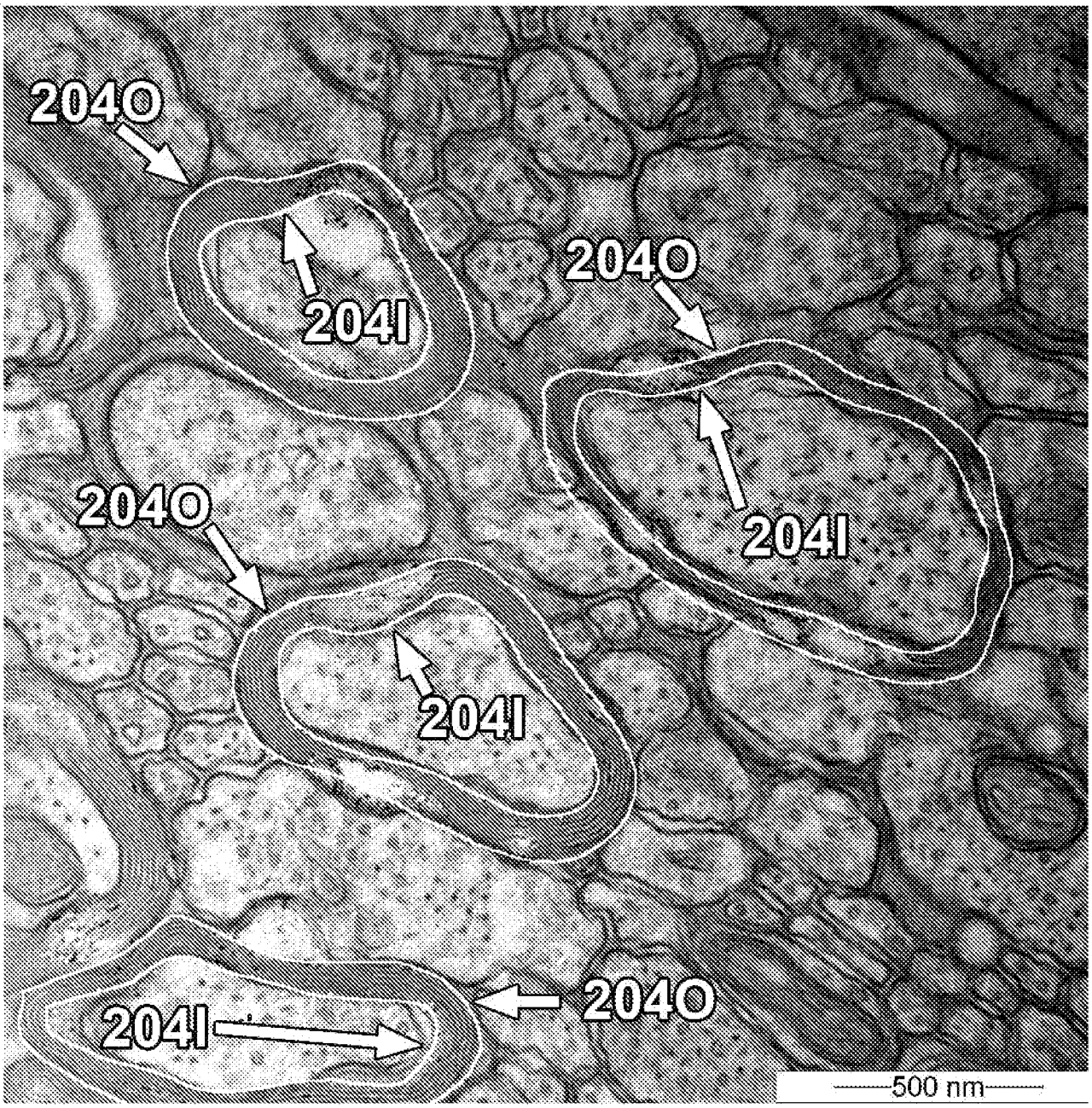


FIG. 46B

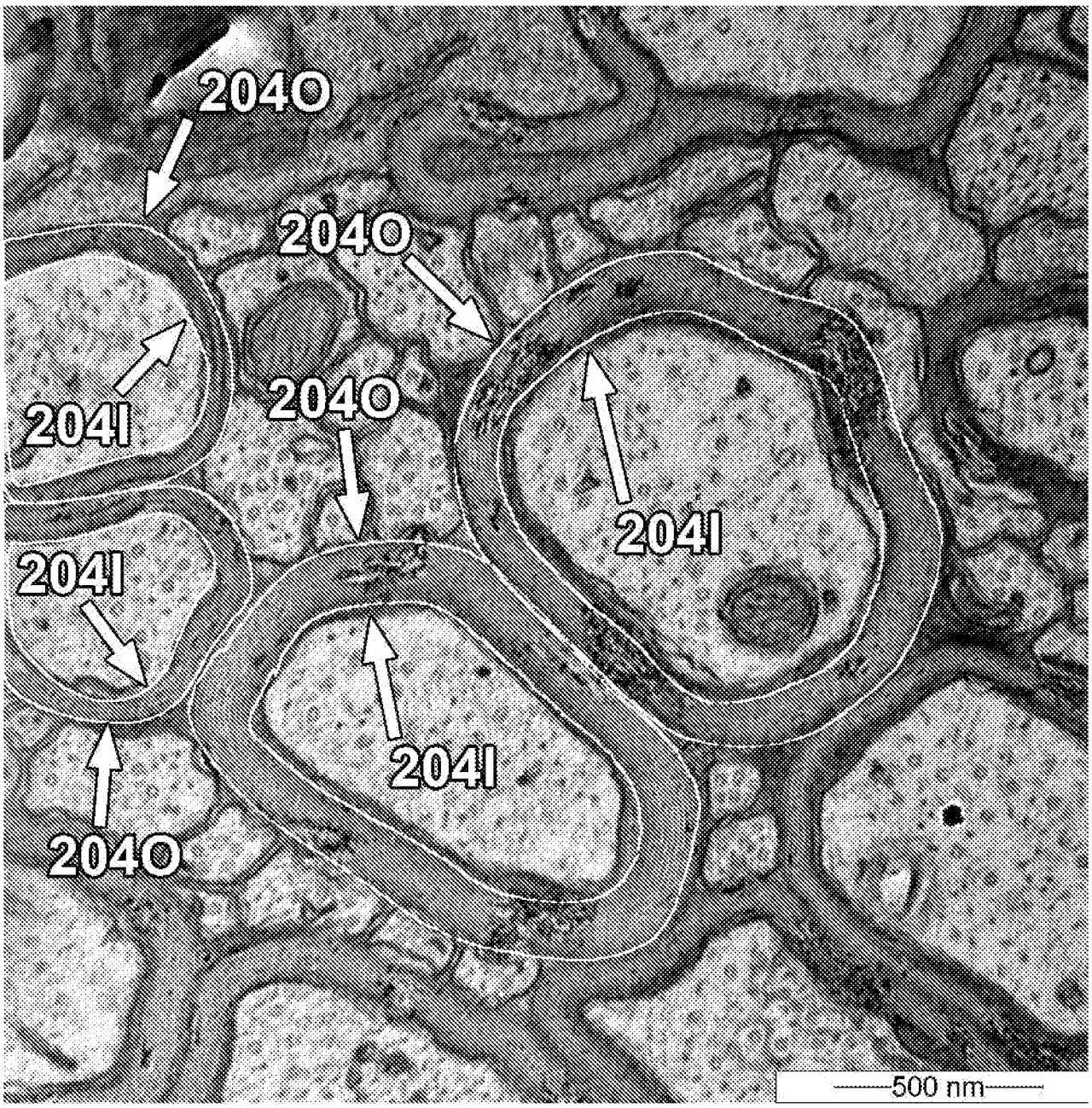


FIG. 47A

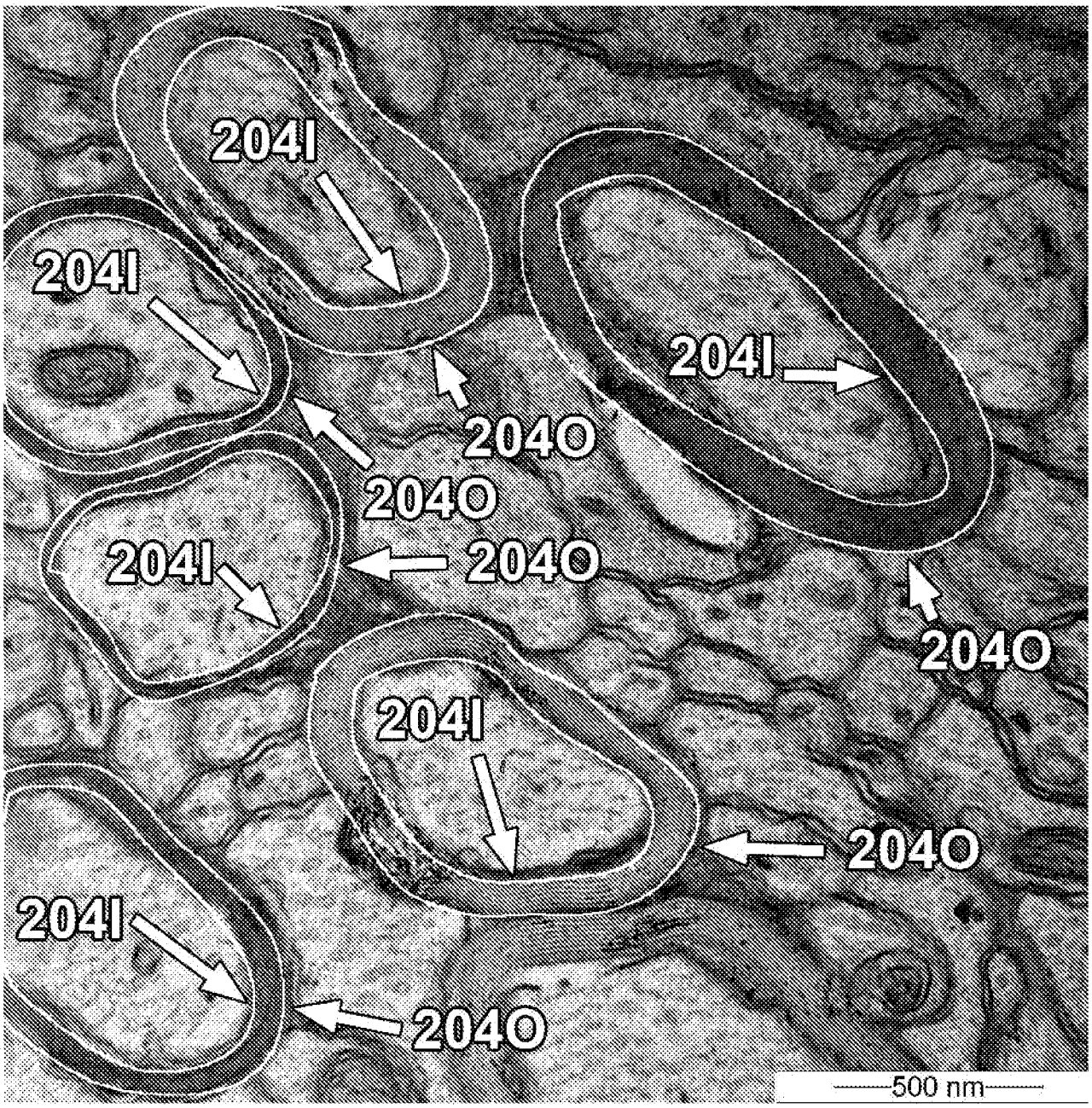

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204O
500 nm

FIG. 47B

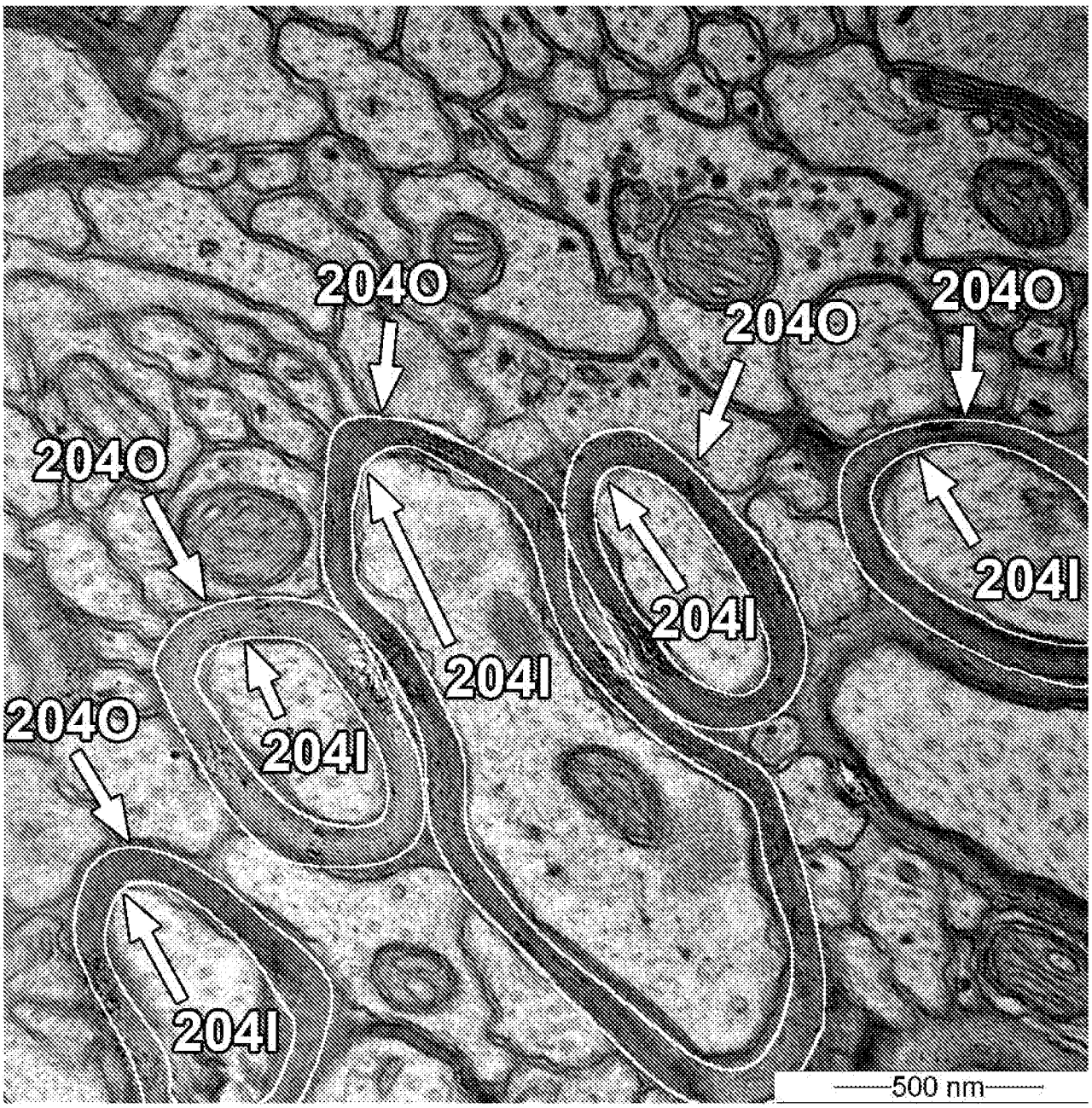


FIG. 47C

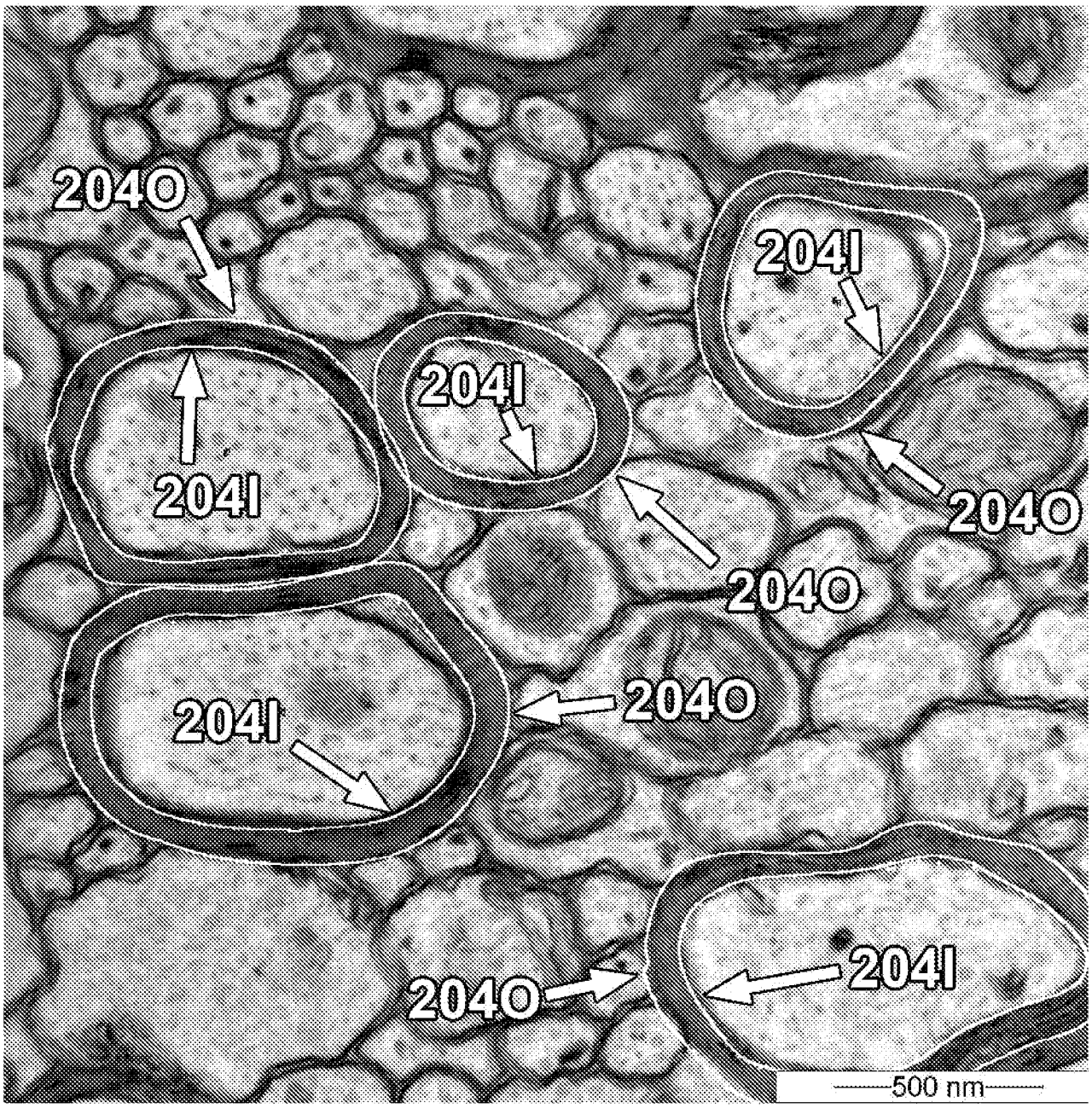


FIG. 47D

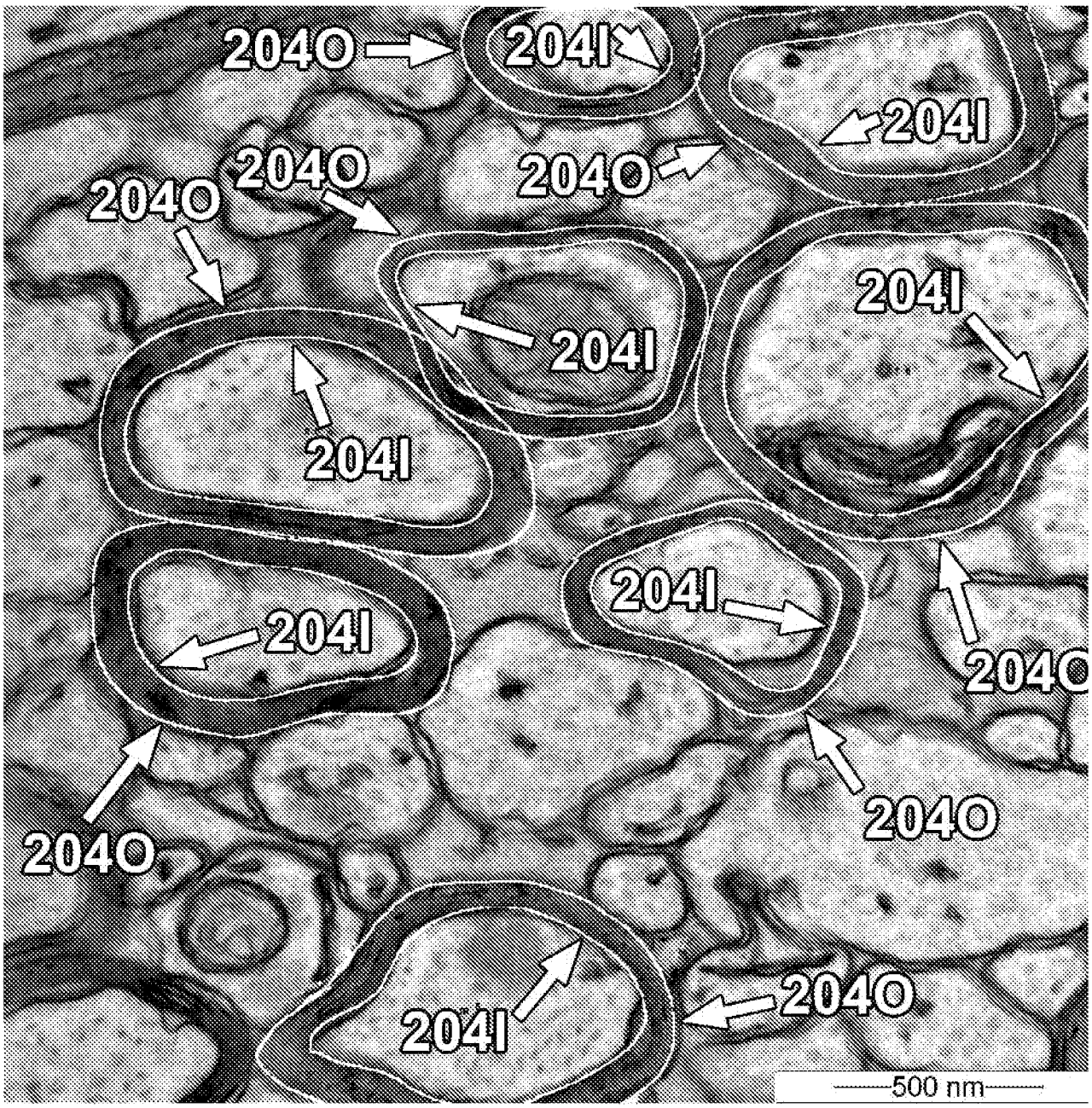

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500 nm

FIG. 47E

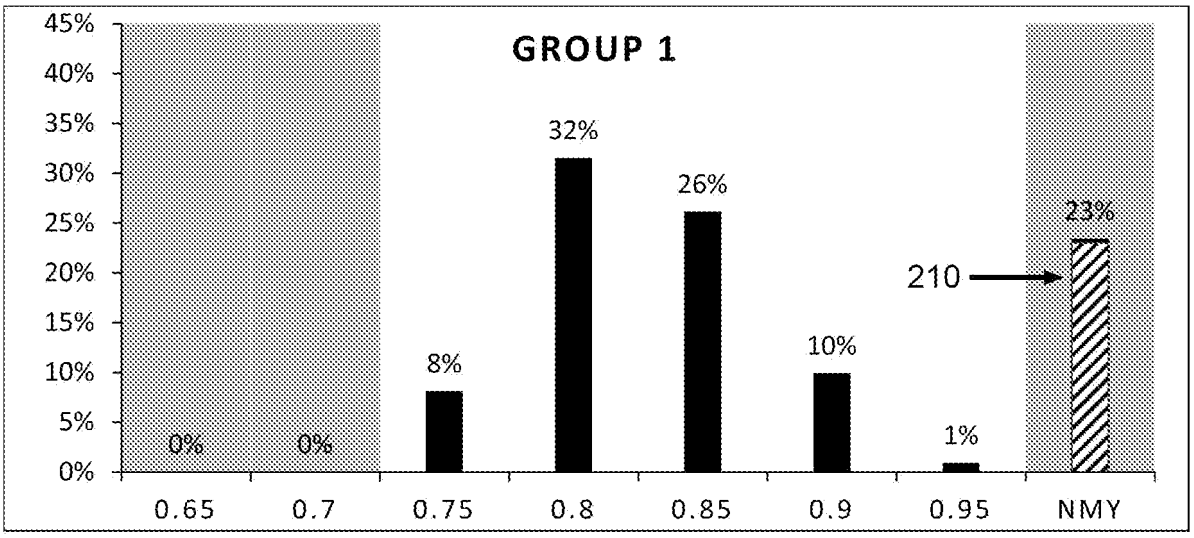


FIG. 48A

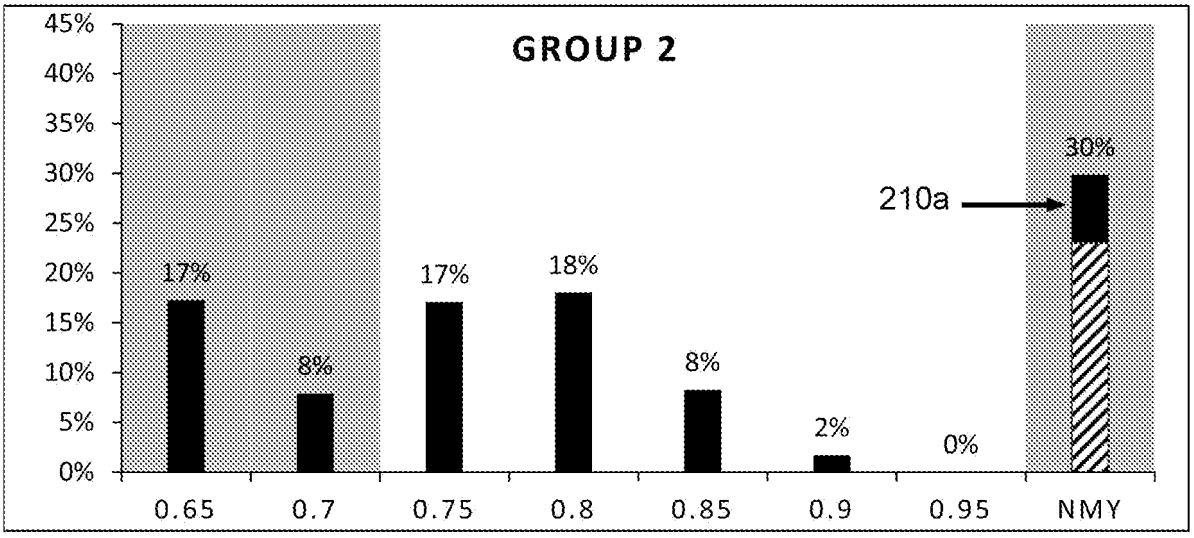


FIG. 48B

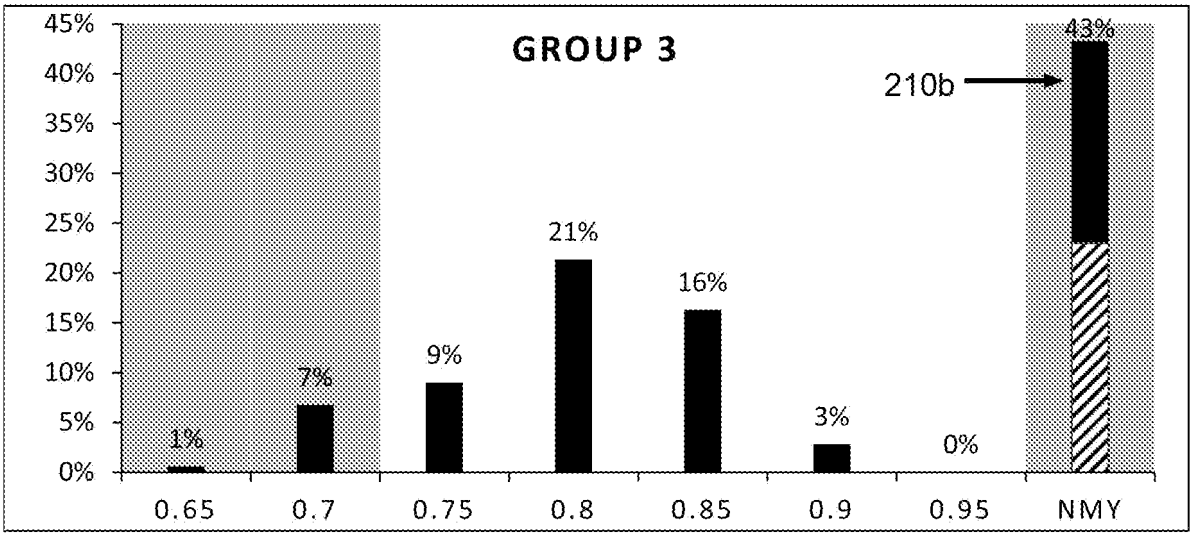


FIG. 48C

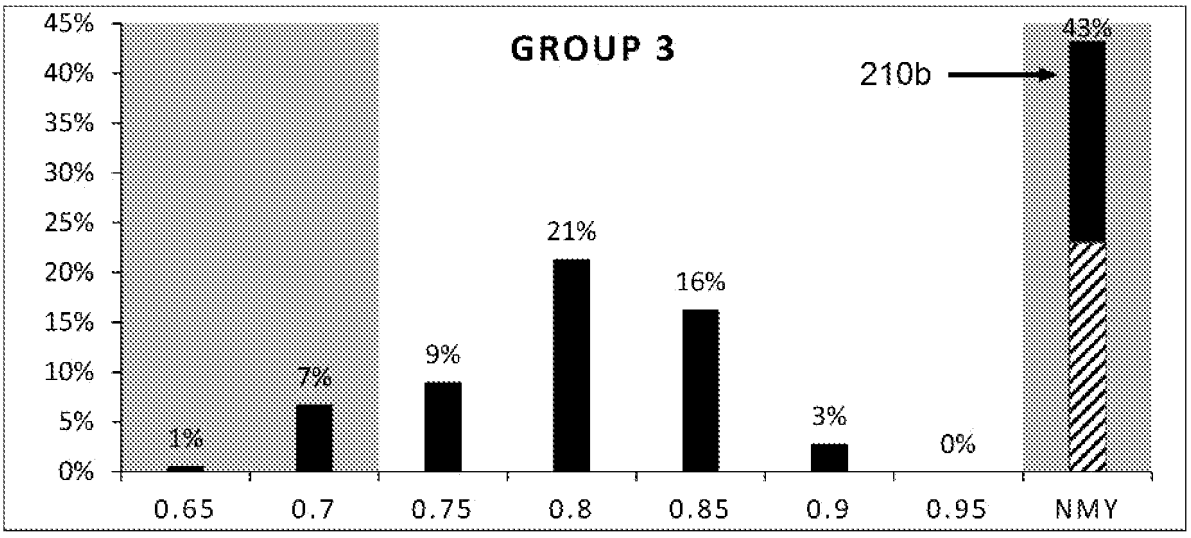


FIG. 49A

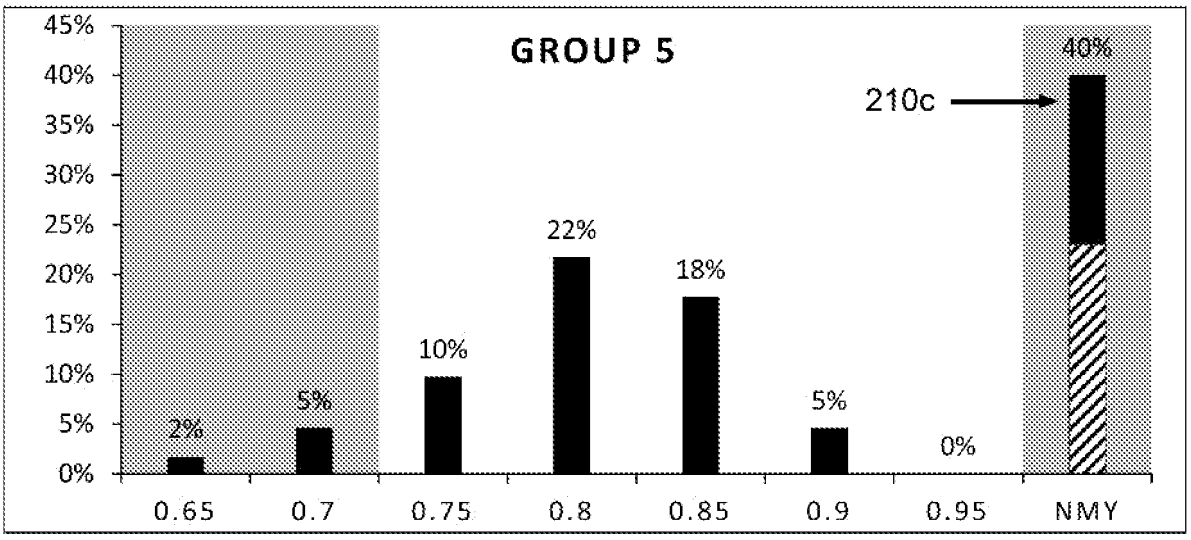


FIG. 49B

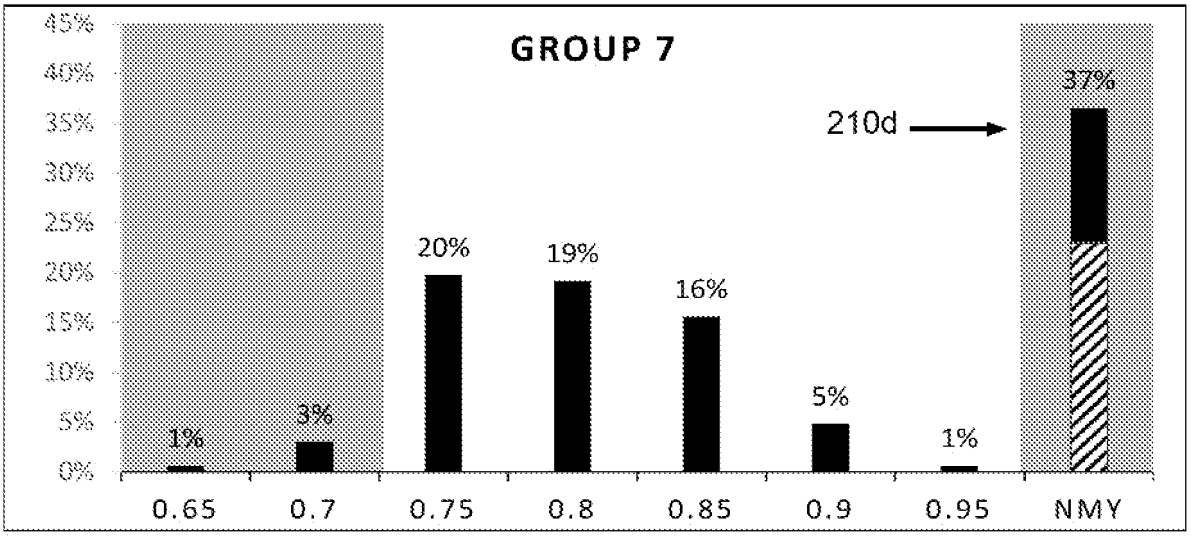


FIG. 49C

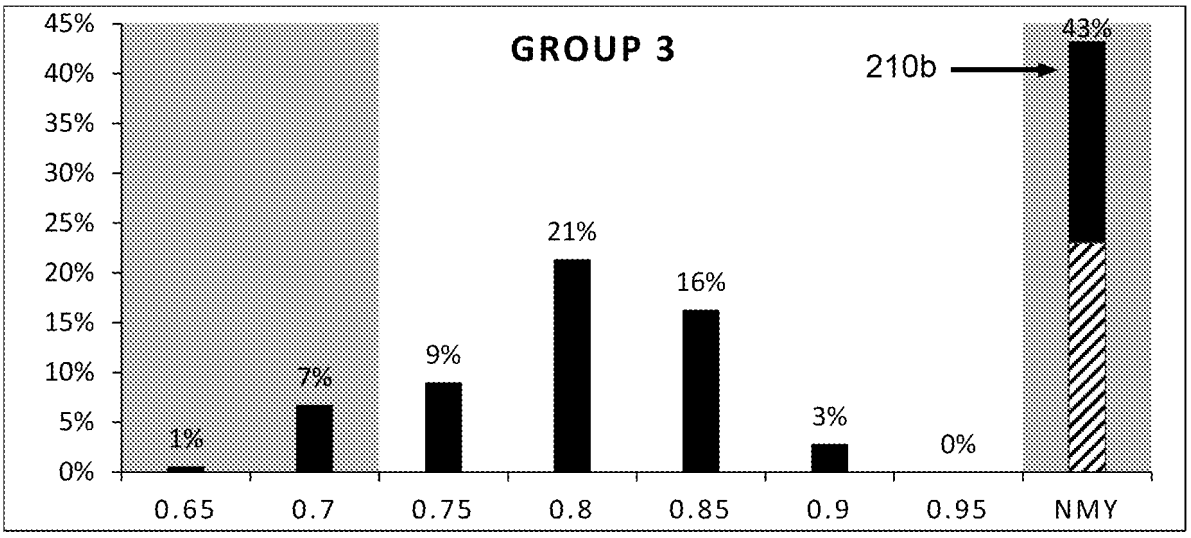


FIG. 50A

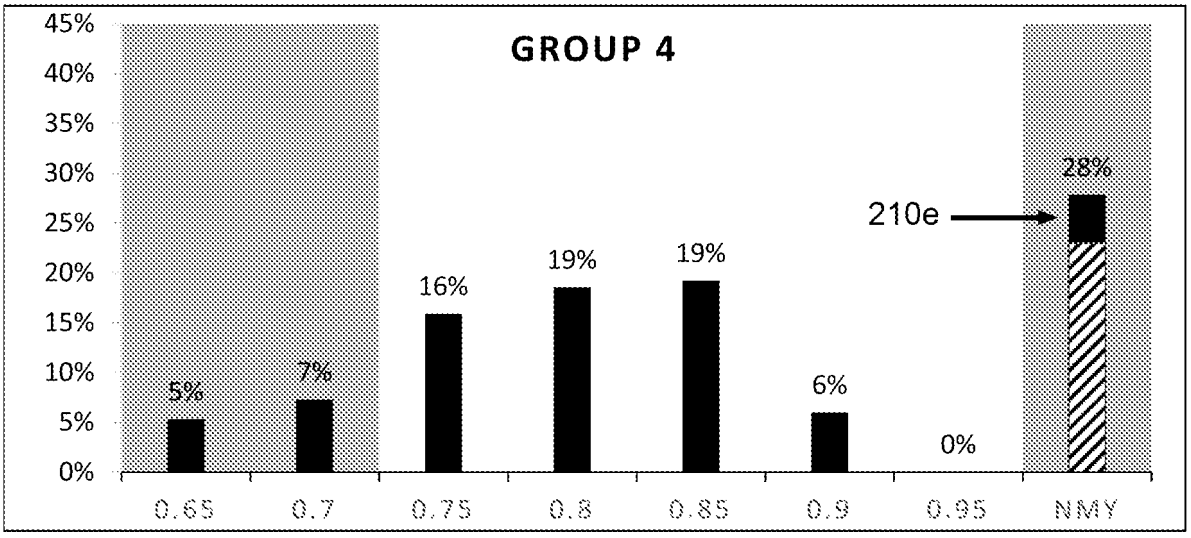


FIG. 50B

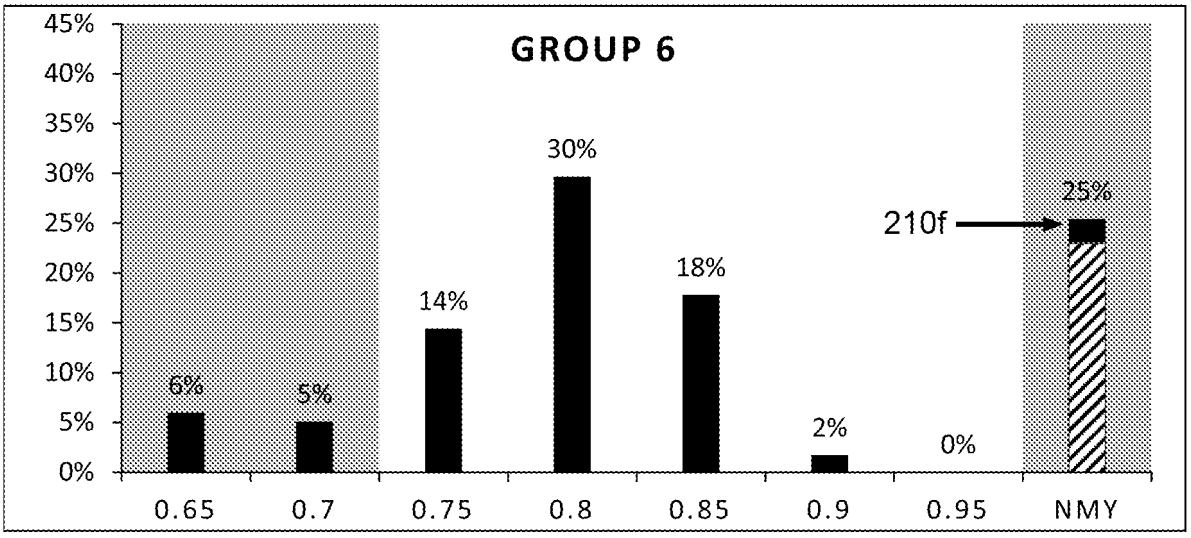


FIG. 50C

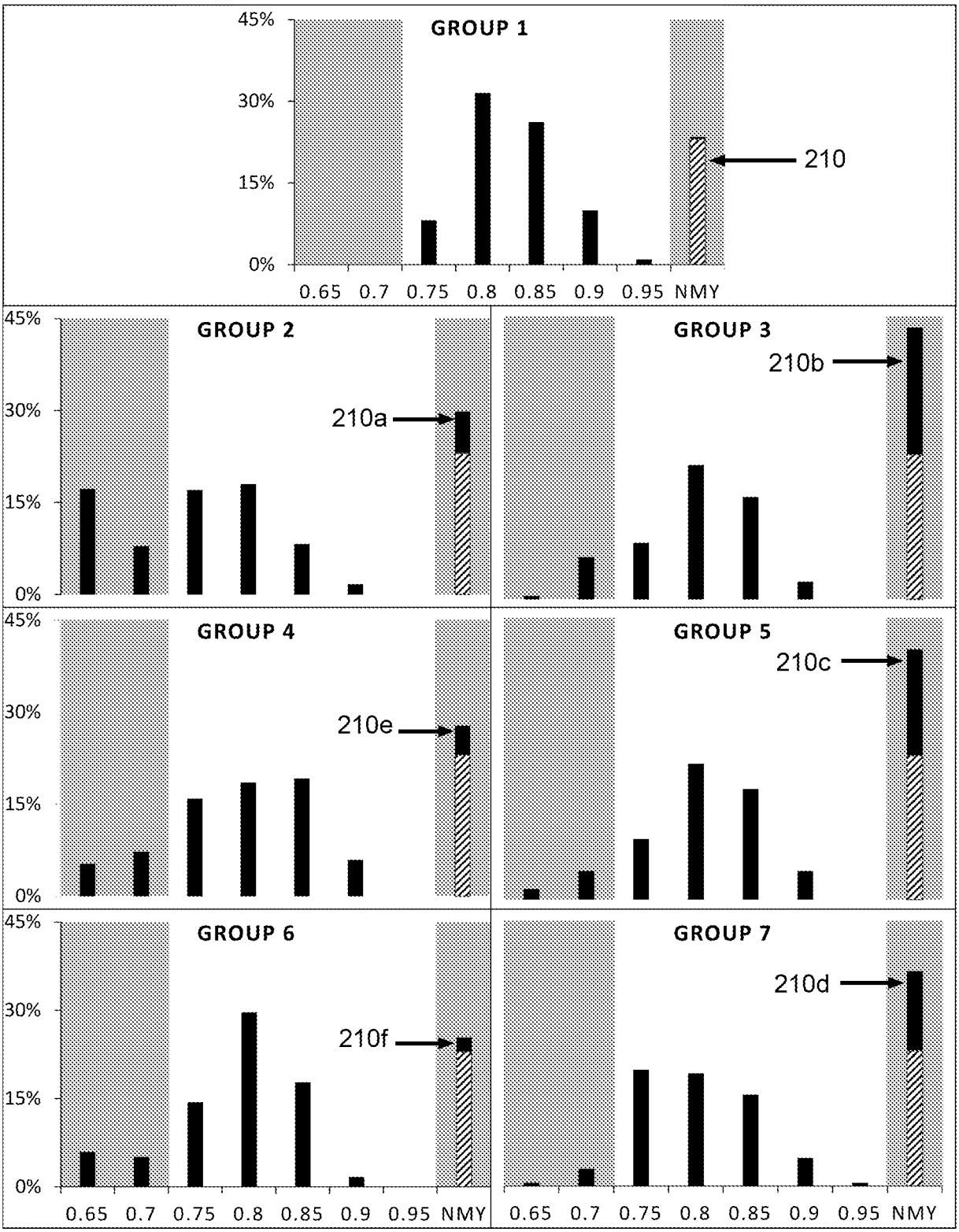

GROUP 1
45%
30%
15%
0%
210
0.65 0.7 0.75 0.8 0.85 0.9 0.95 NMY
GROUP 2
210a
GROUP 3
210b
GROUP 4
210e
GROUP 5
210c
GROUP 6
210f
GROUP 7
210d

FIG. 51