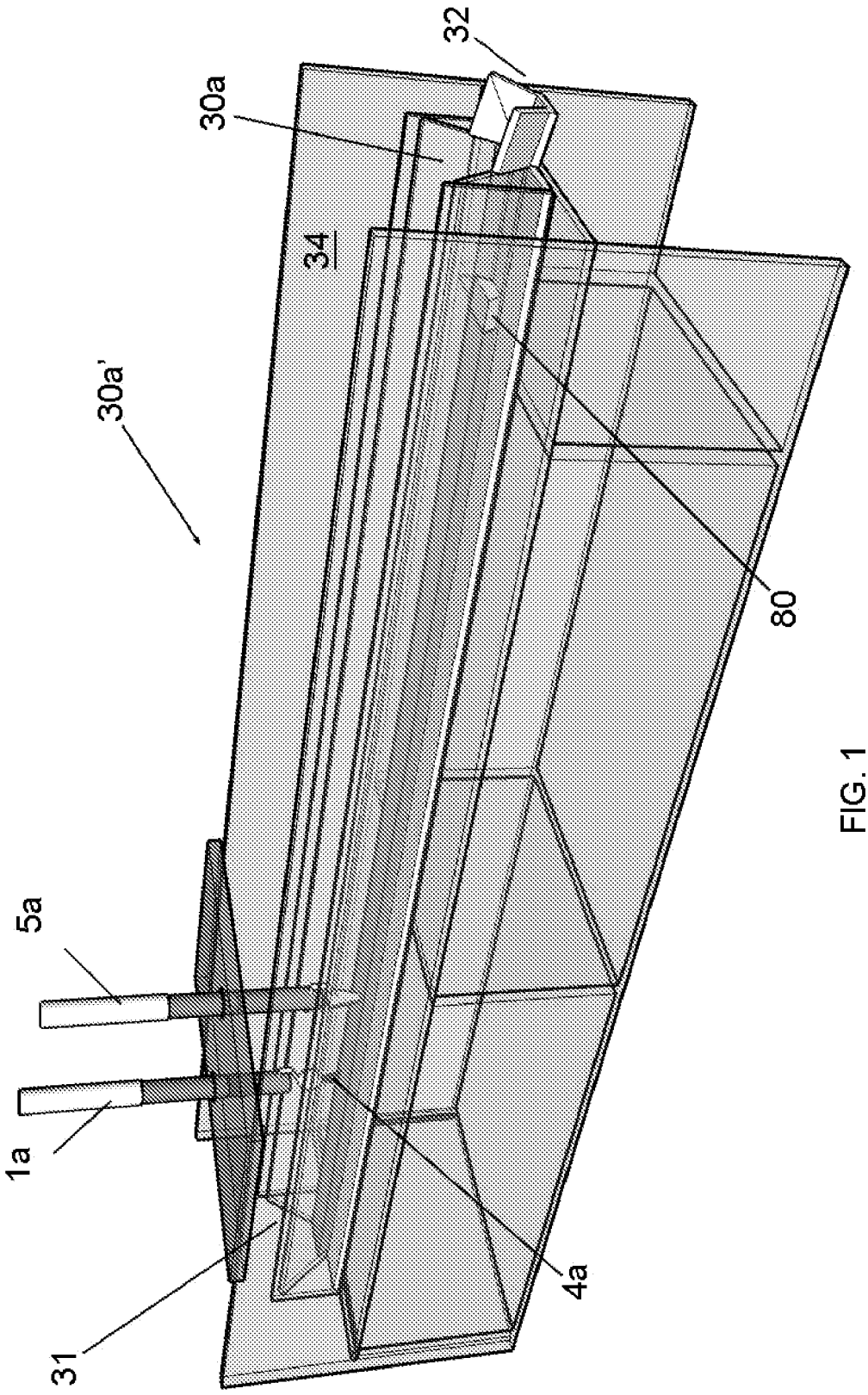



FIG. 1

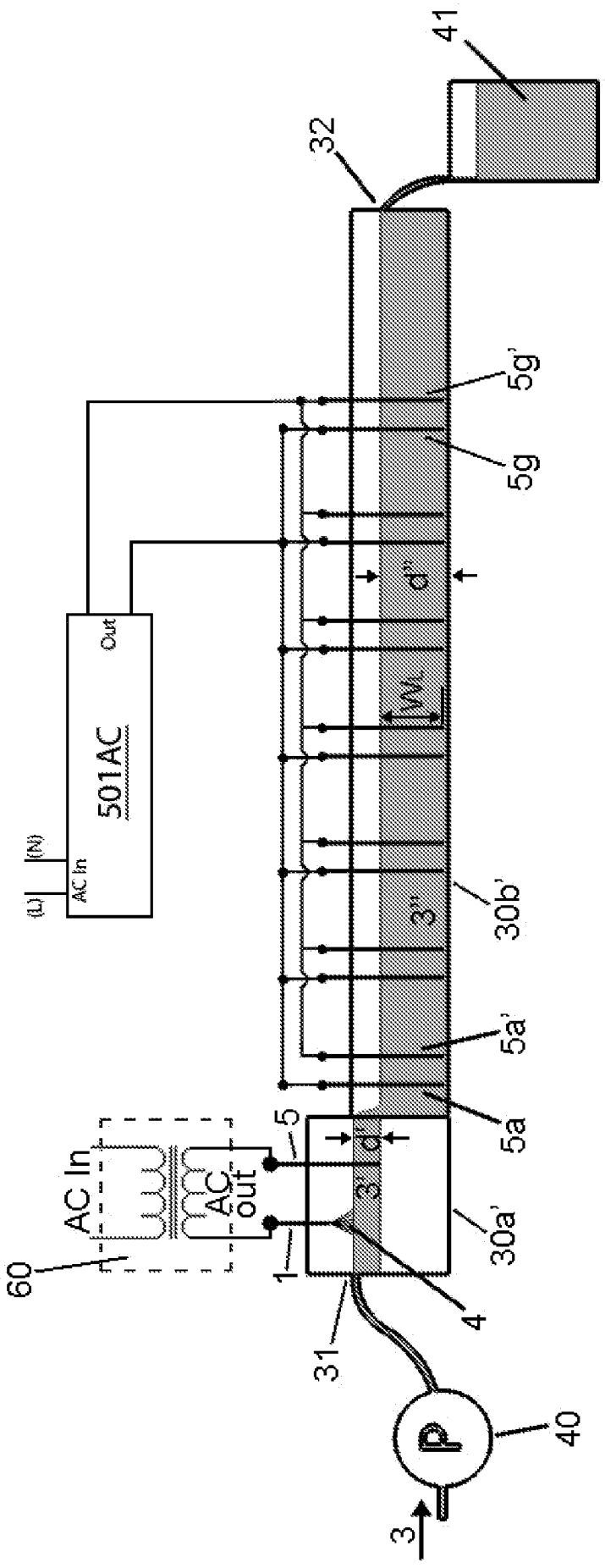

41
32
5g'
5g
d''
W
3''
30b'
5a'
5a
5
3'
d'
30a'
4
31
P
40
3
60
AC In
AC out
1
(L)
(N)
AC In
501AC
Out

FIG. 2A

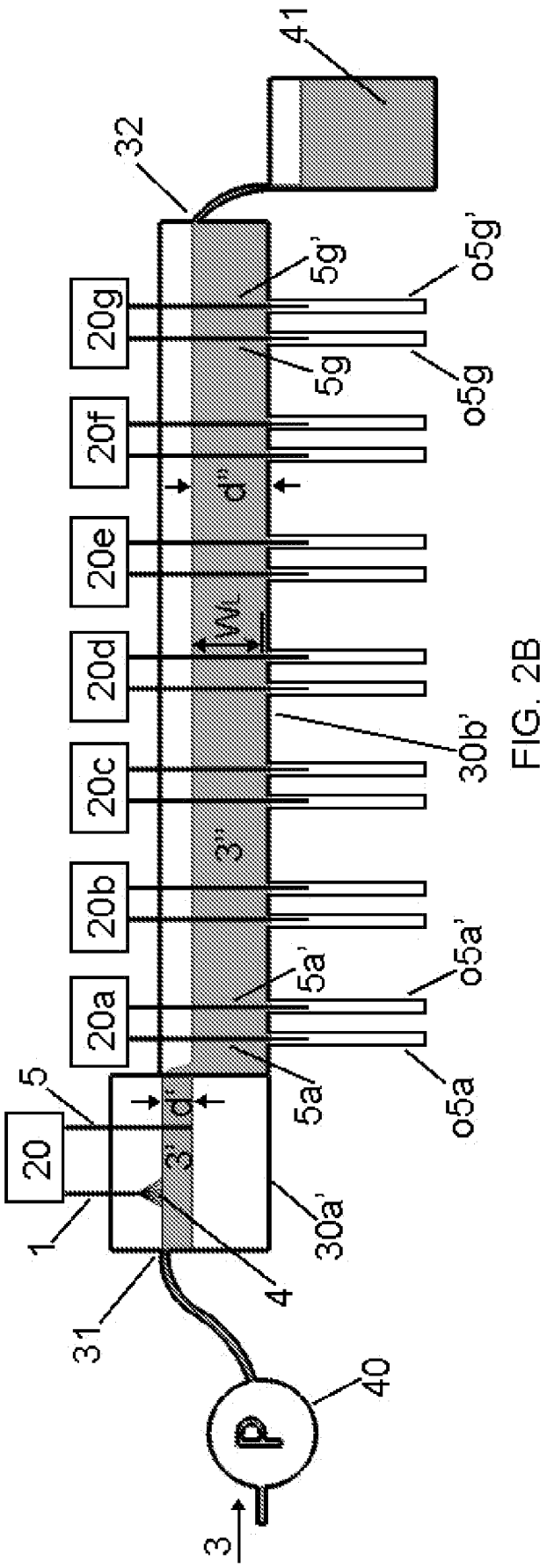

41
32
5g'
o5g'
20g
5g
o5g
20f
d''
20e
W
L
20d
30b'
20c
3''
20b
o5a'
5a'
20a
5
5a
o5a
20
3'
d'
1
30a'
4
31
40
P
3

FIG. 2B

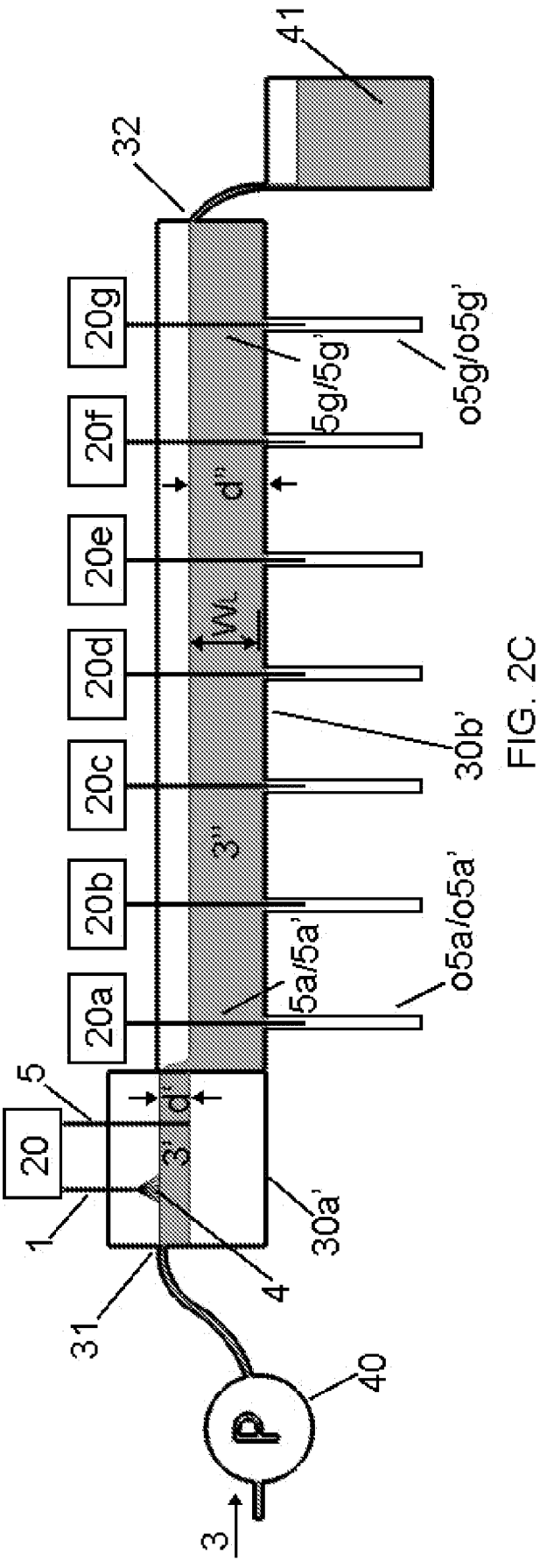

41
32
20g
20f
20e
20d
20c
20b
20a
20
5
1
3'
d'
3''
d''
WL
5g/5g'
o5g/o5g'
30b'
5a/5a'
o5a/o5a'
30a'
4
31
P
40
3

FIG. 2C

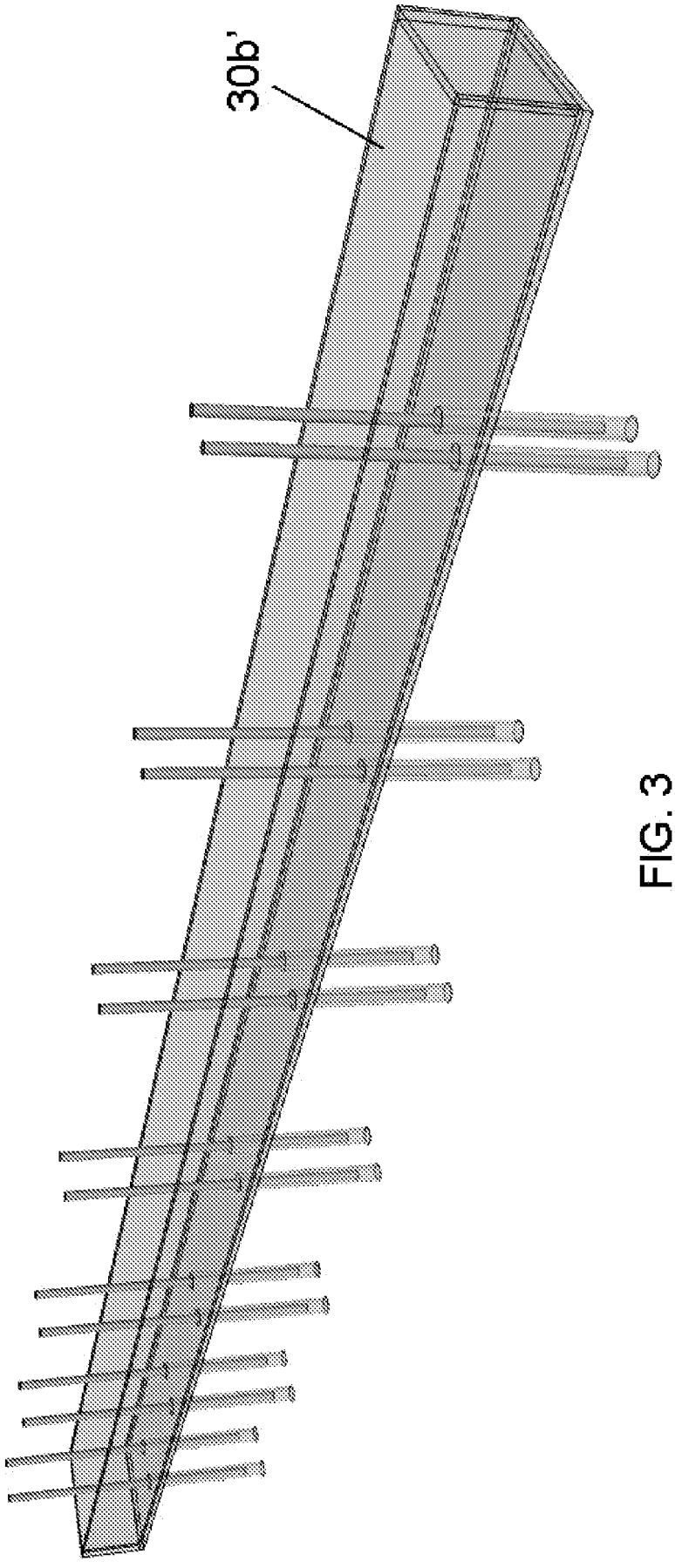



FIG. 3

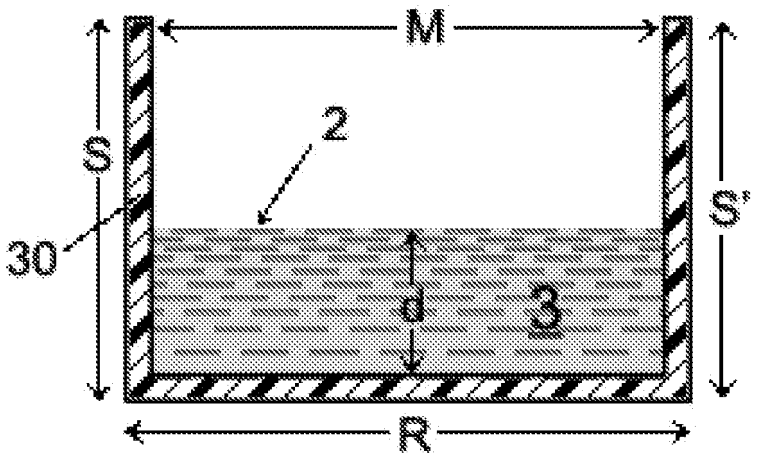



FIG. 4A

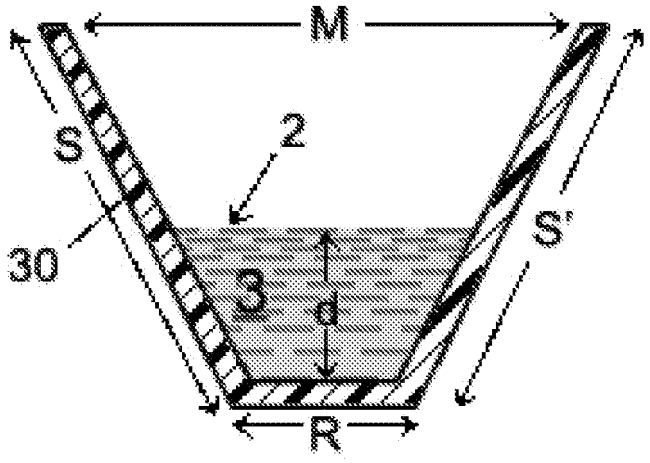



FIG. 4B

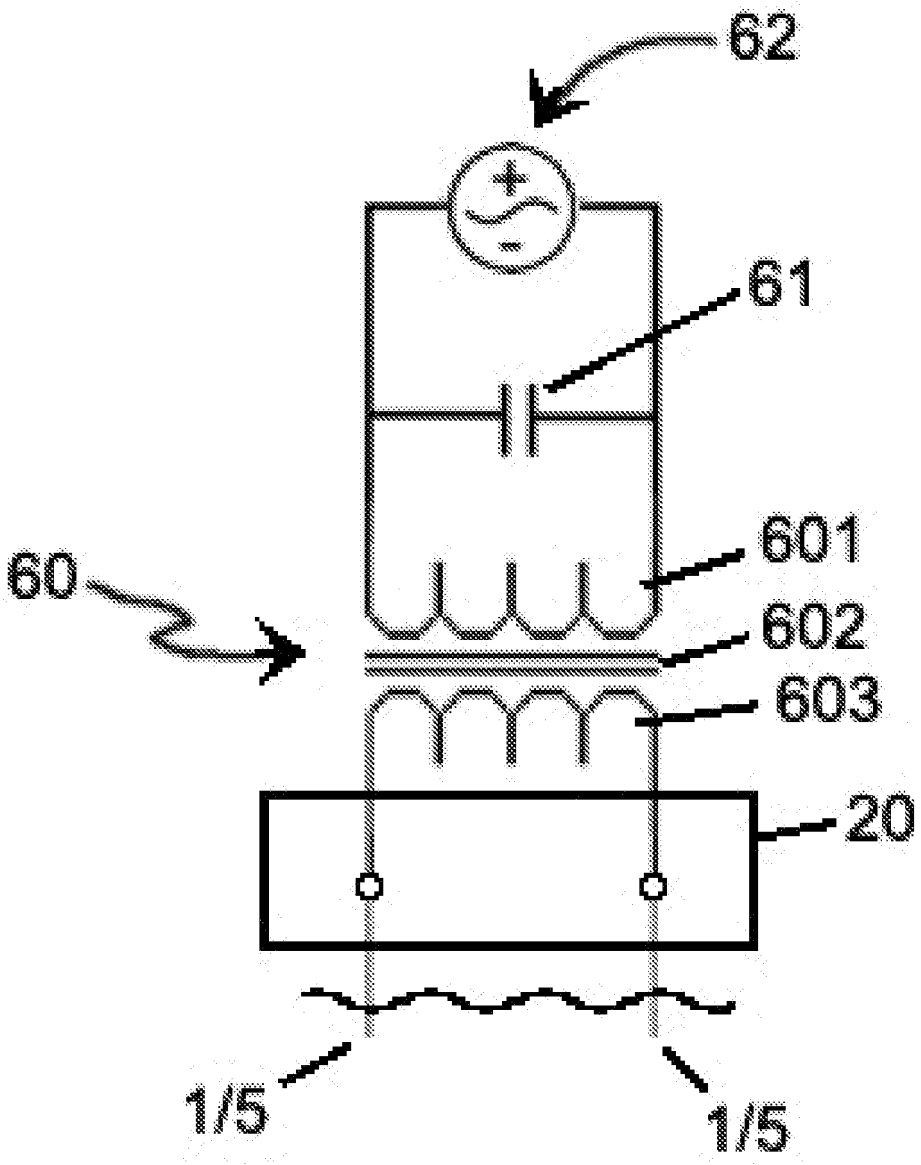



FIG. 5A

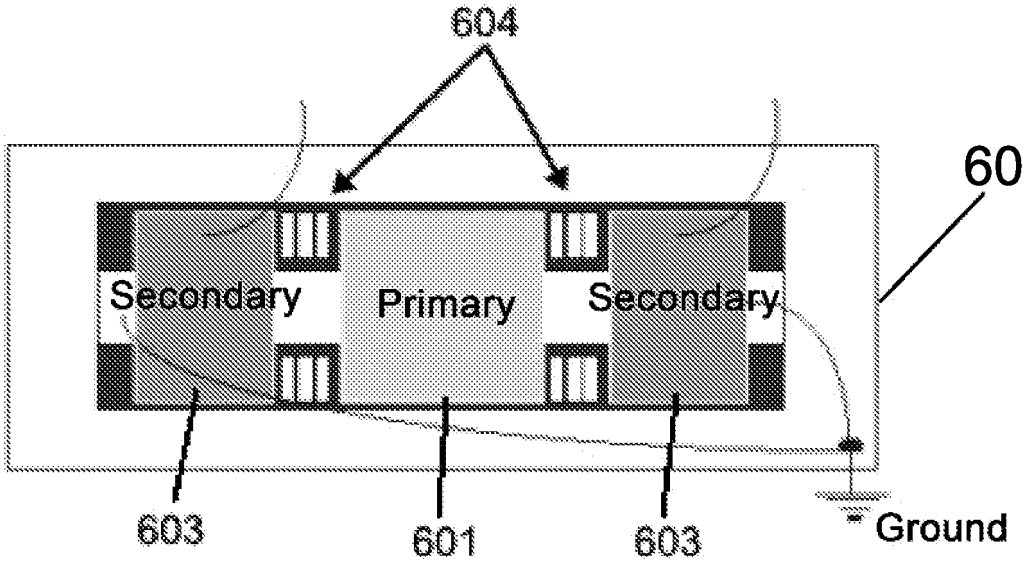



FIG. 5B

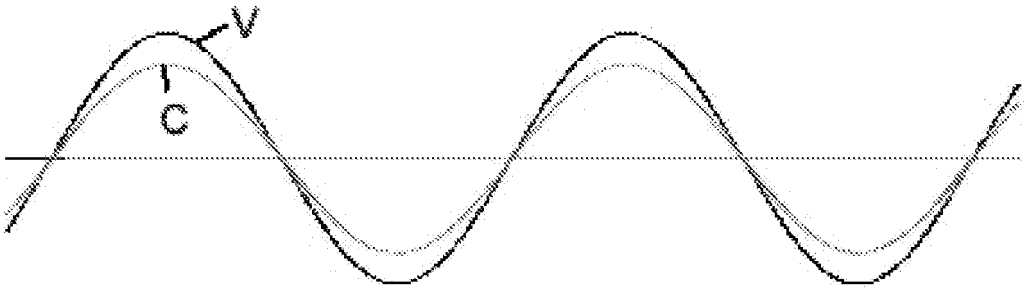



FIG. 5C

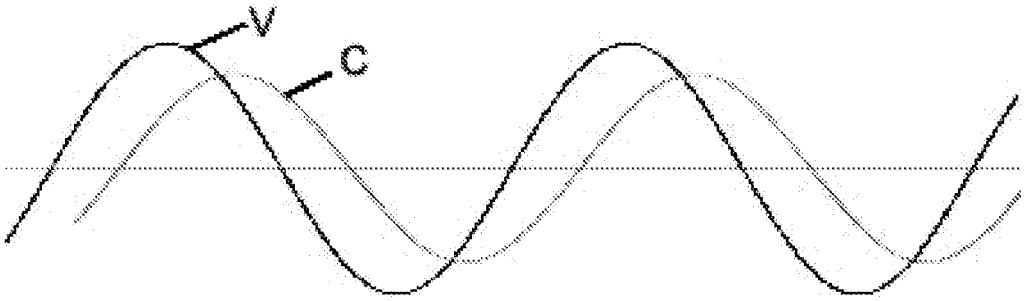



FIG. 5D

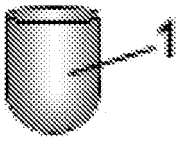



FIG. 6

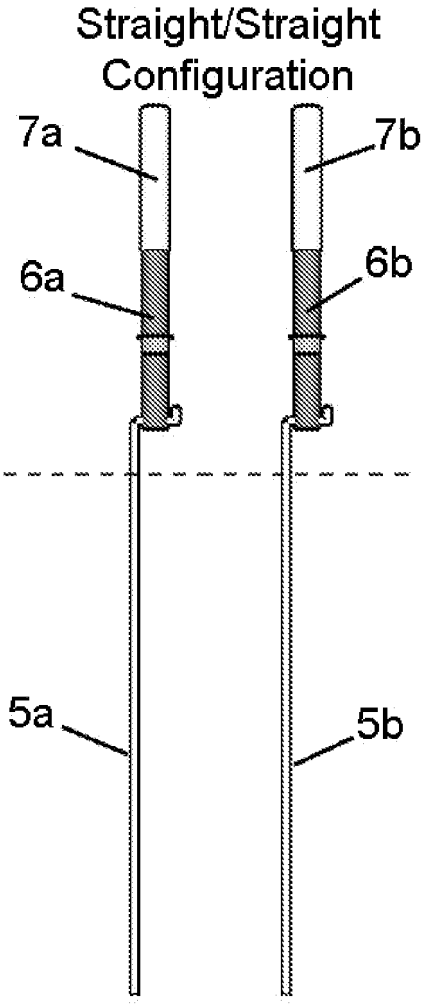



FIG. 7

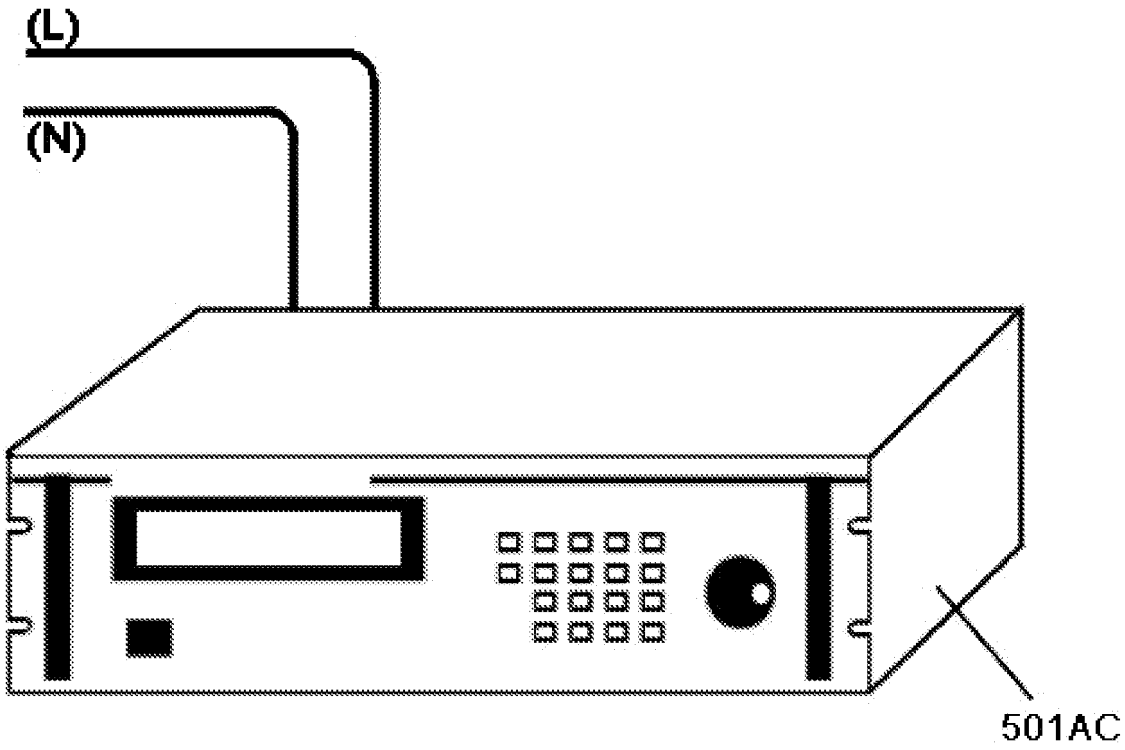



Fig. 8

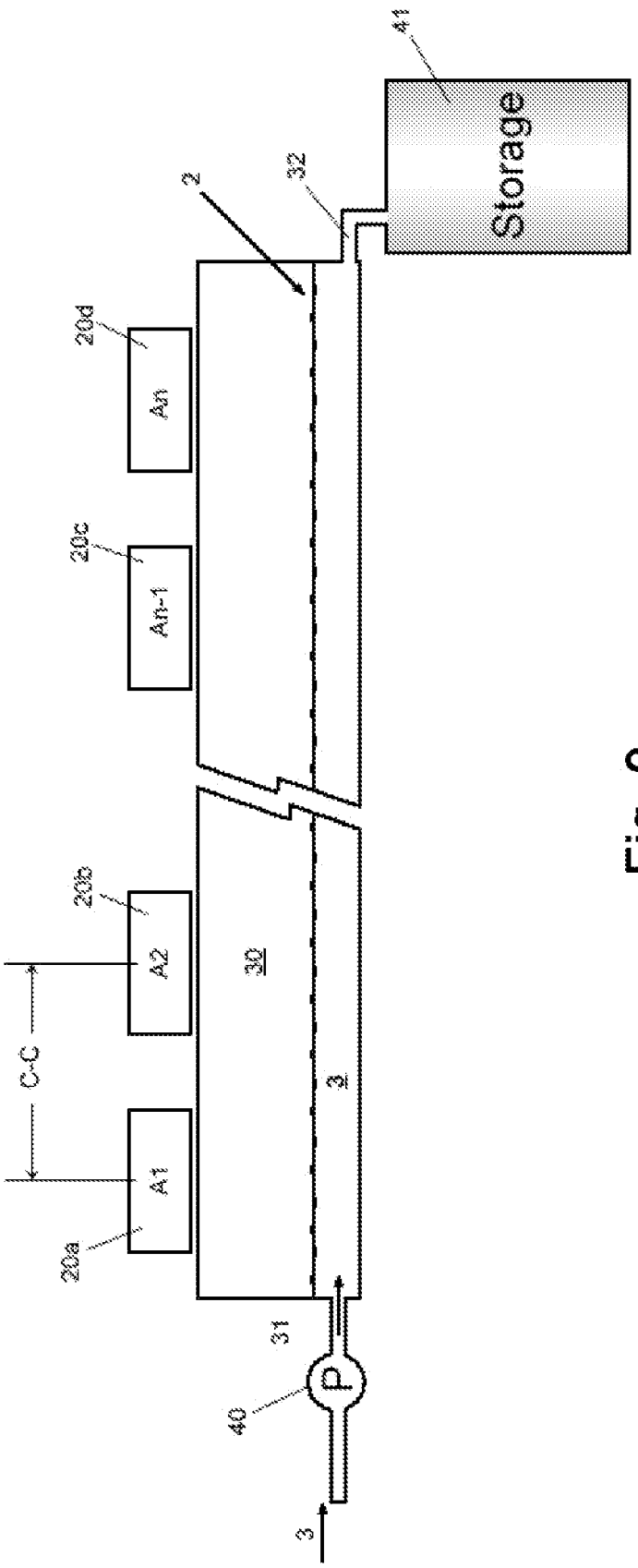



Fig. 9

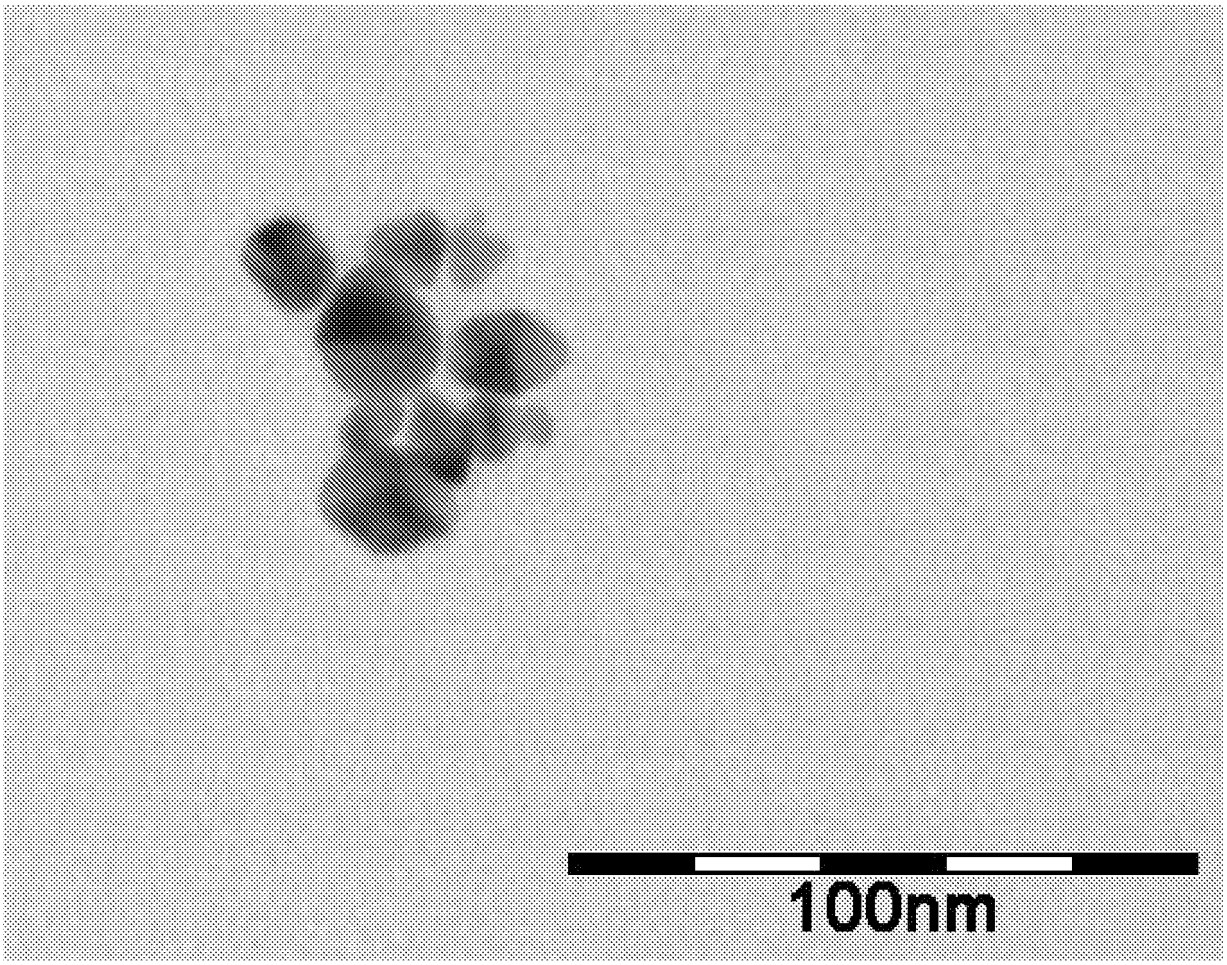



FIG. 10A

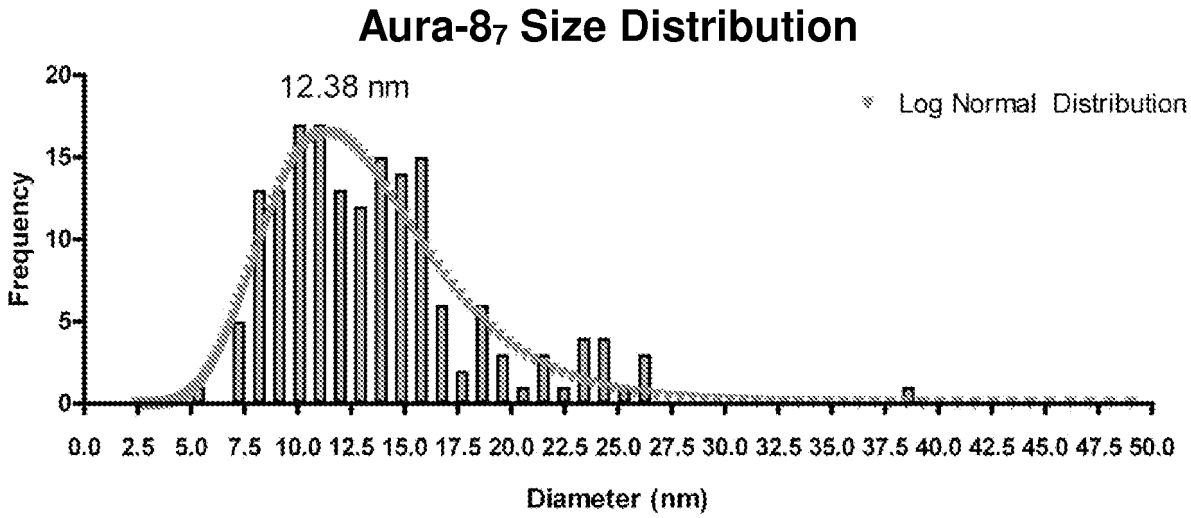



FIG. 10B

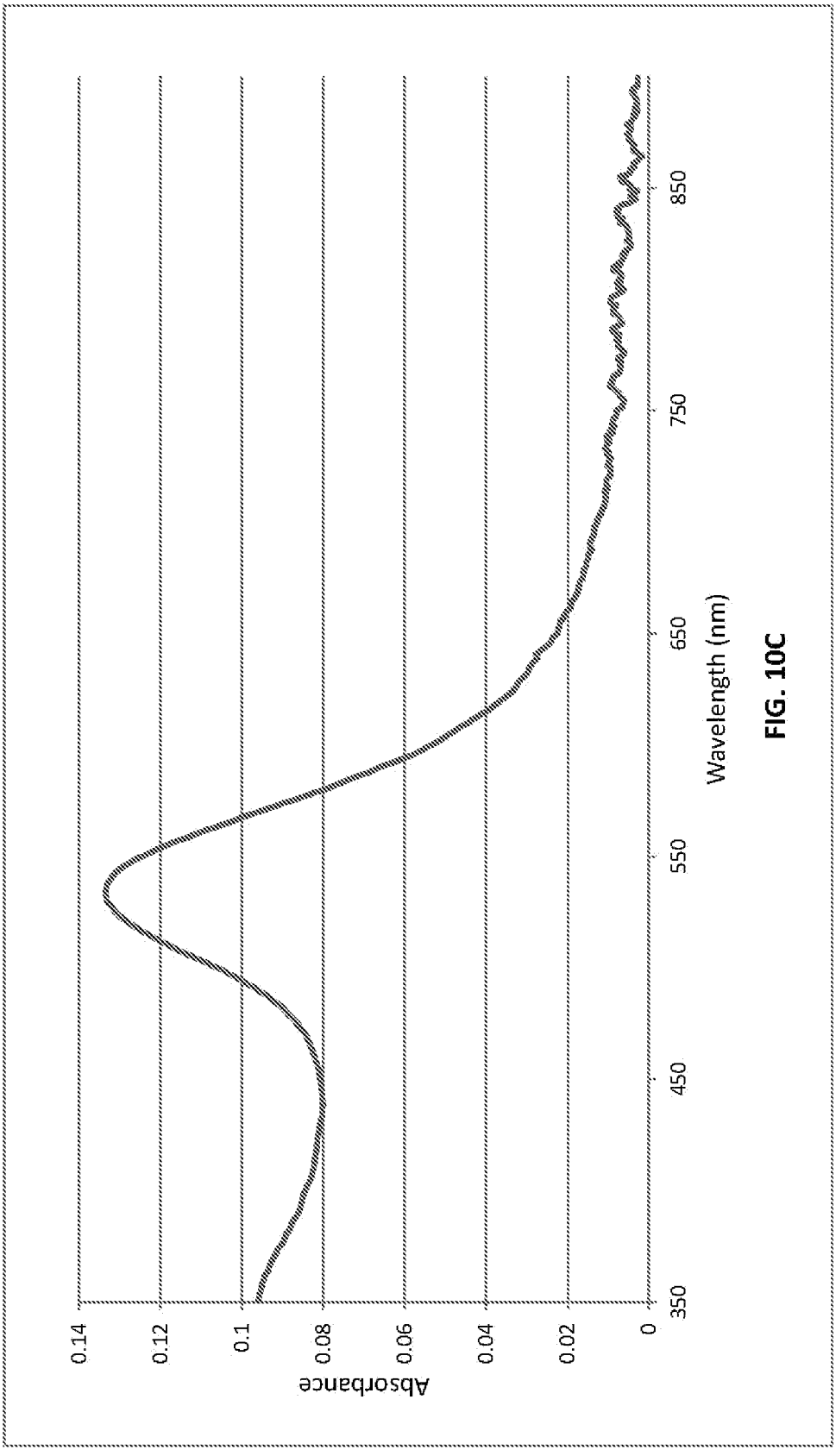

Absorbance
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
350
450
550
650
750
850
Wavelength (nm)

FIG. 10C

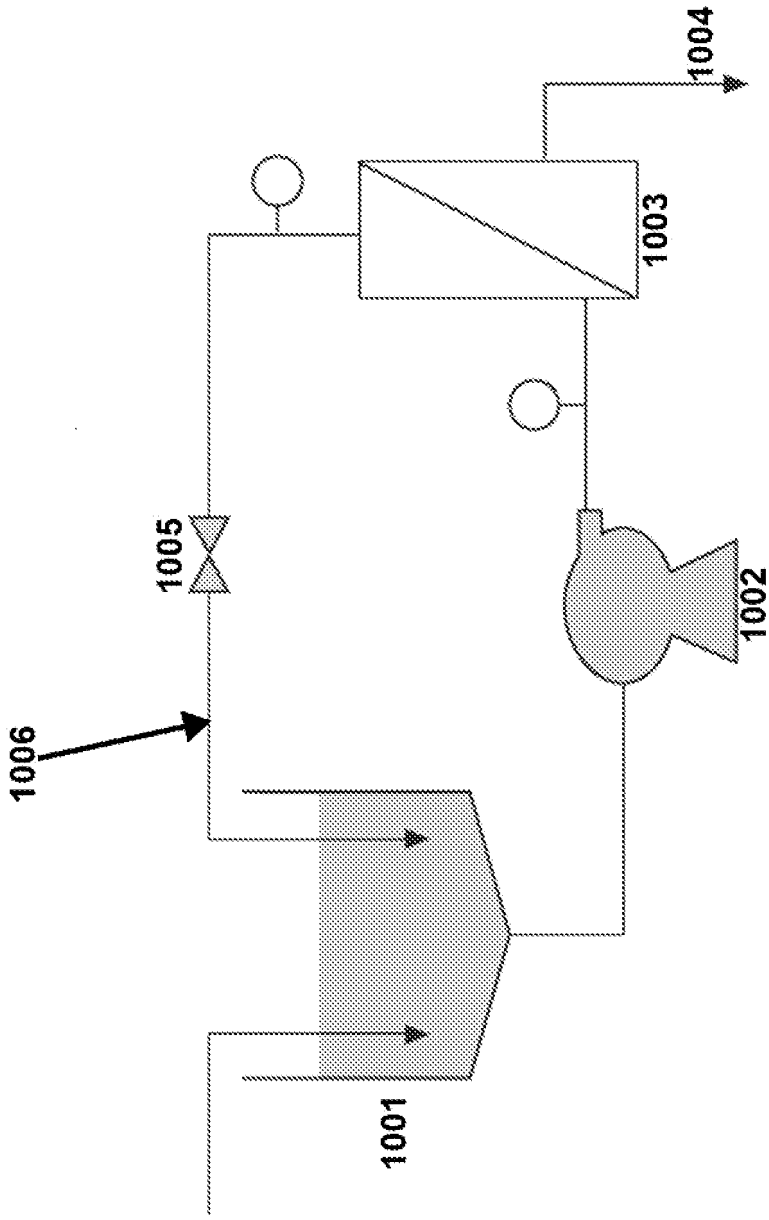



FIG. 11

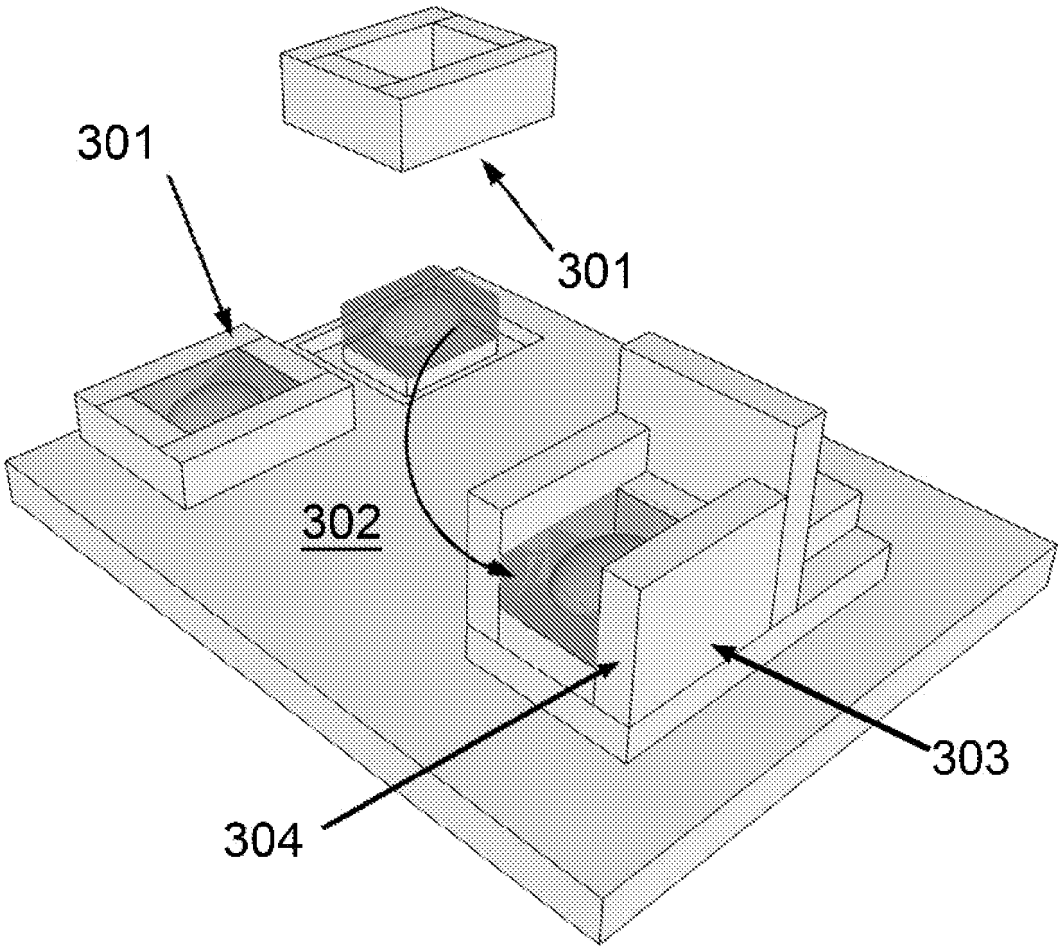



FIG. 12A

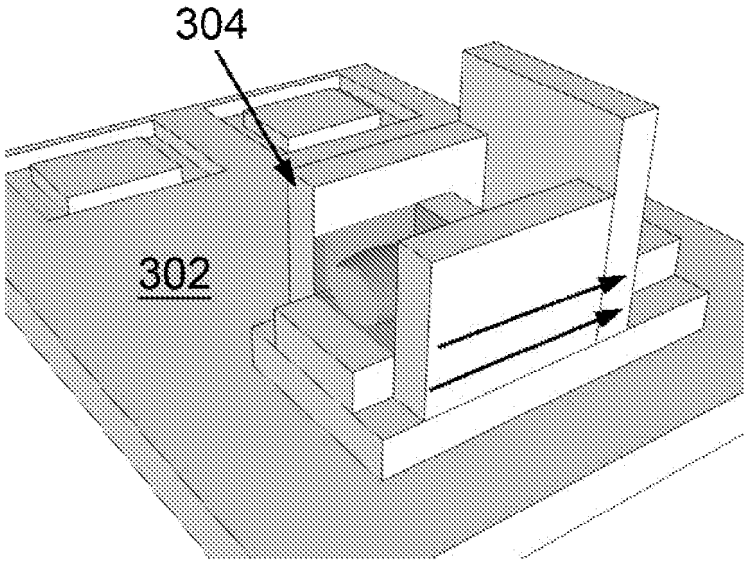



FIG. 12B

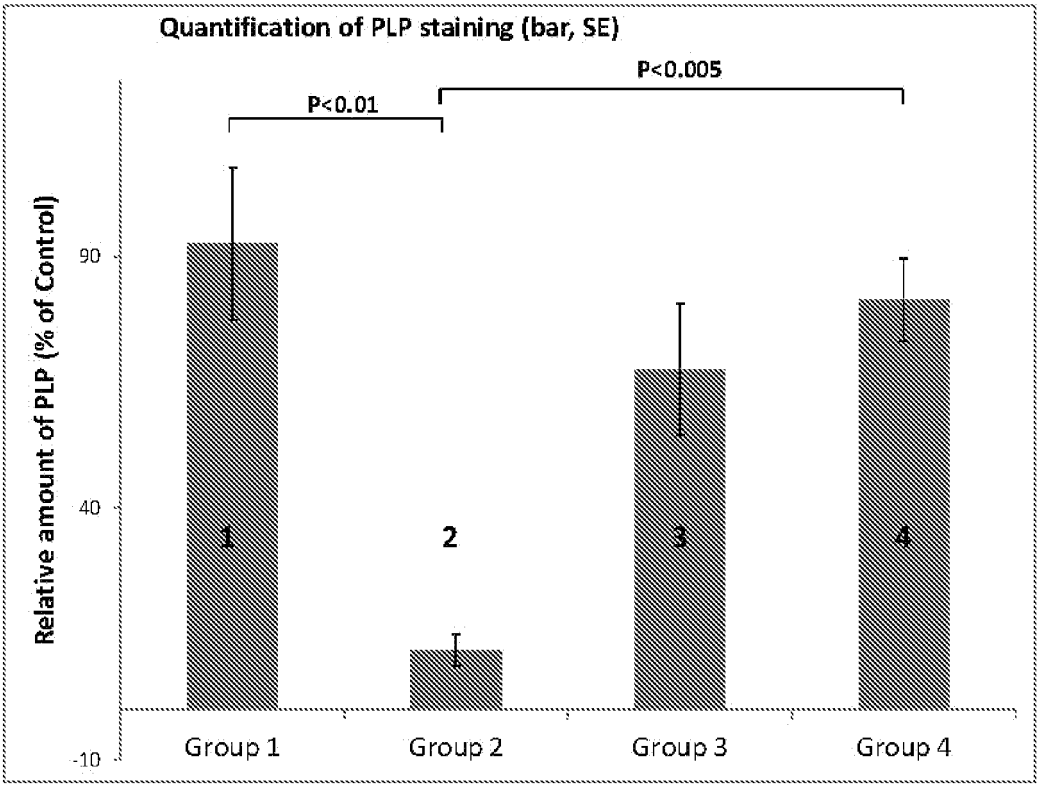



FIG. 13A




FIG. 13B




FIG. 13C

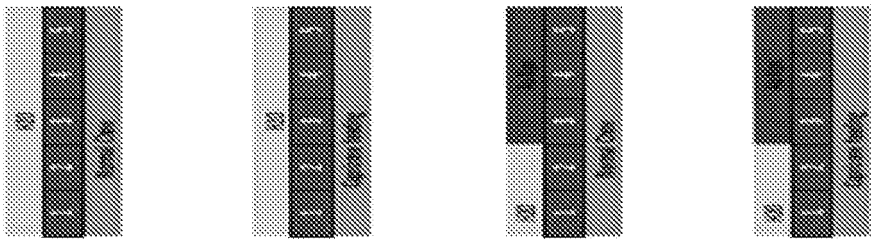


FIG. 13D

Group 1

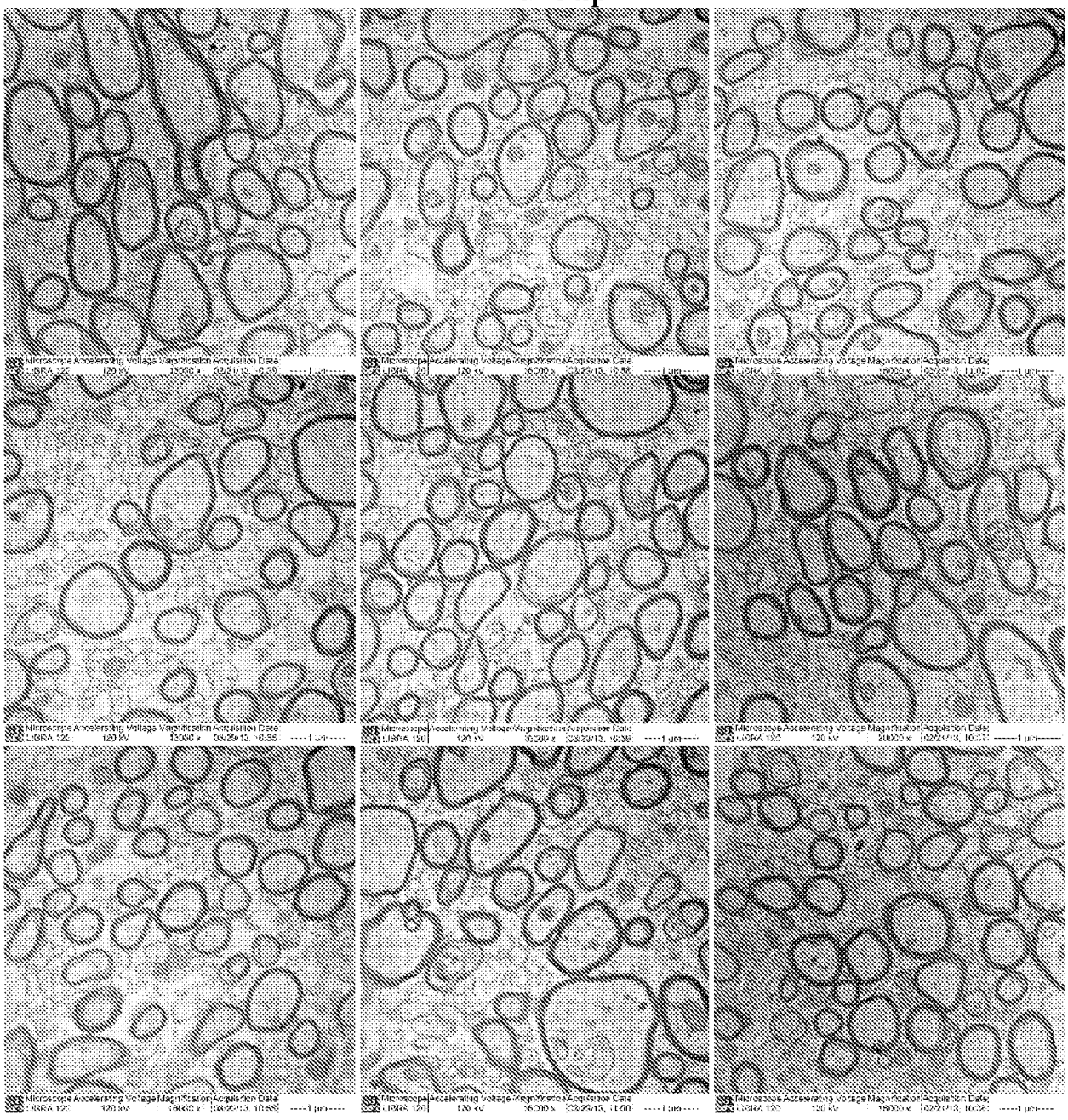


FIG. 14A

Group 2

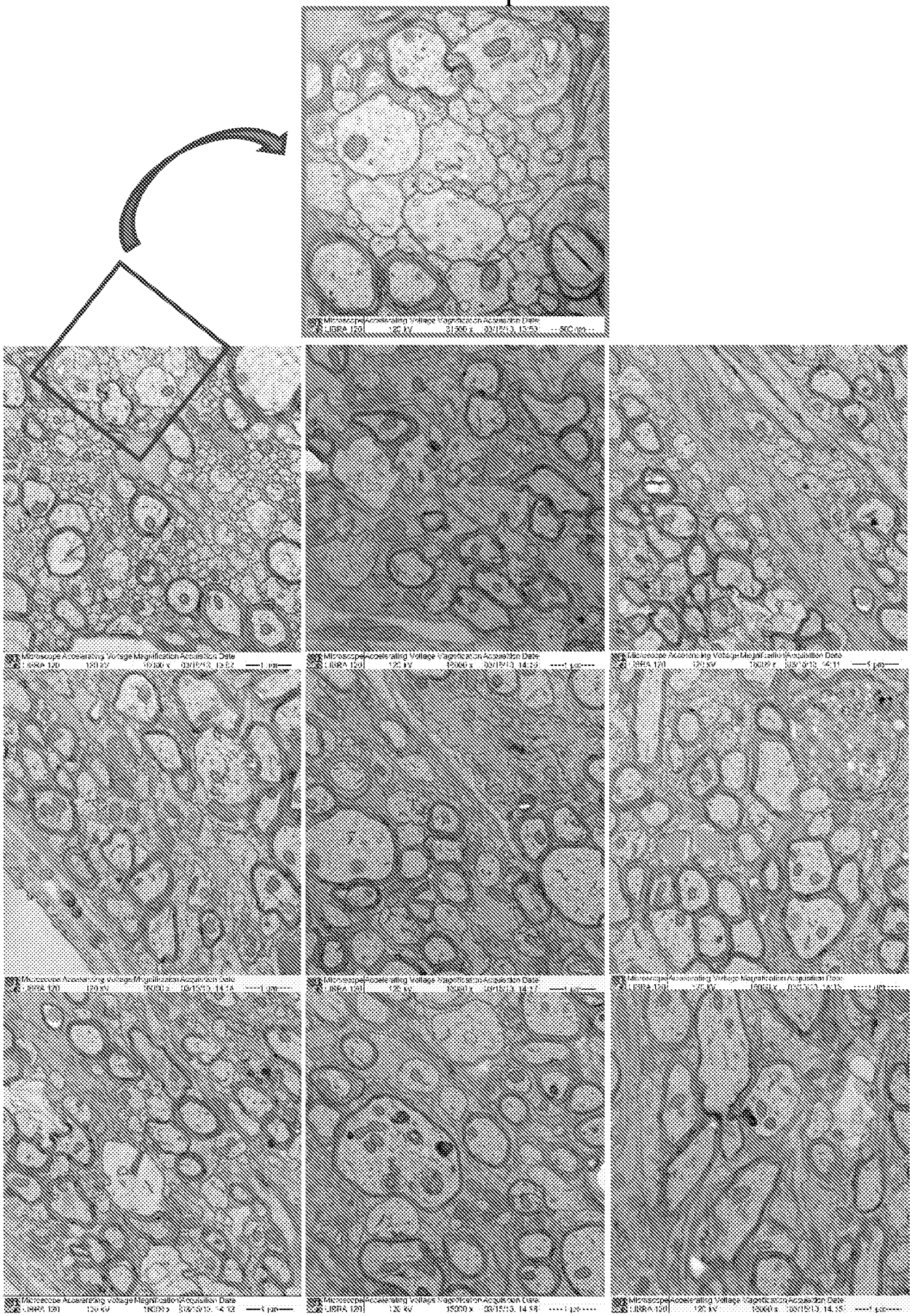


FIG. 14B

Group 3

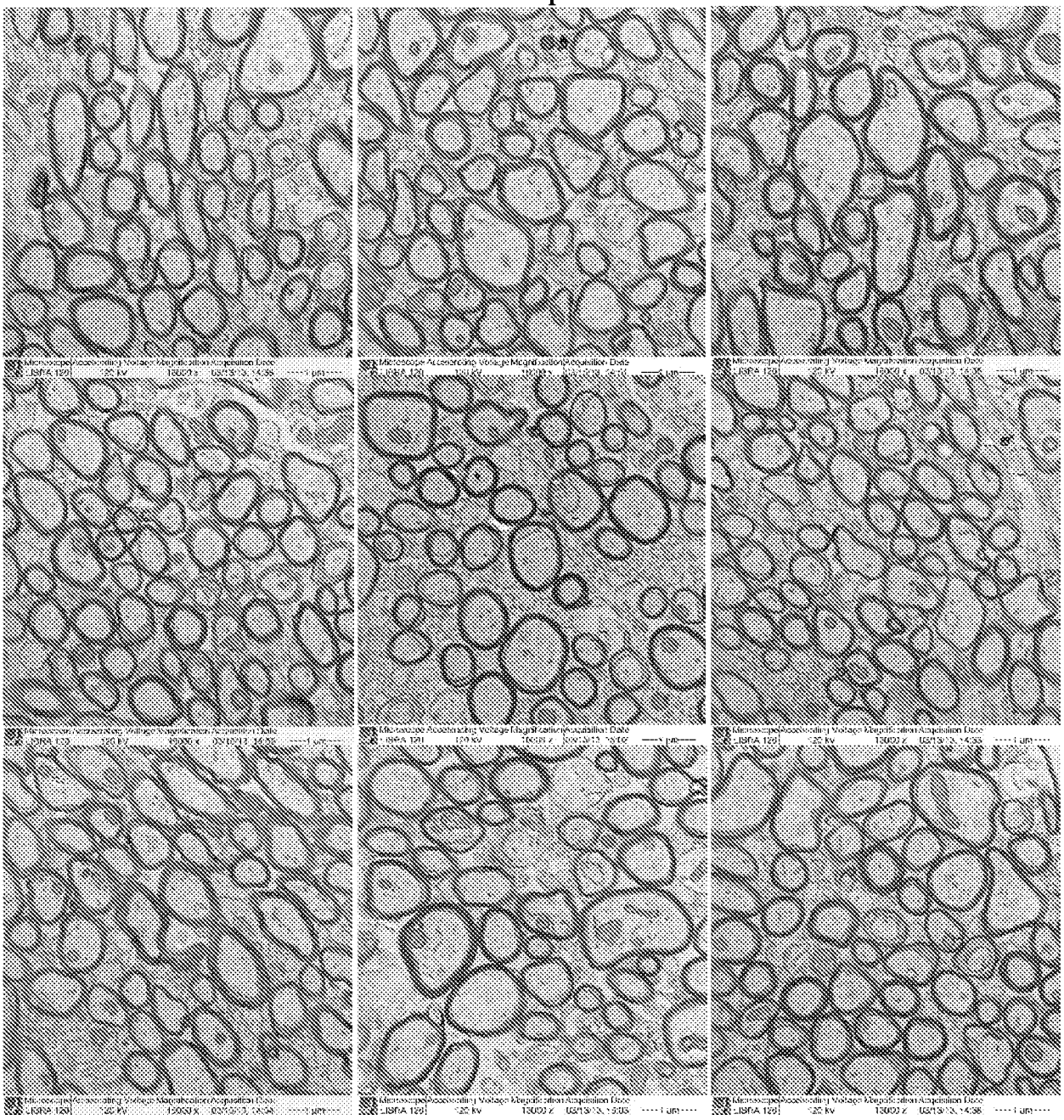


FIG. 14C

Group 4

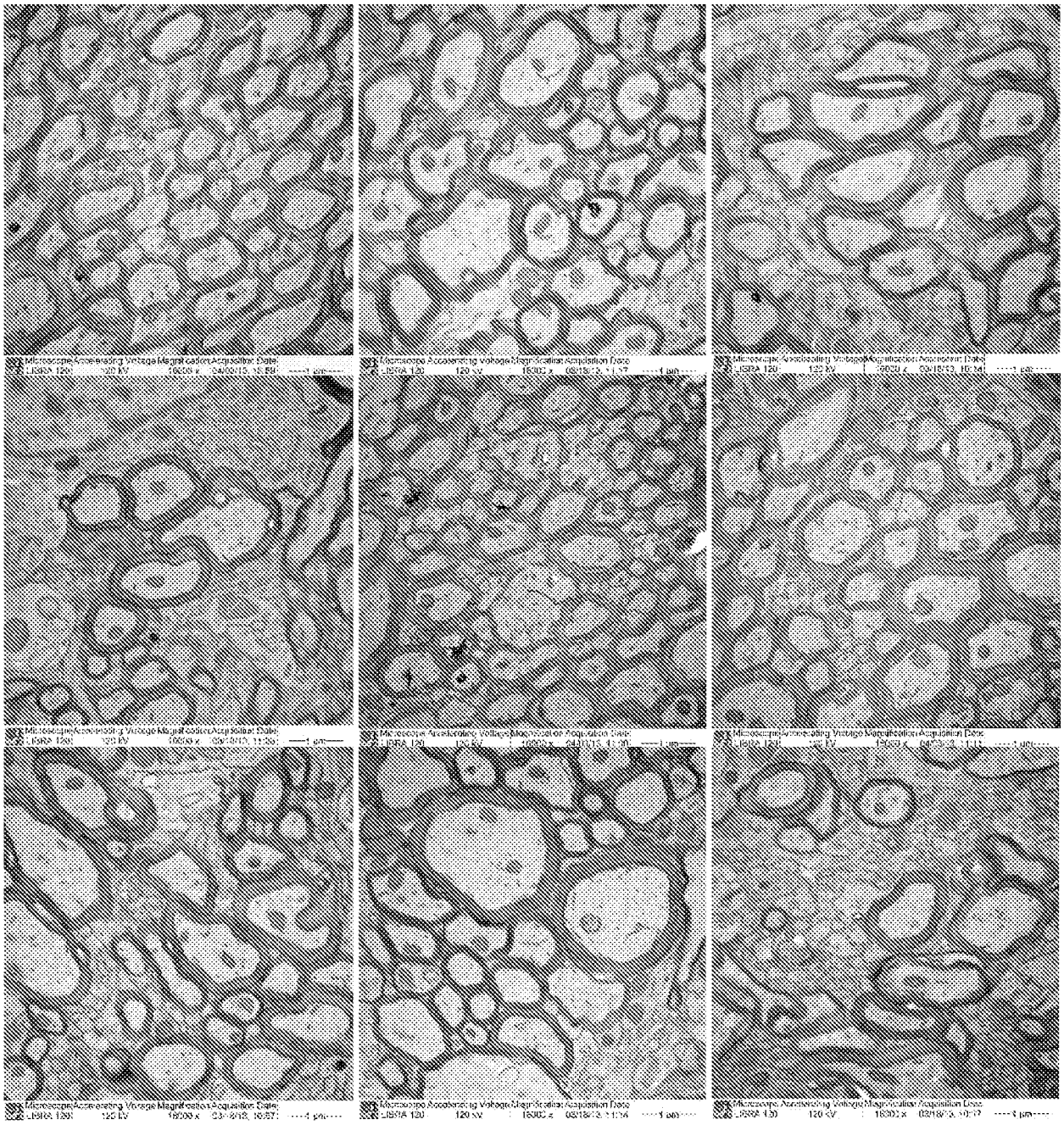


FIG. 14D

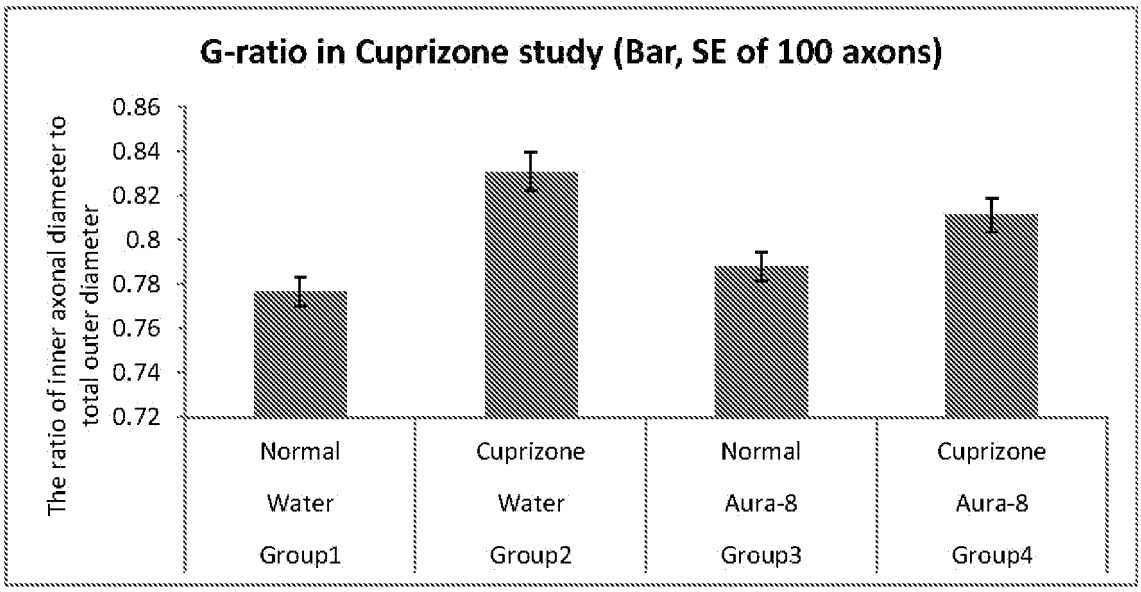

G-ratio in Cuprizone study (Bar, SE of 100 axons)
The ratio of inner axonal diameter to total outer diameter
0.86
0.84
0.82
0.8
0.78
0.76
0.74
0.72
Normal Water Group1
Cuprizone Water Group2
Normal Aura-8 Group3
Cuprizone Aura-8 Group4

FIG. 15

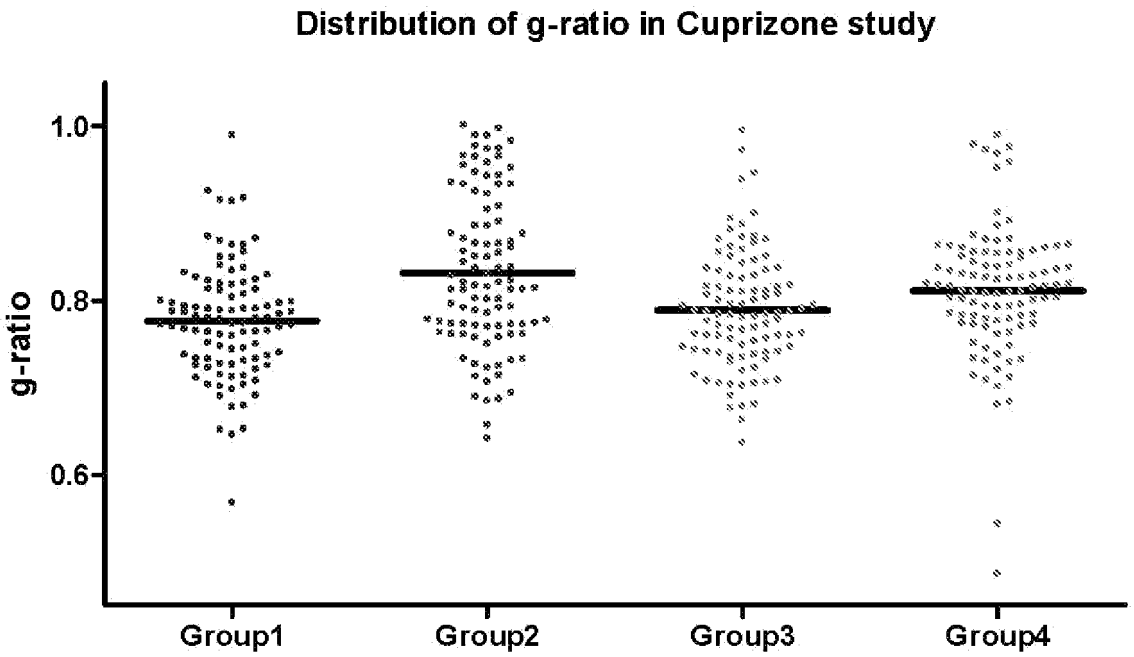

Distribution of g-ratio in Cuprizone study
g-ratio
1.0
0.8
0.6
Group1
Group2
Group3
Group4

FIG. 16

FIG. 17A

FIG. 17B

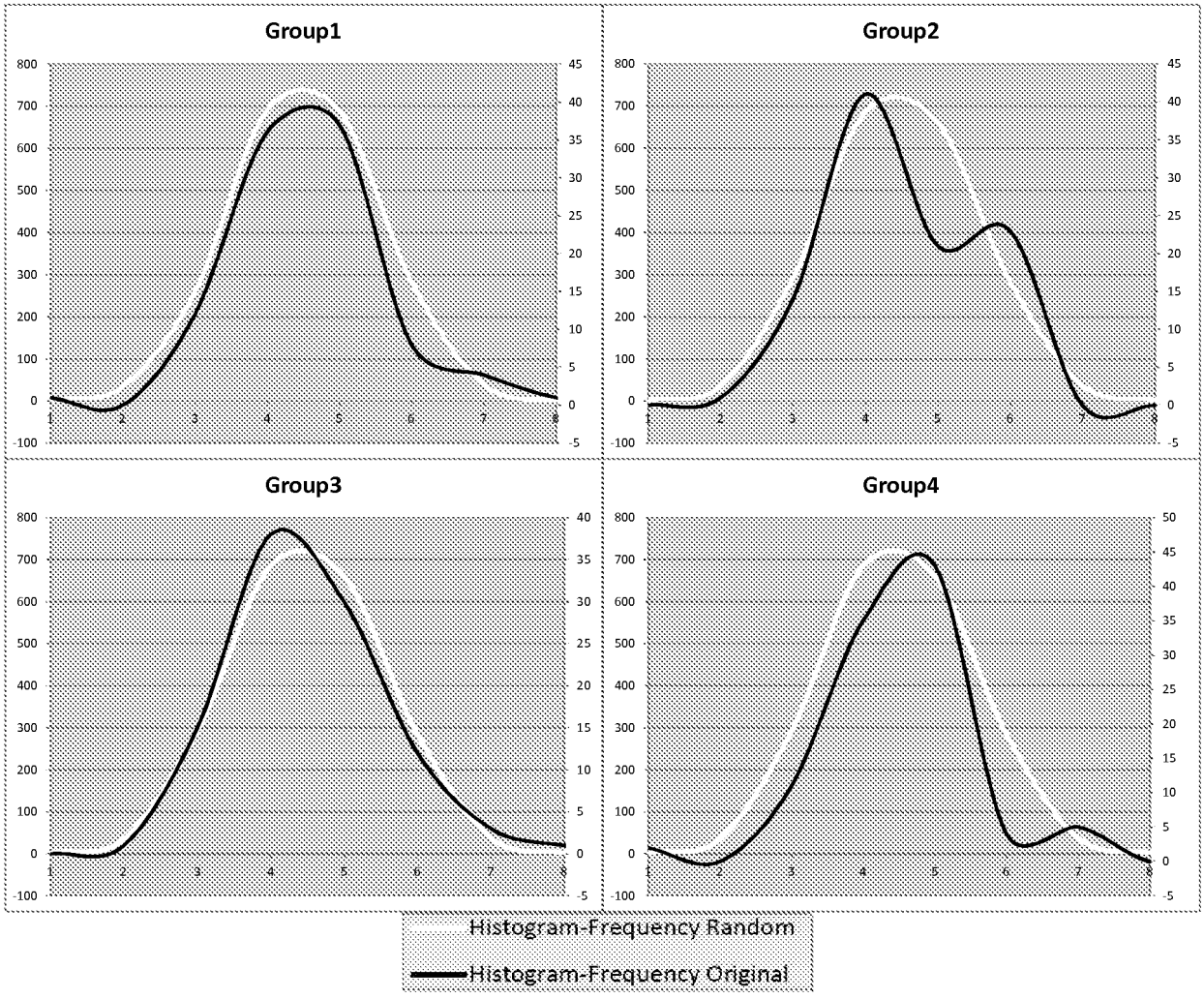



FIG. 17C

FIG. 17D

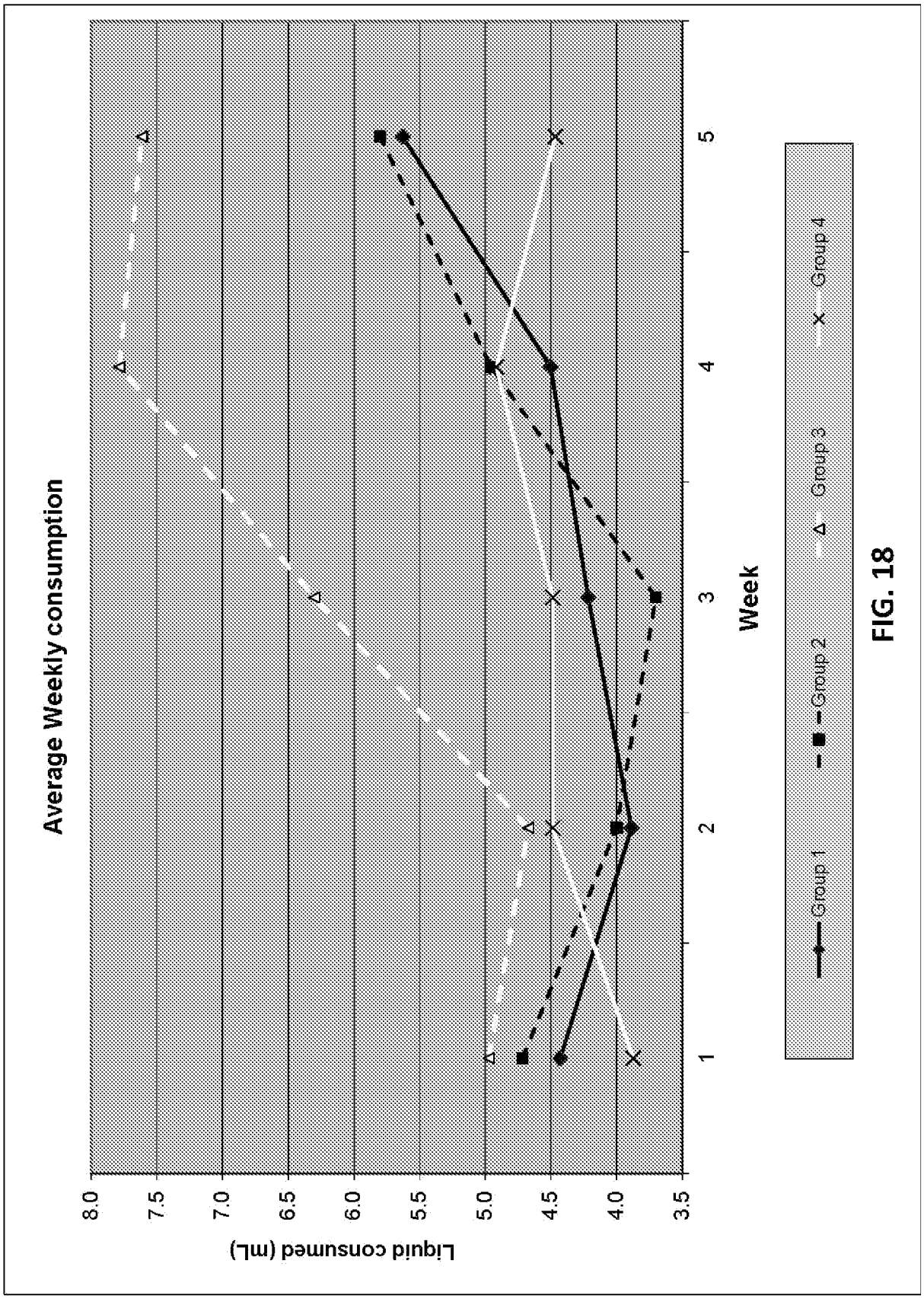
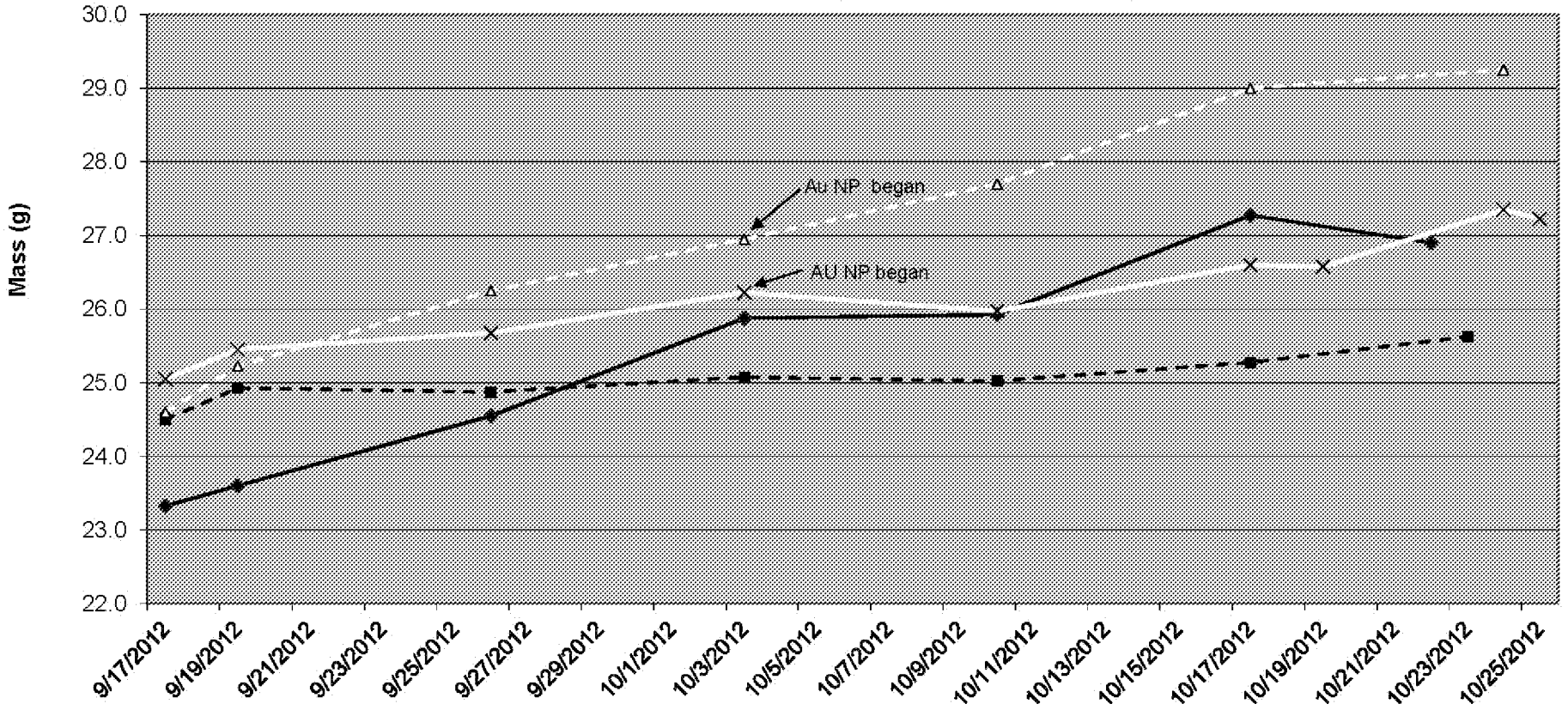

Average Weekly consumption
Liquid consumed (mL)
8.0
7.5
7.0
6.5
6.0
5.5
5.0
4.5
4.0
3.5
1
2
3
4
5
Week
Group 1
Group 2
Group 3
Group 4

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

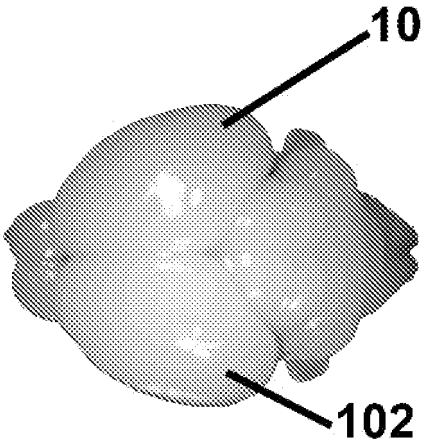



FIG. 20B

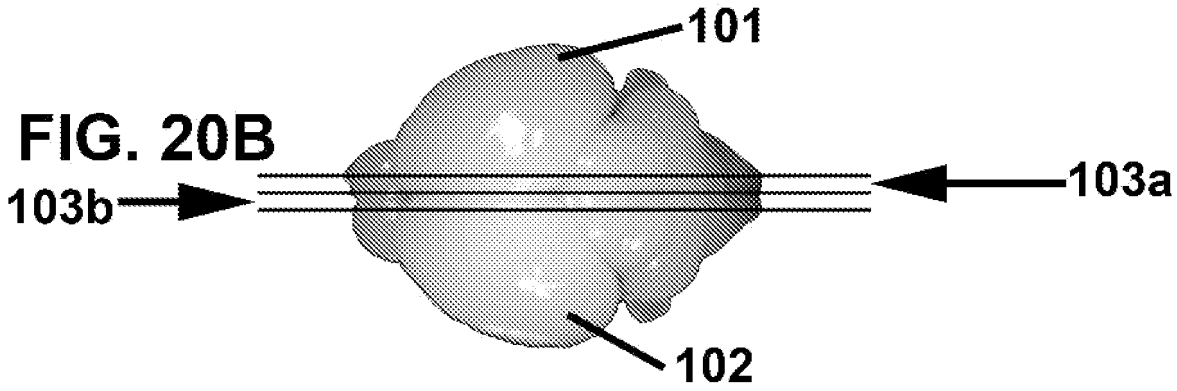
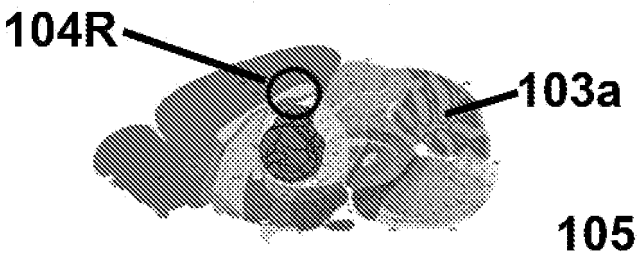



FIG. 20C



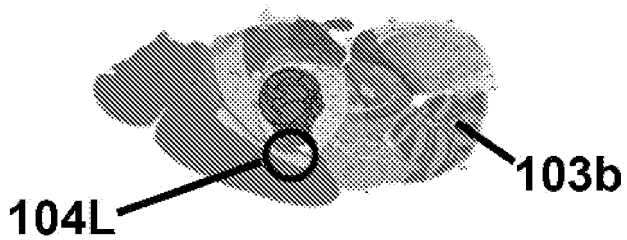
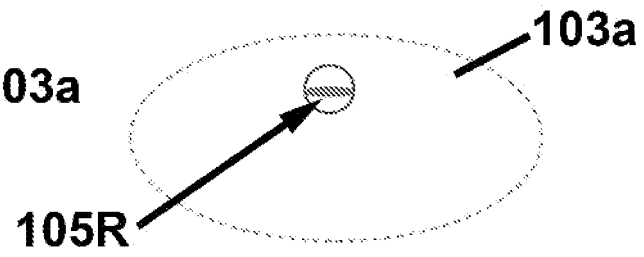




FIG. 20D

FIG. 20E



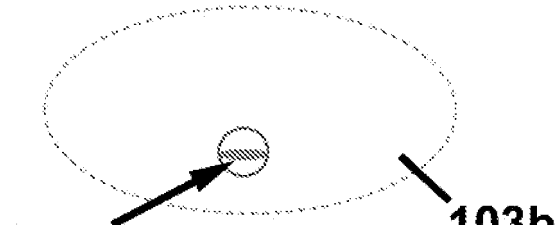




FIG. 20F

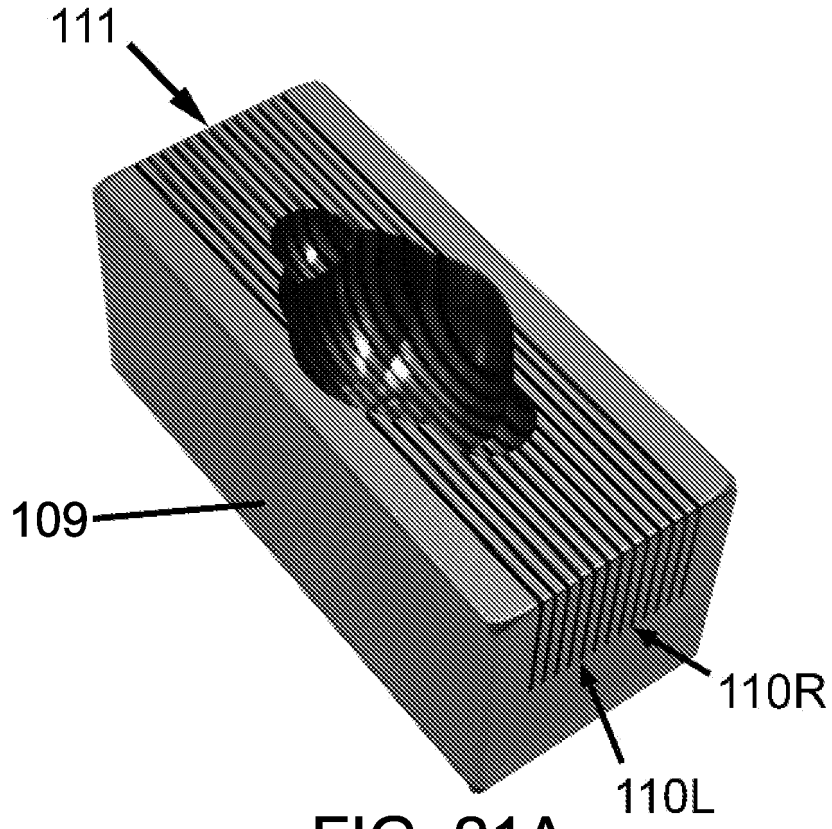



FIG. 21A

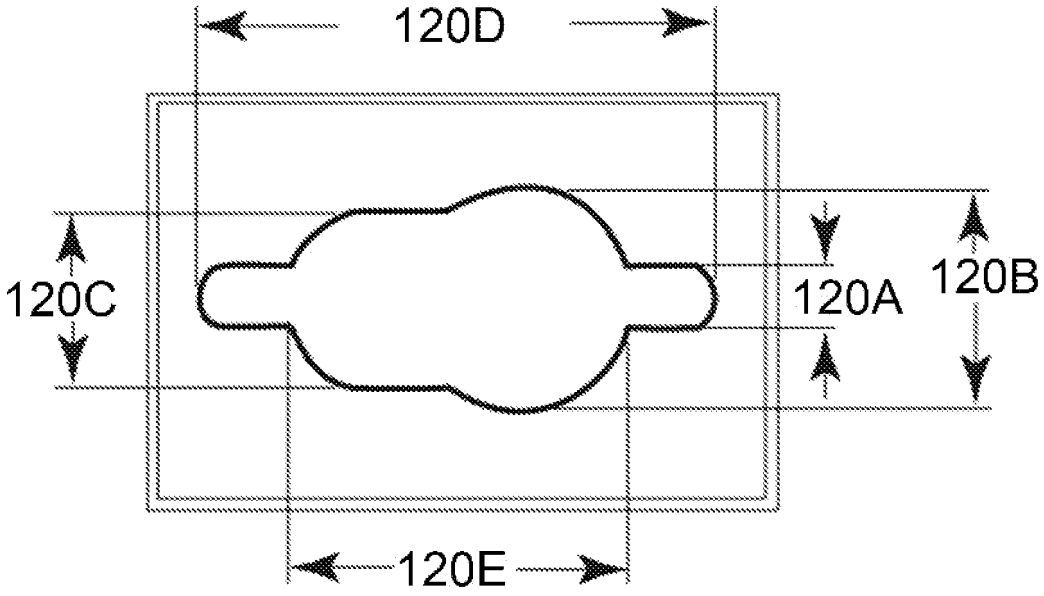



FIG. 21B

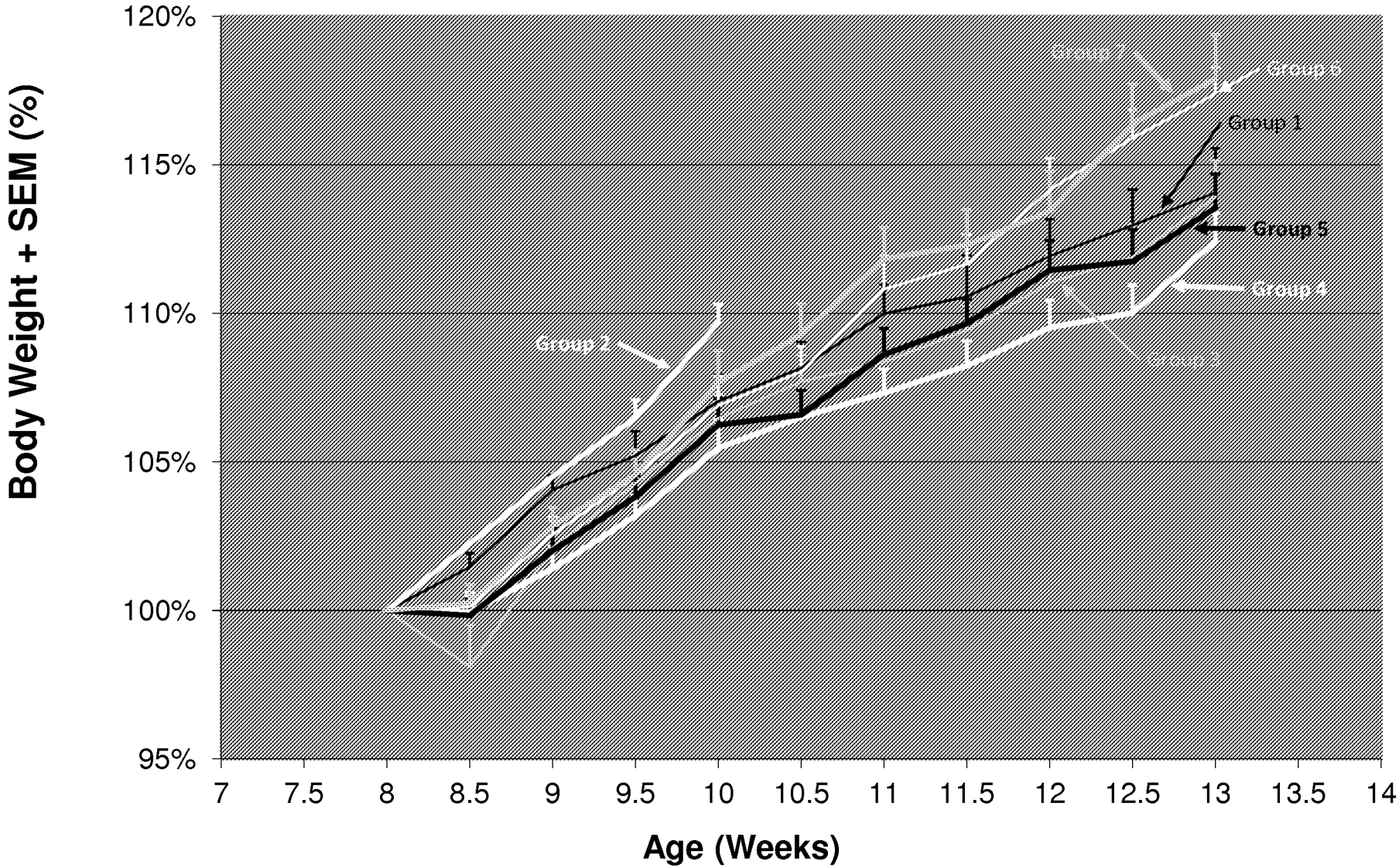

Body Weight + SEM (%)
120%
115%
110%
105%
100%
95%
7
7.5
8
8.5
9
9.5
10
10.5
11
11.5
12
12.5
13
13.5
14
Age (Weeks)
Group 5
Group 1
Group 5
Group 4
Group 2

FIG. 22

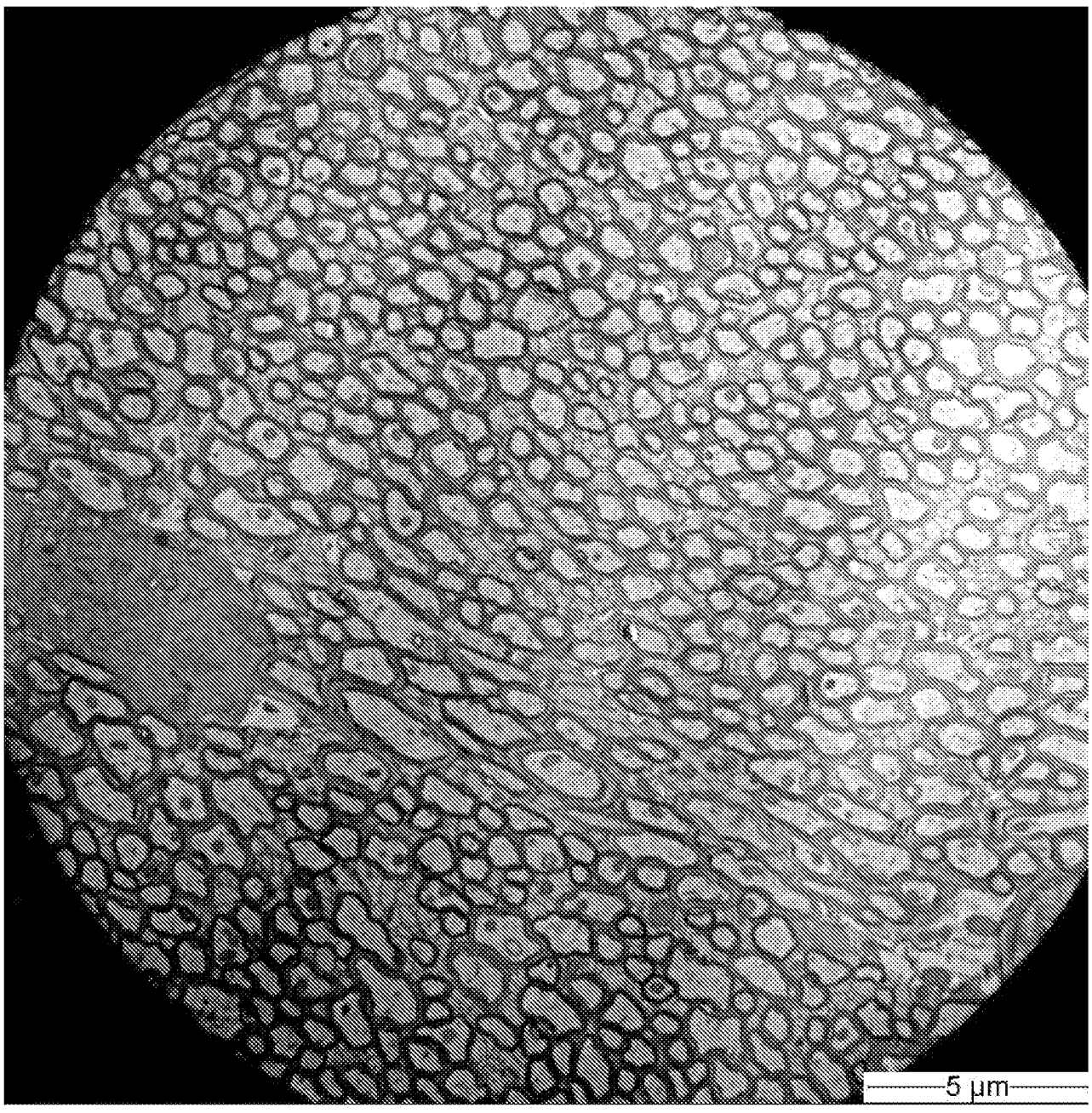



FIG. 23A

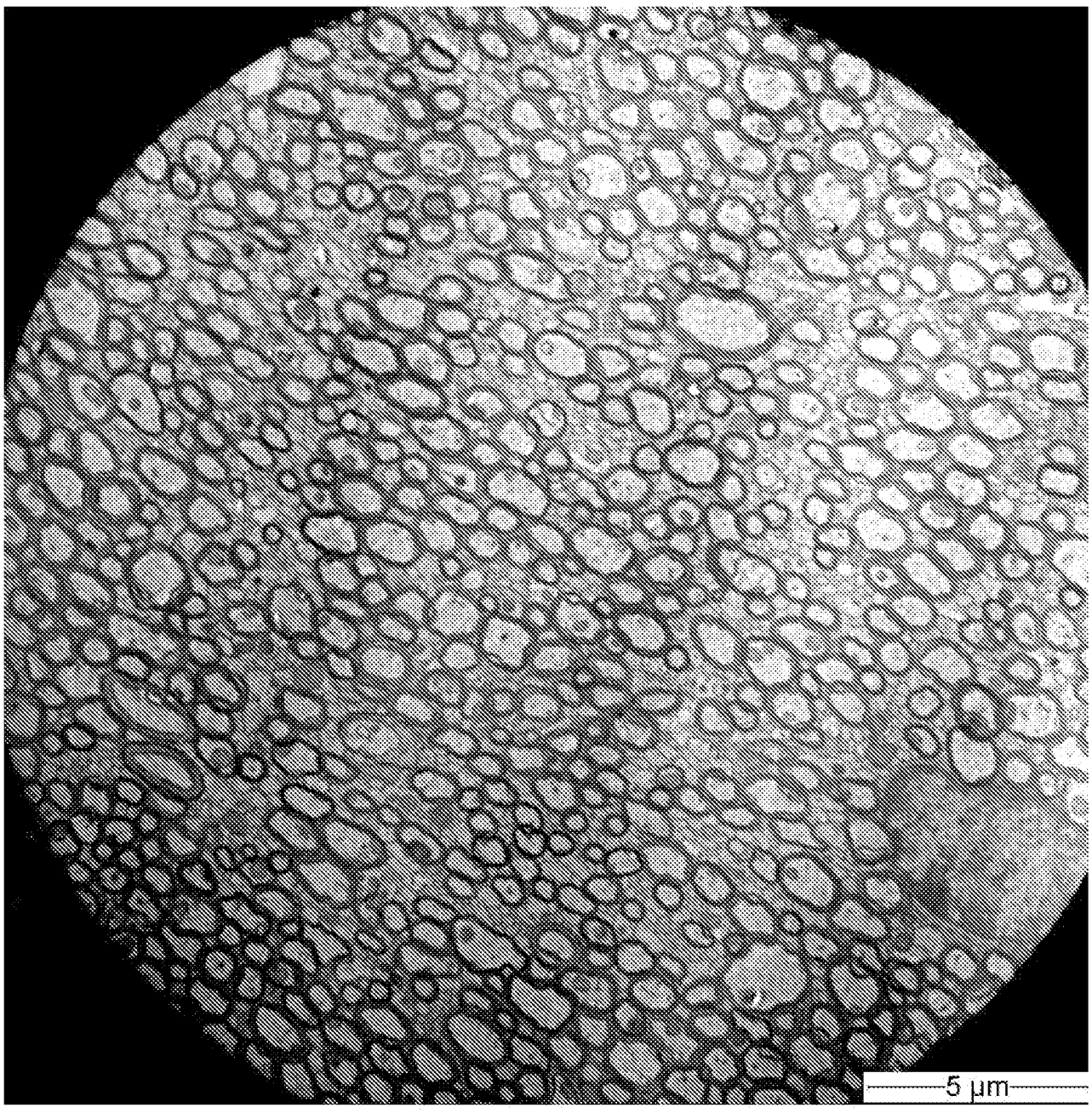



FIG. 23B

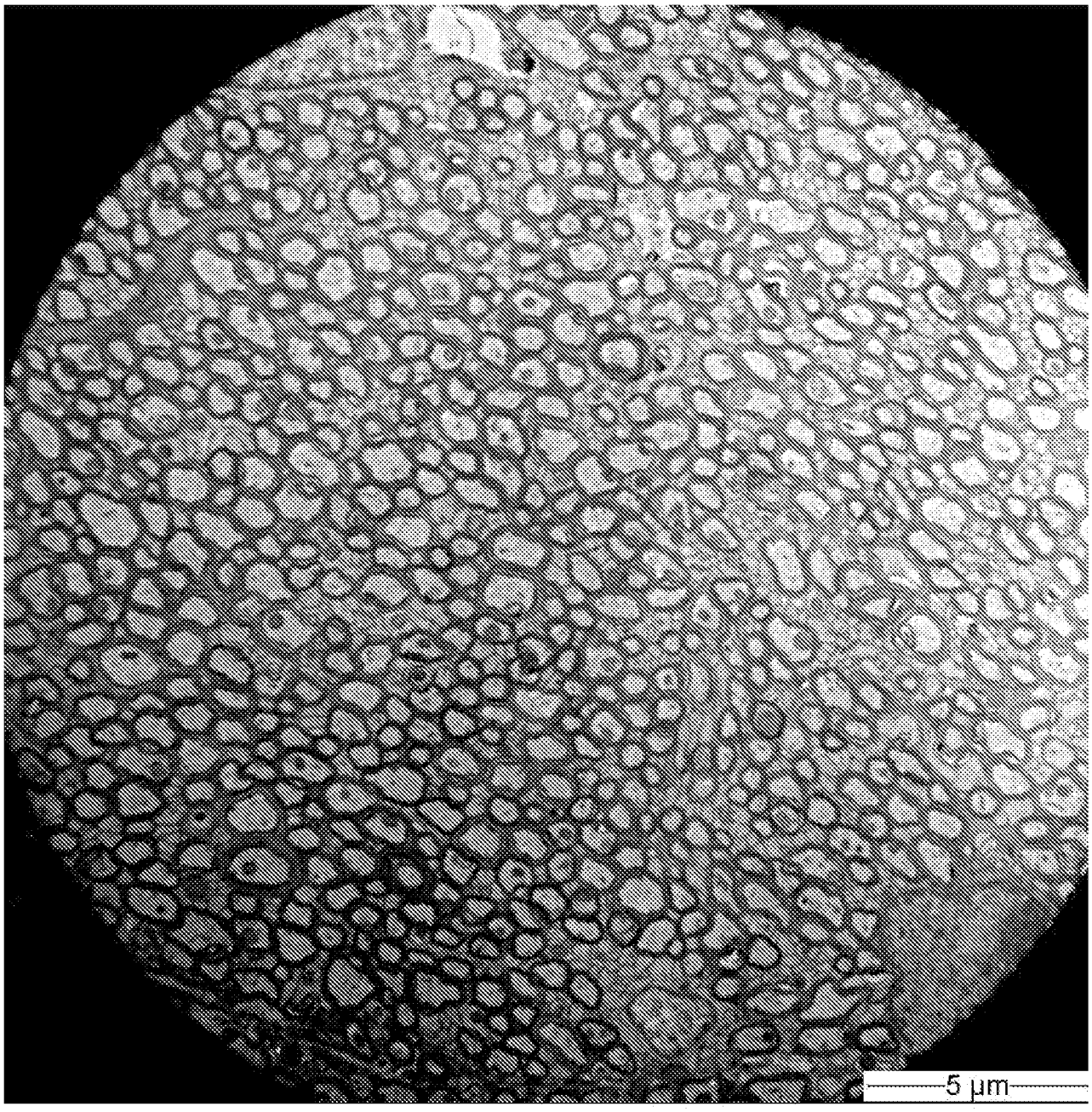



FIG. 23C

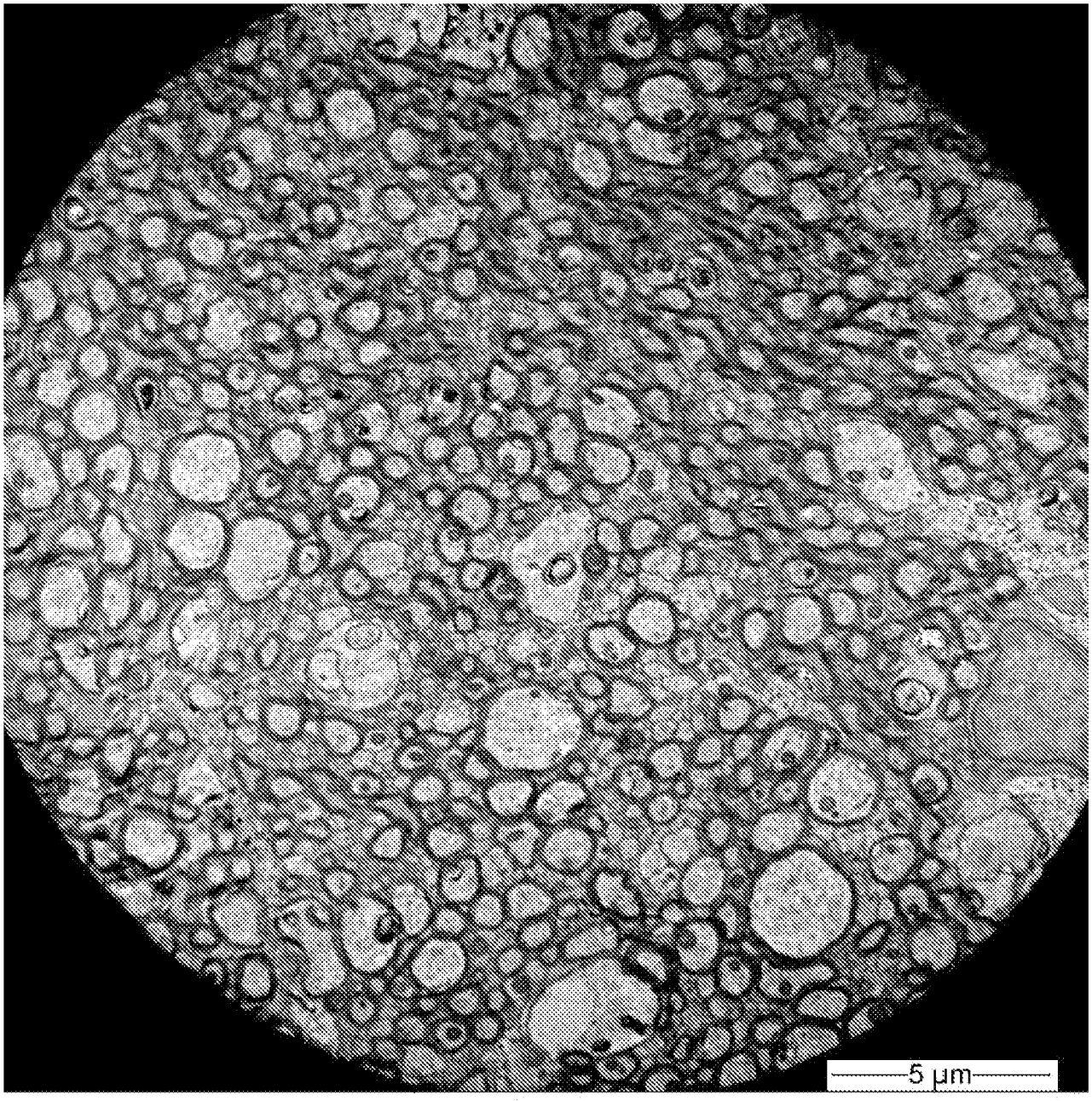



FIG. 24A

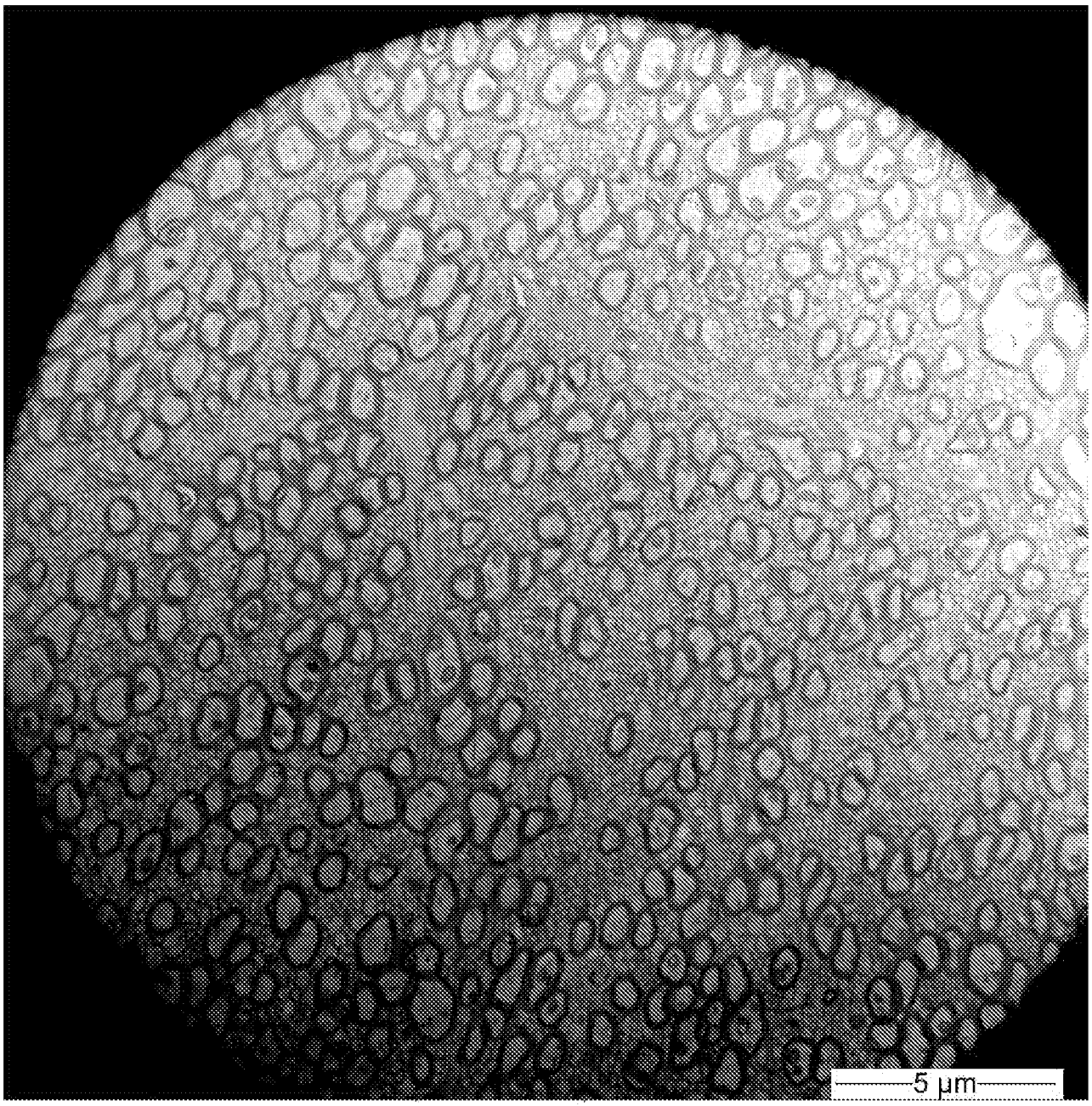



FIG. 24B

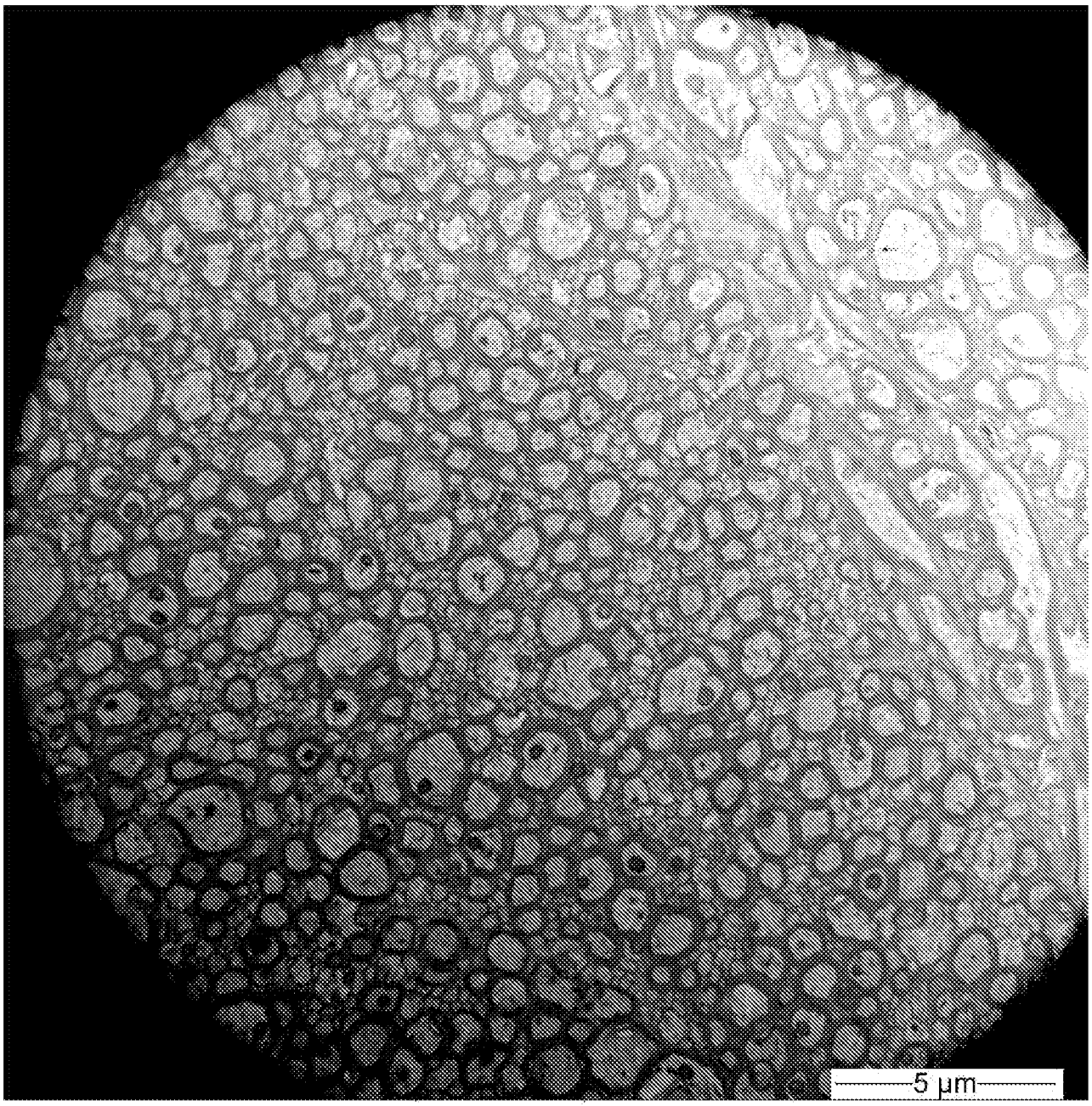



FIG. 24C

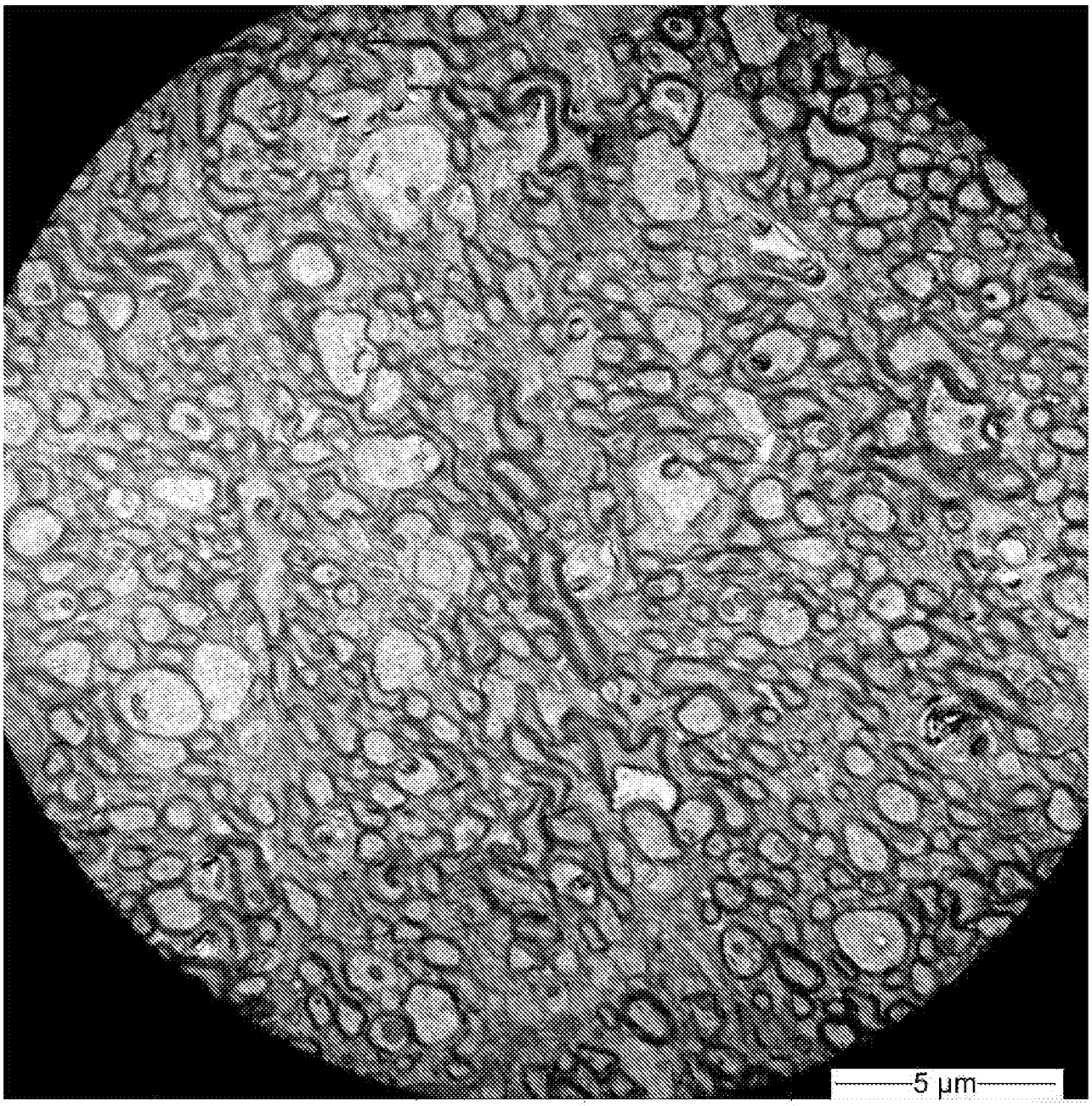



FIG. 24D

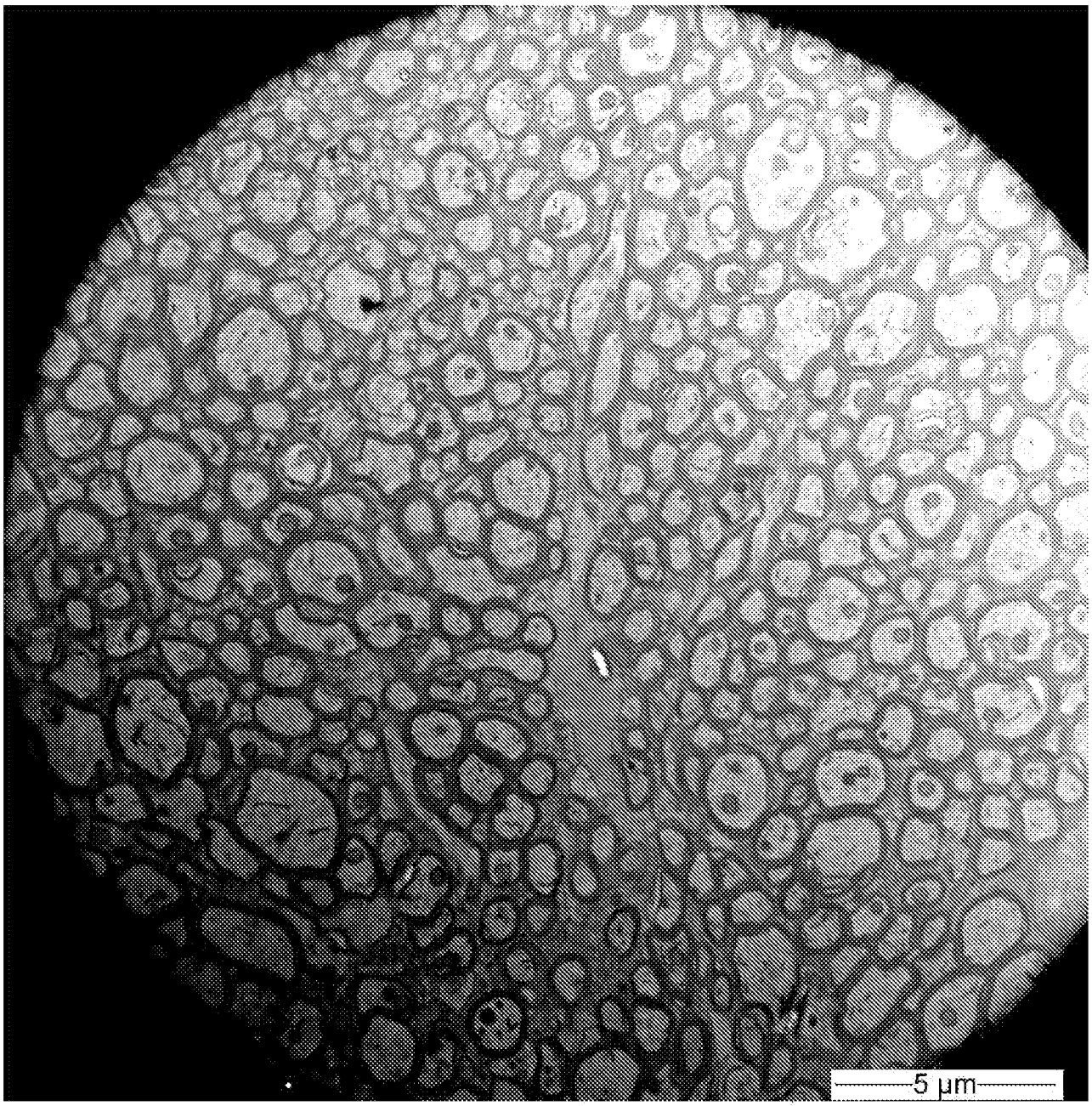



FIG. 24E

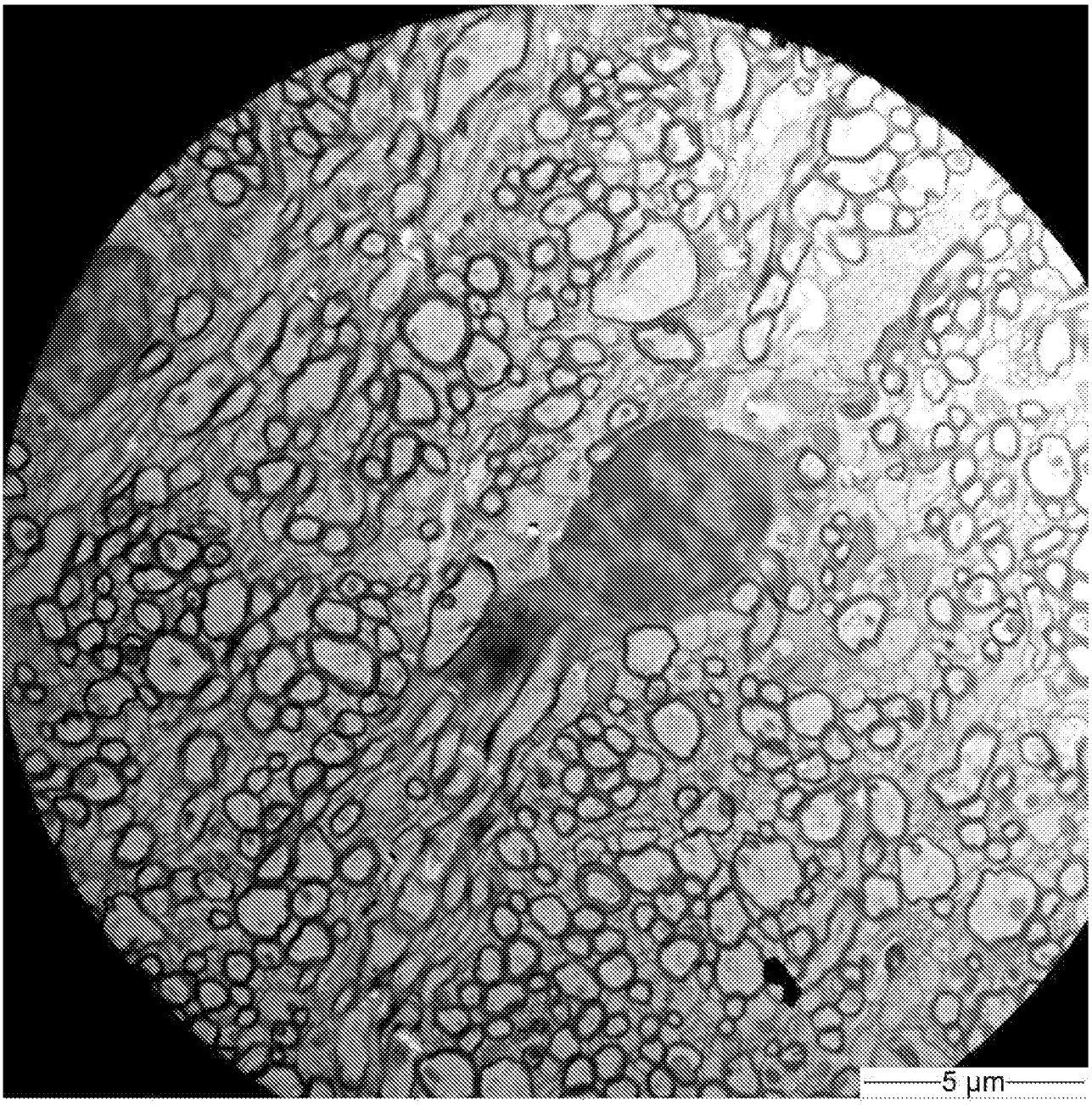



FIG. 25A




FIG. 25B

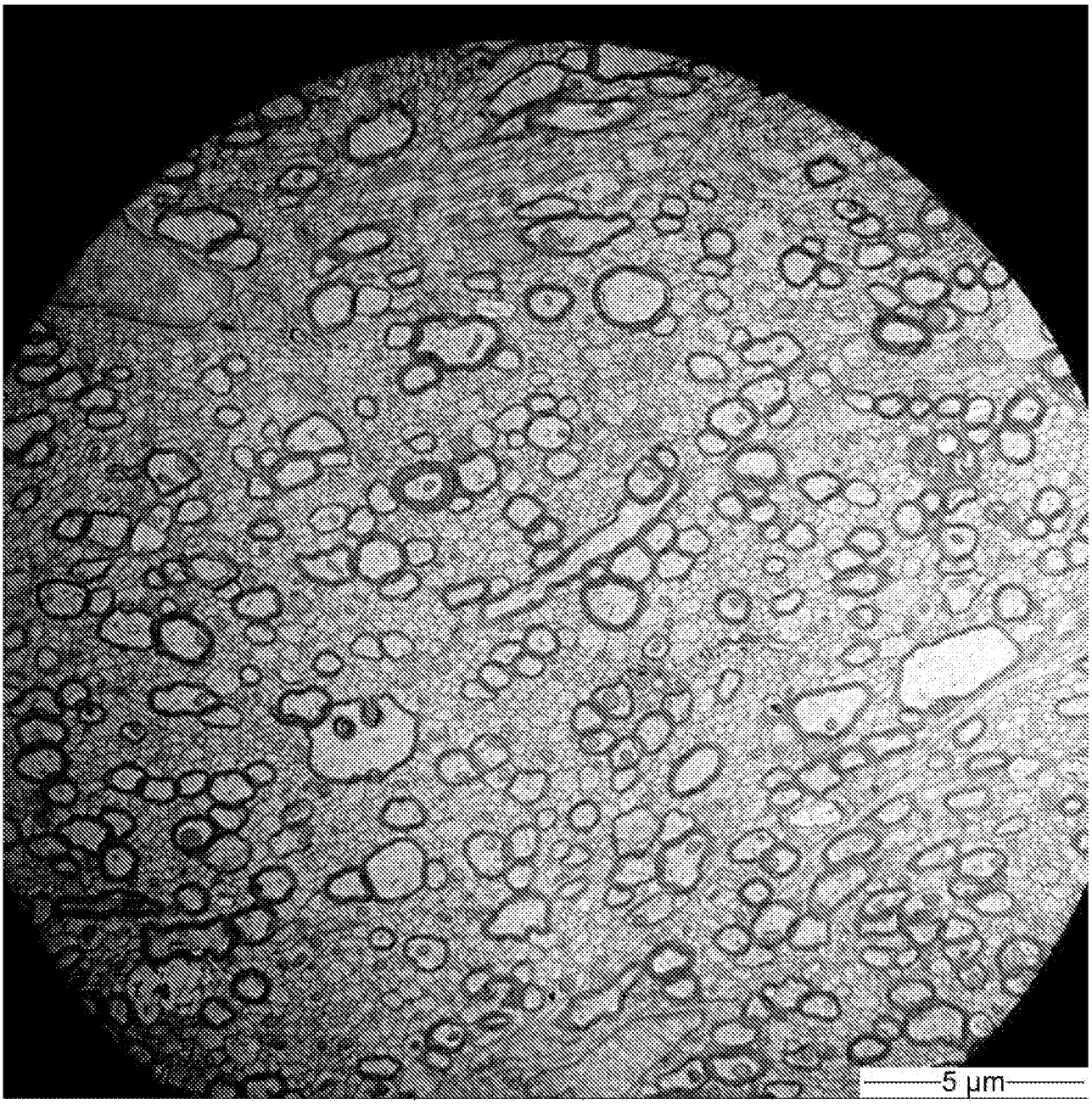



FIG. 25C

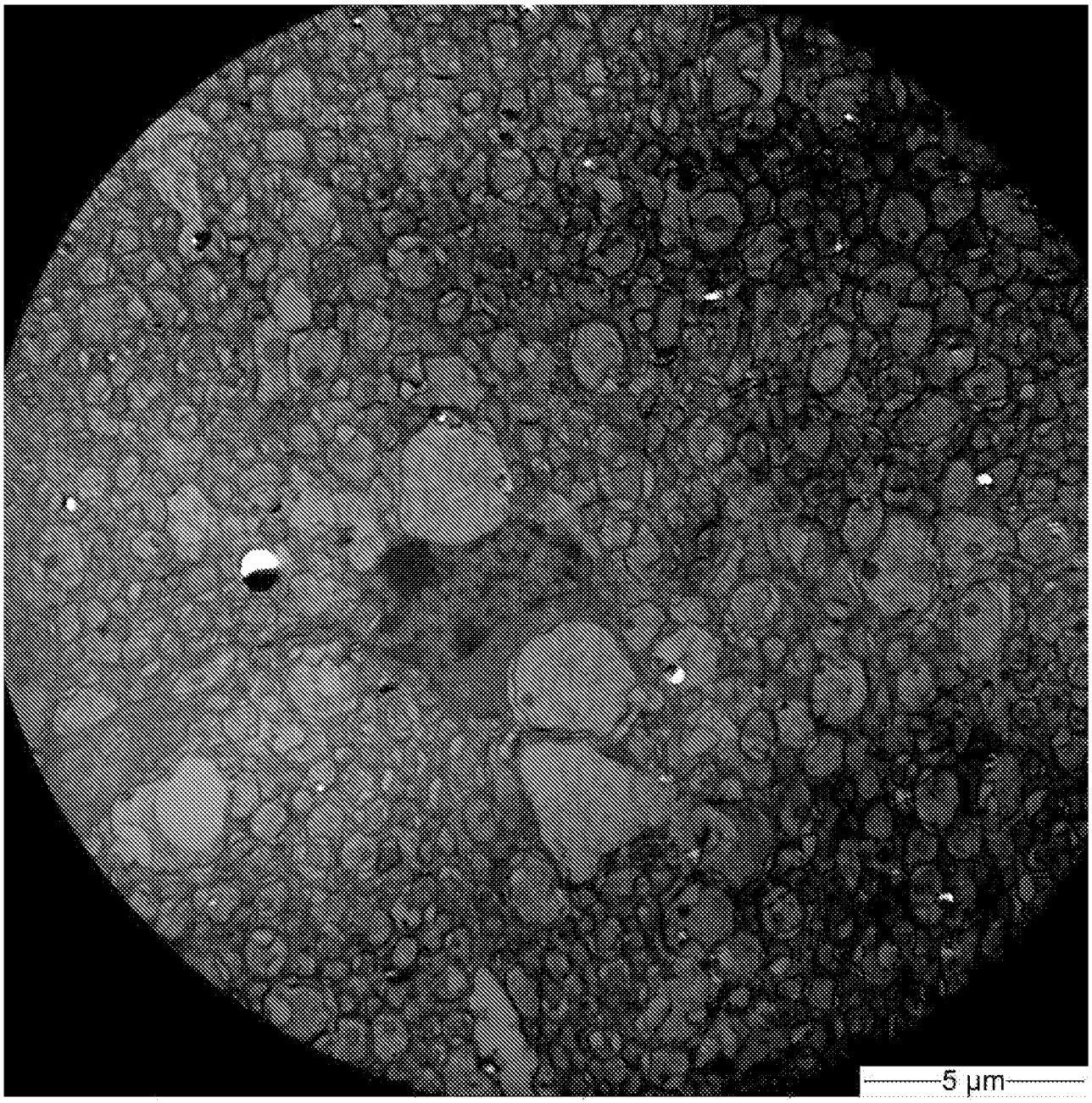



FIG. 25D

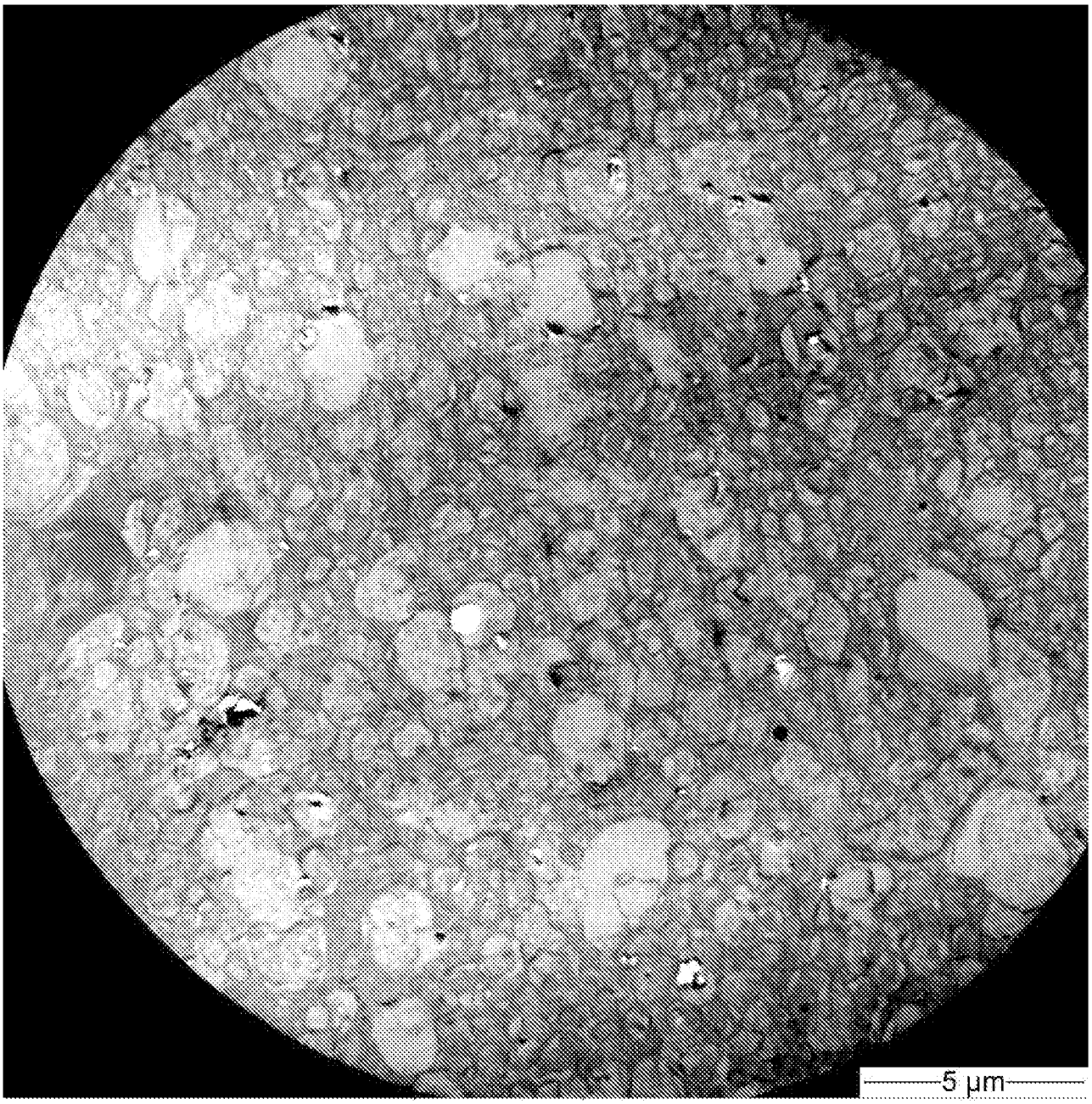



FIG. 25E

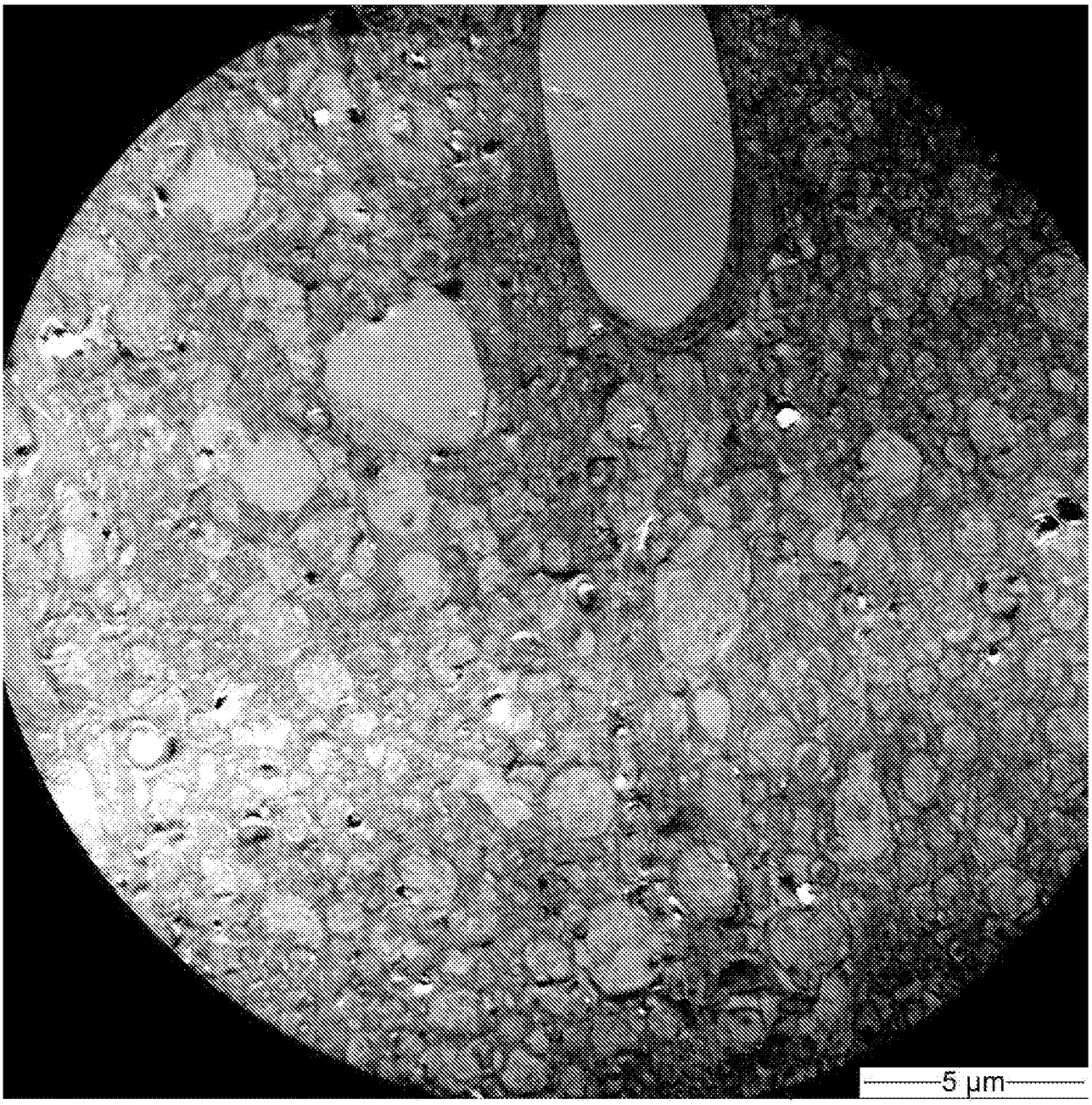



FIG. 25F

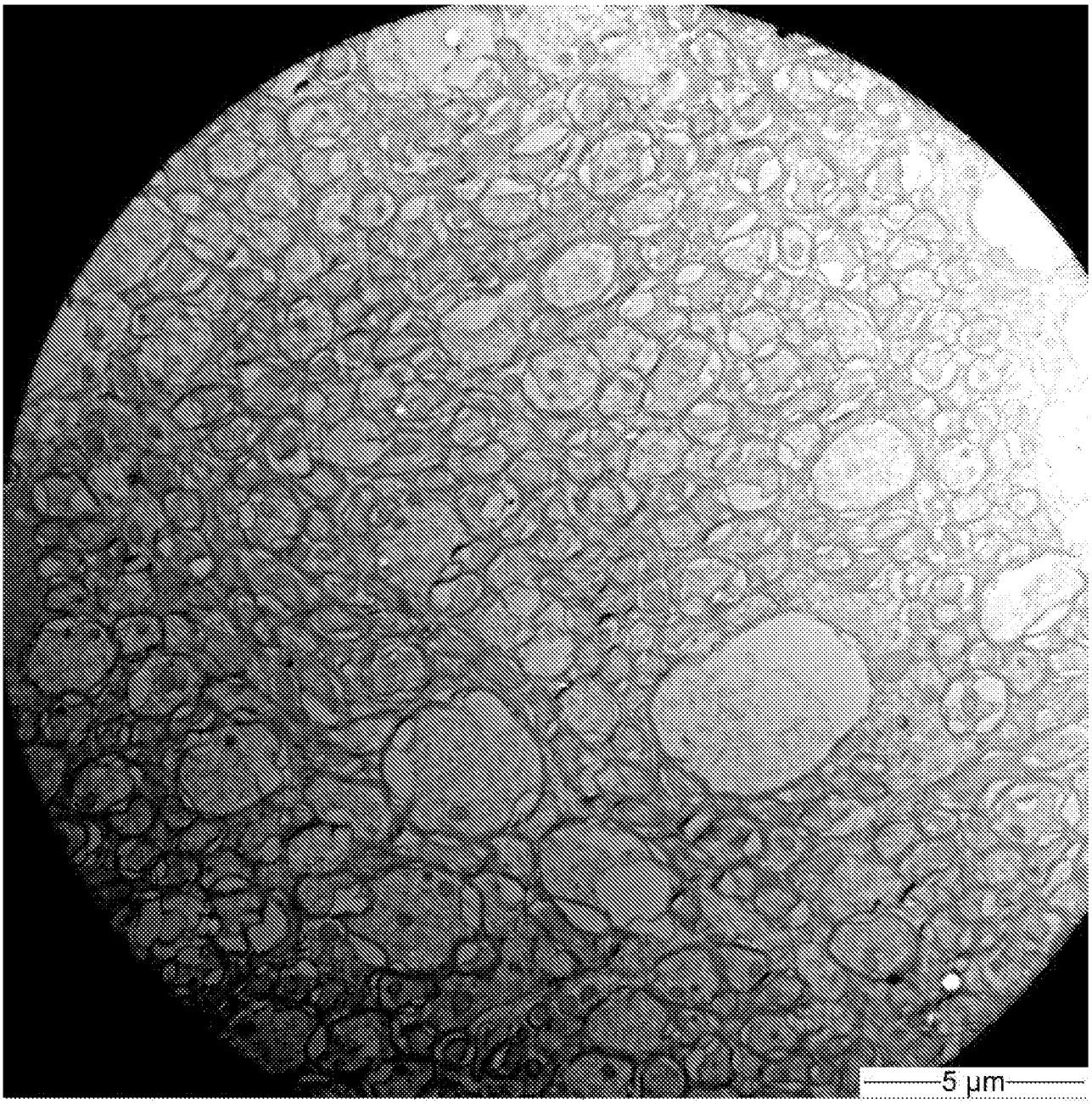



FIG. 25G

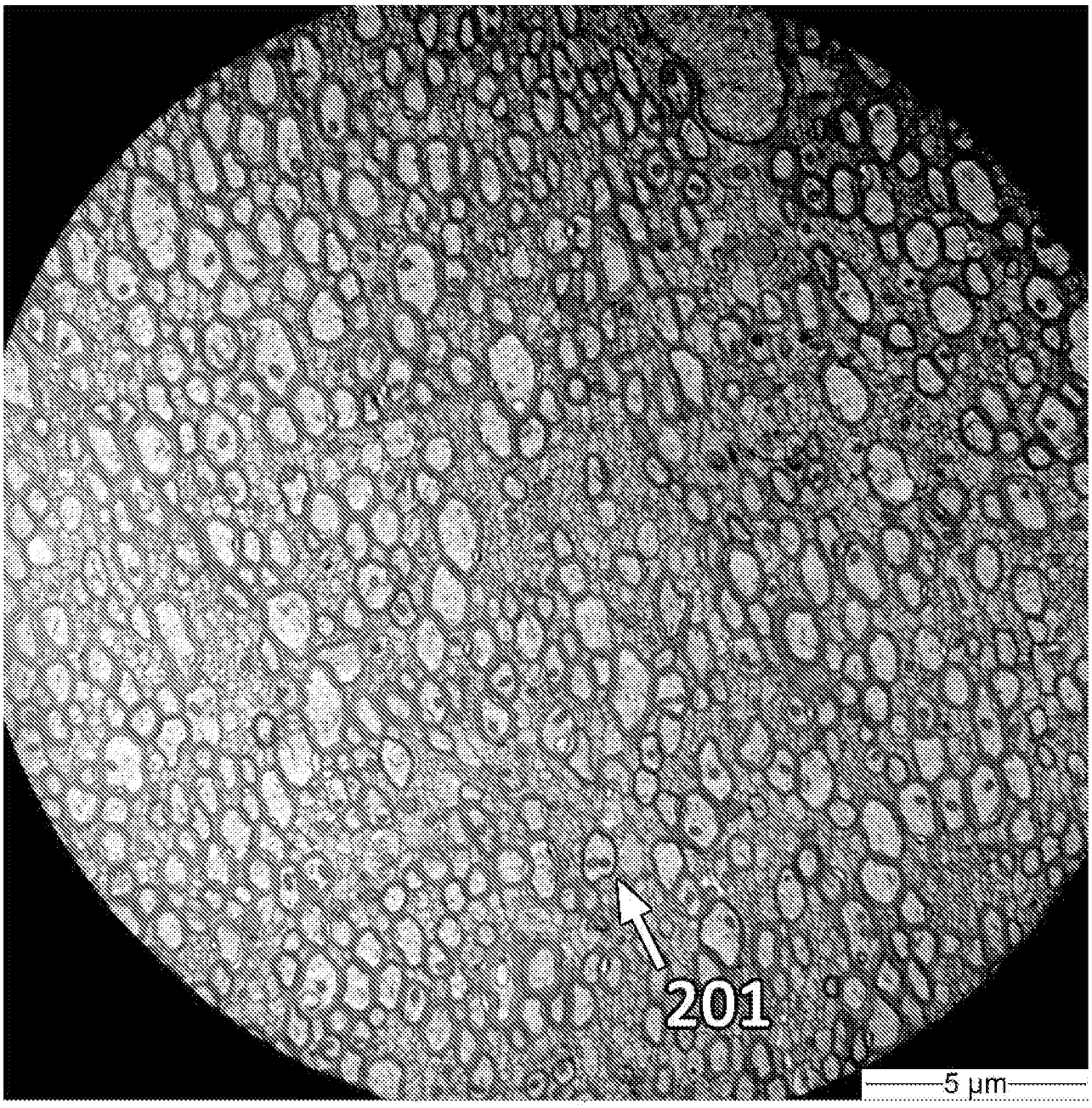



FIG. 26A

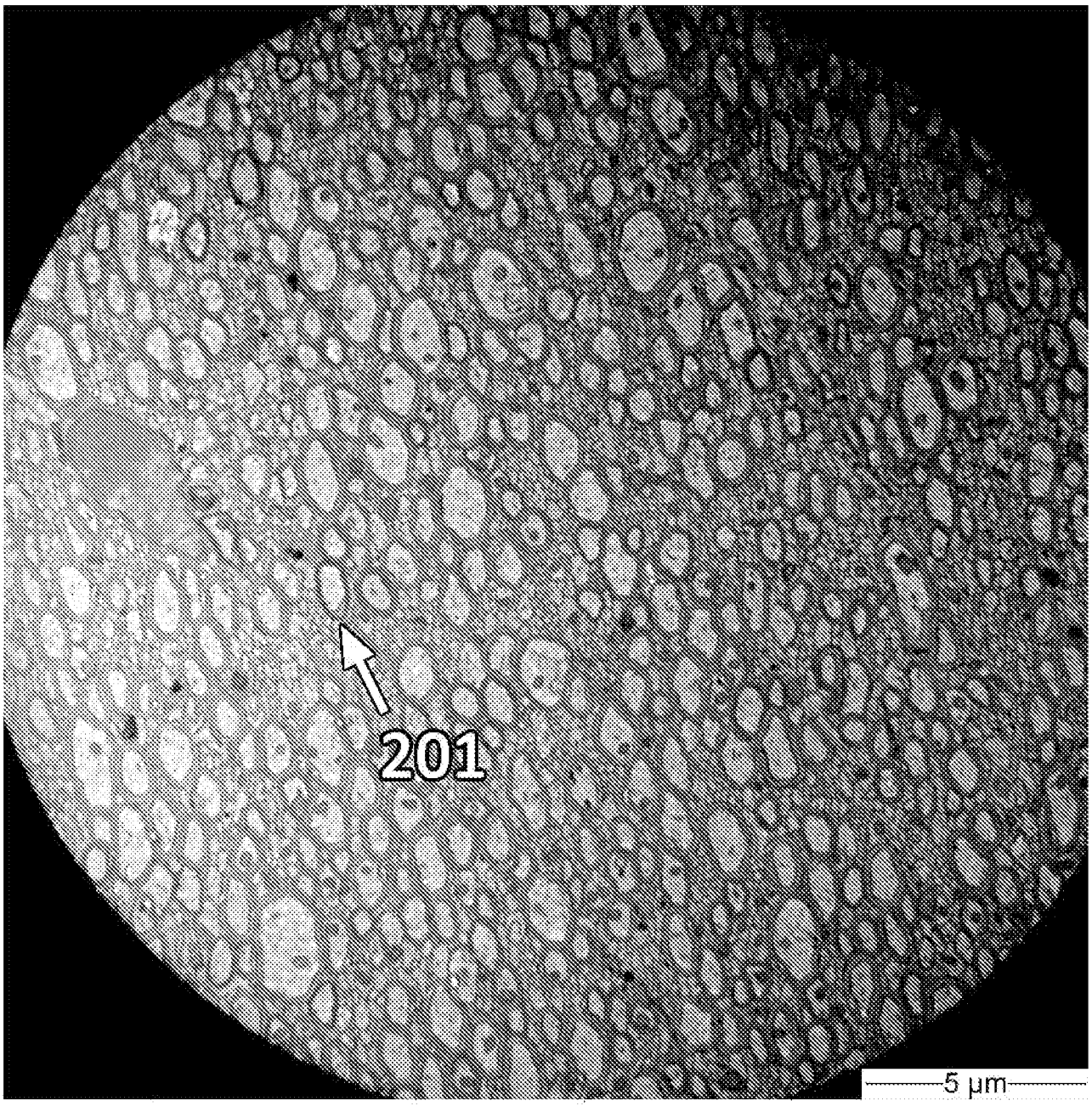



FIG. 26B

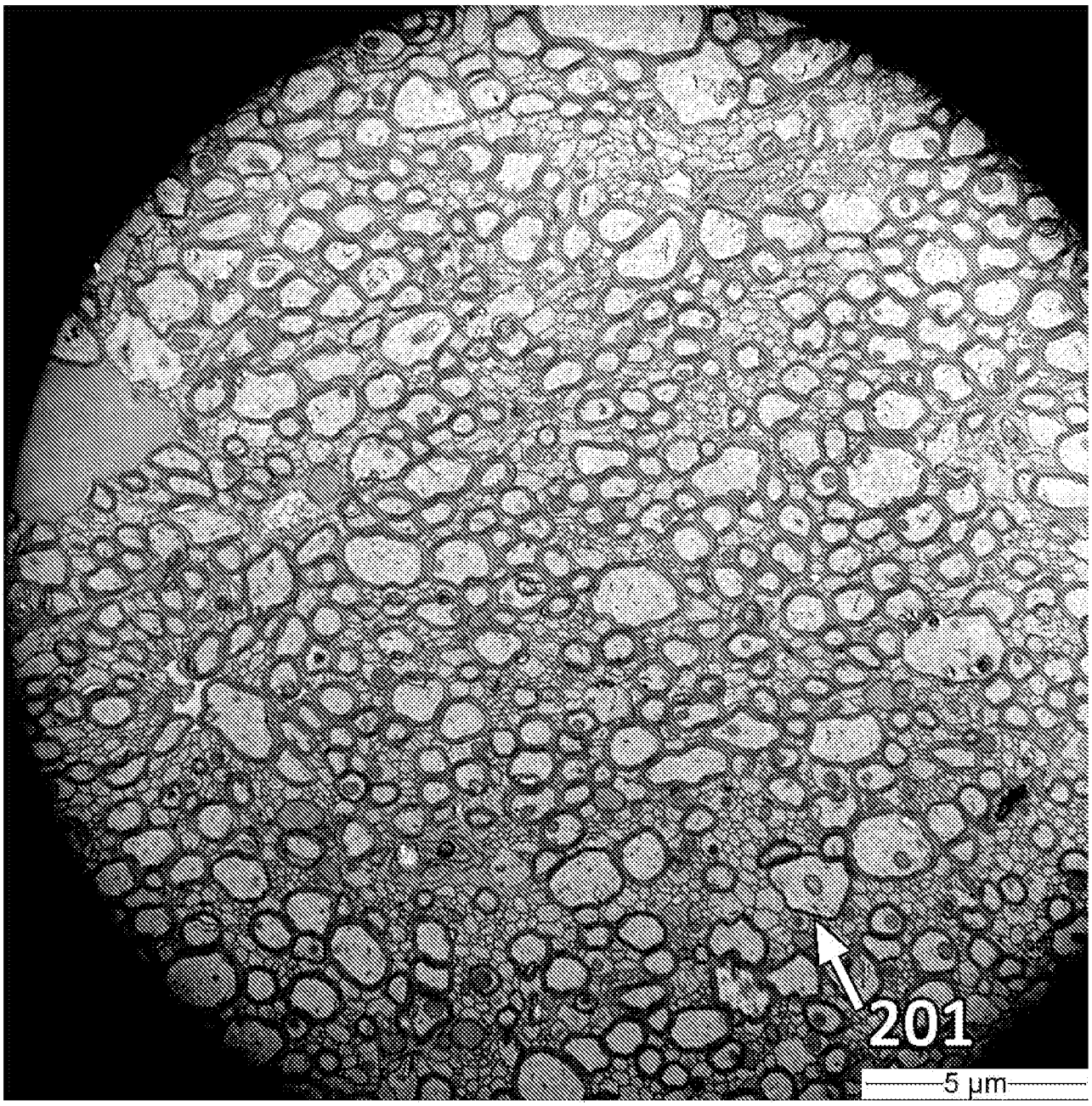



FIG. 26C

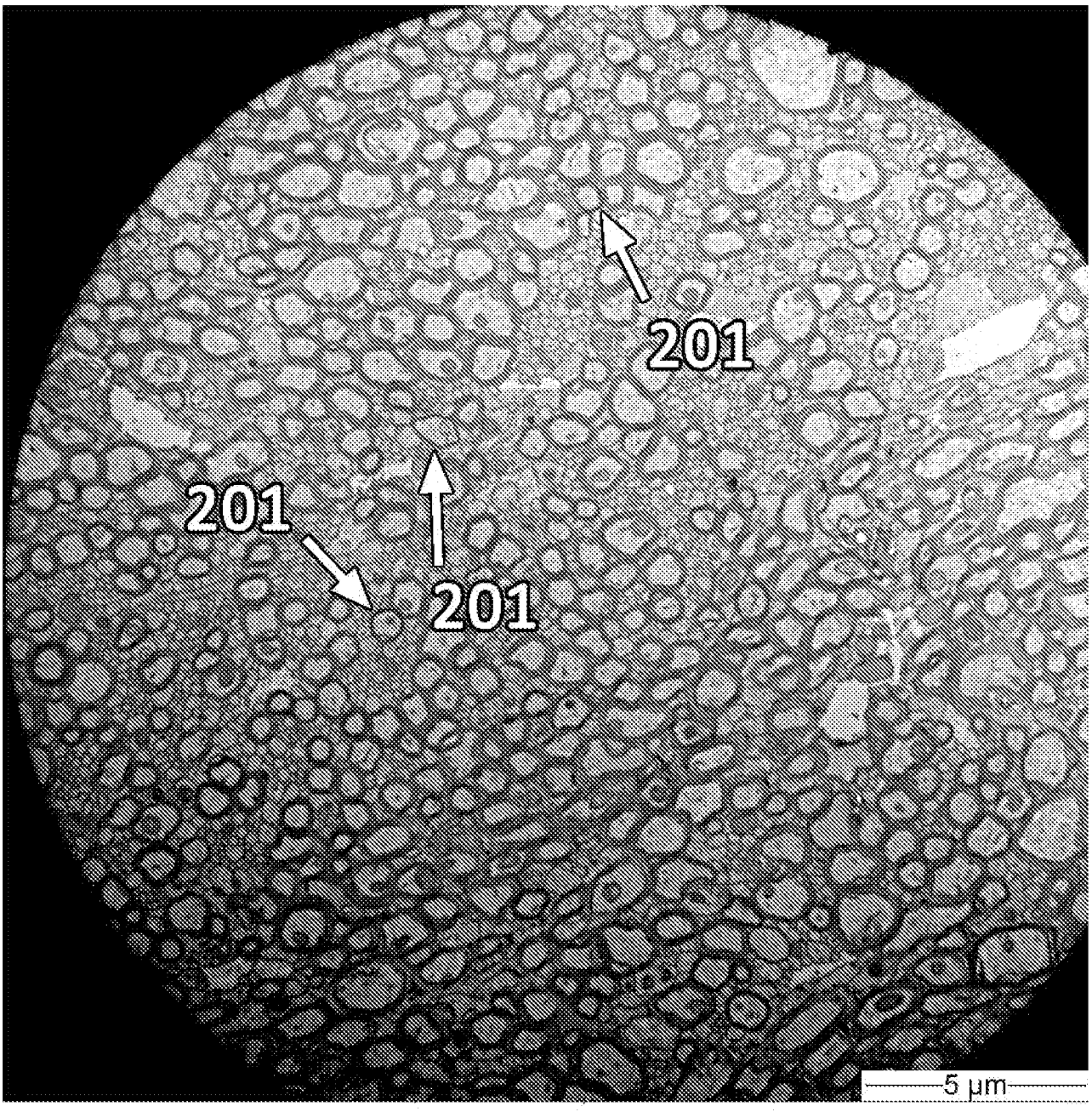



FIG. 26D

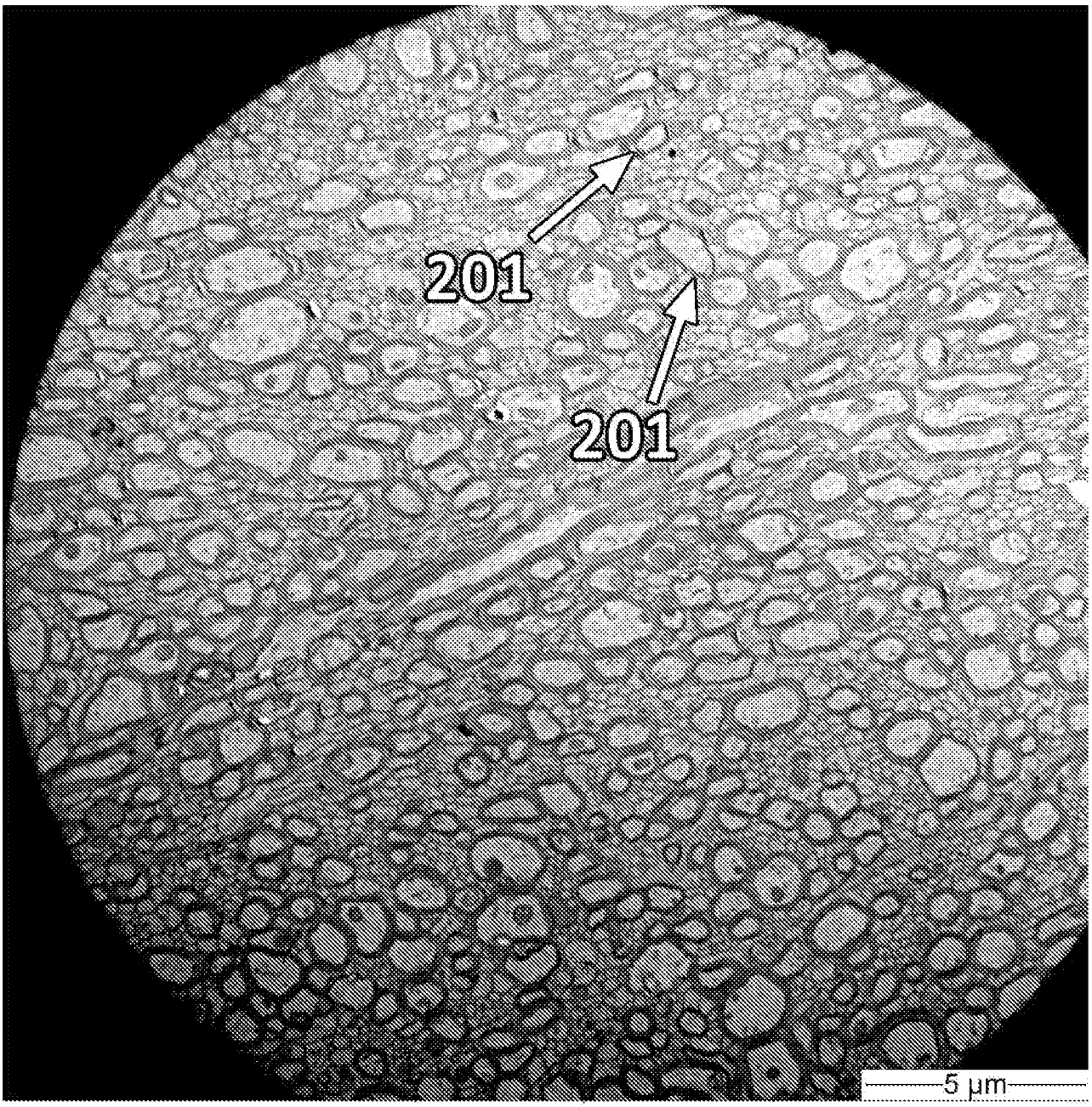



FIG. 26E

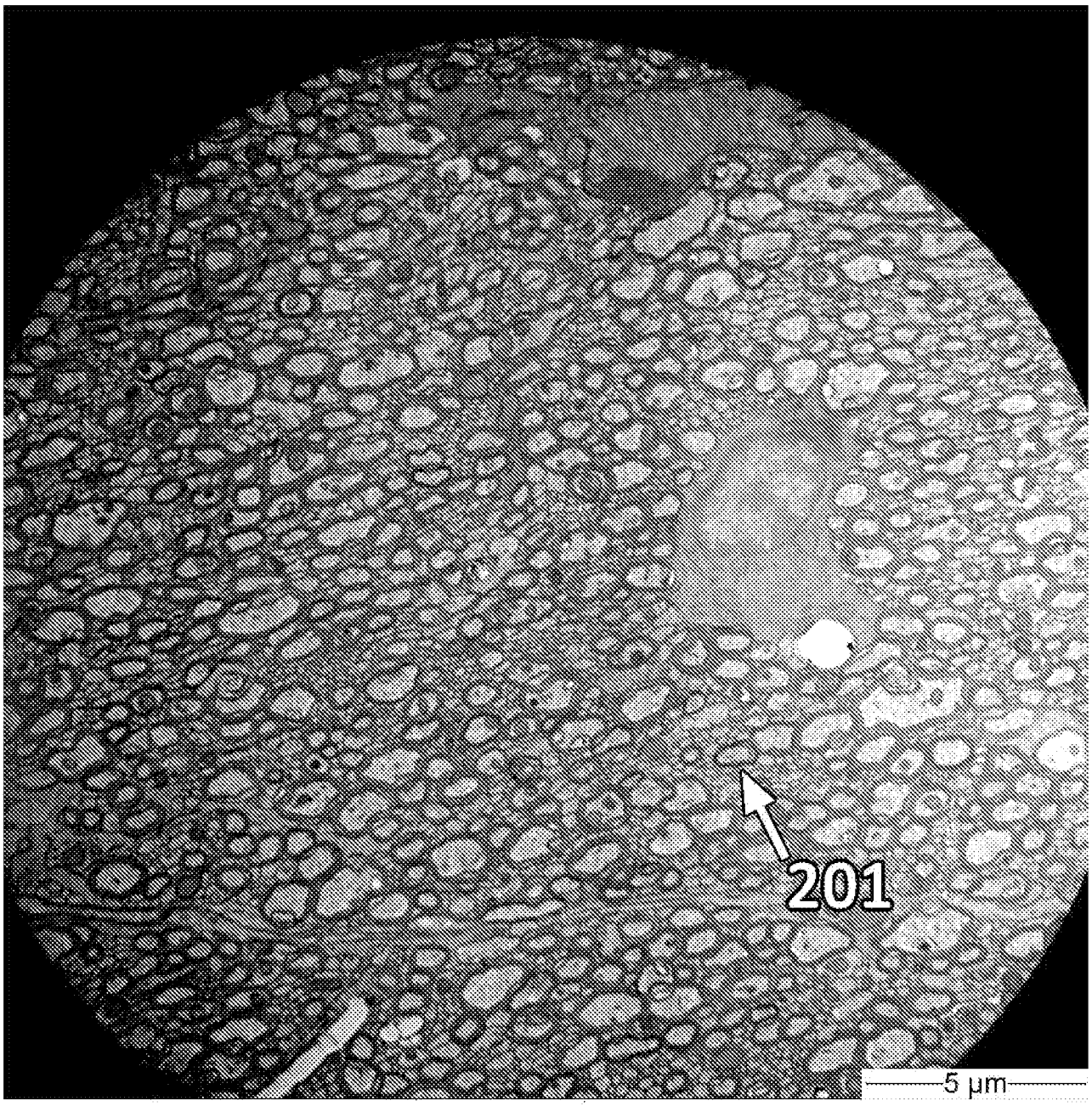



FIG. 27A

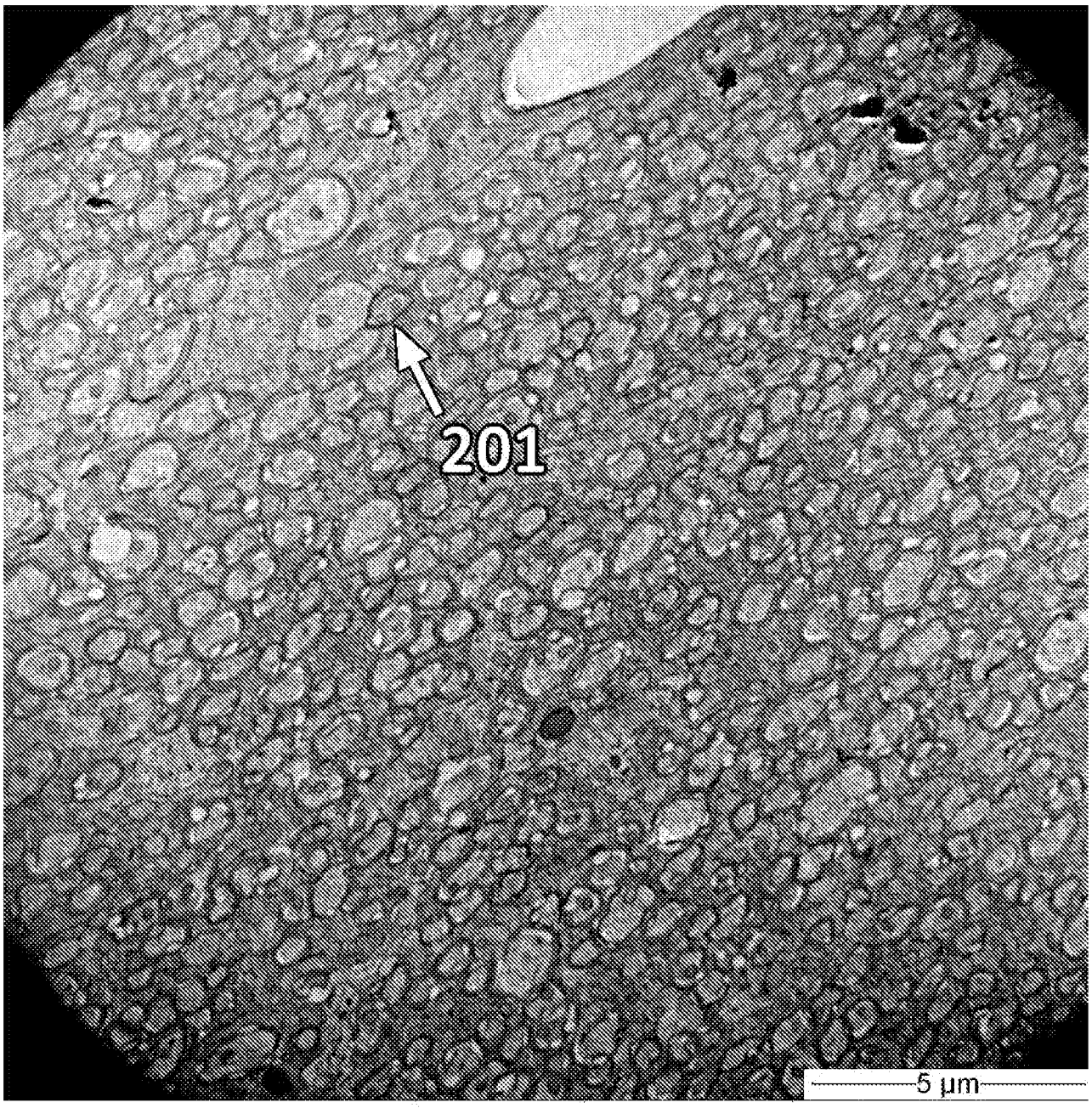



FIG. 27B

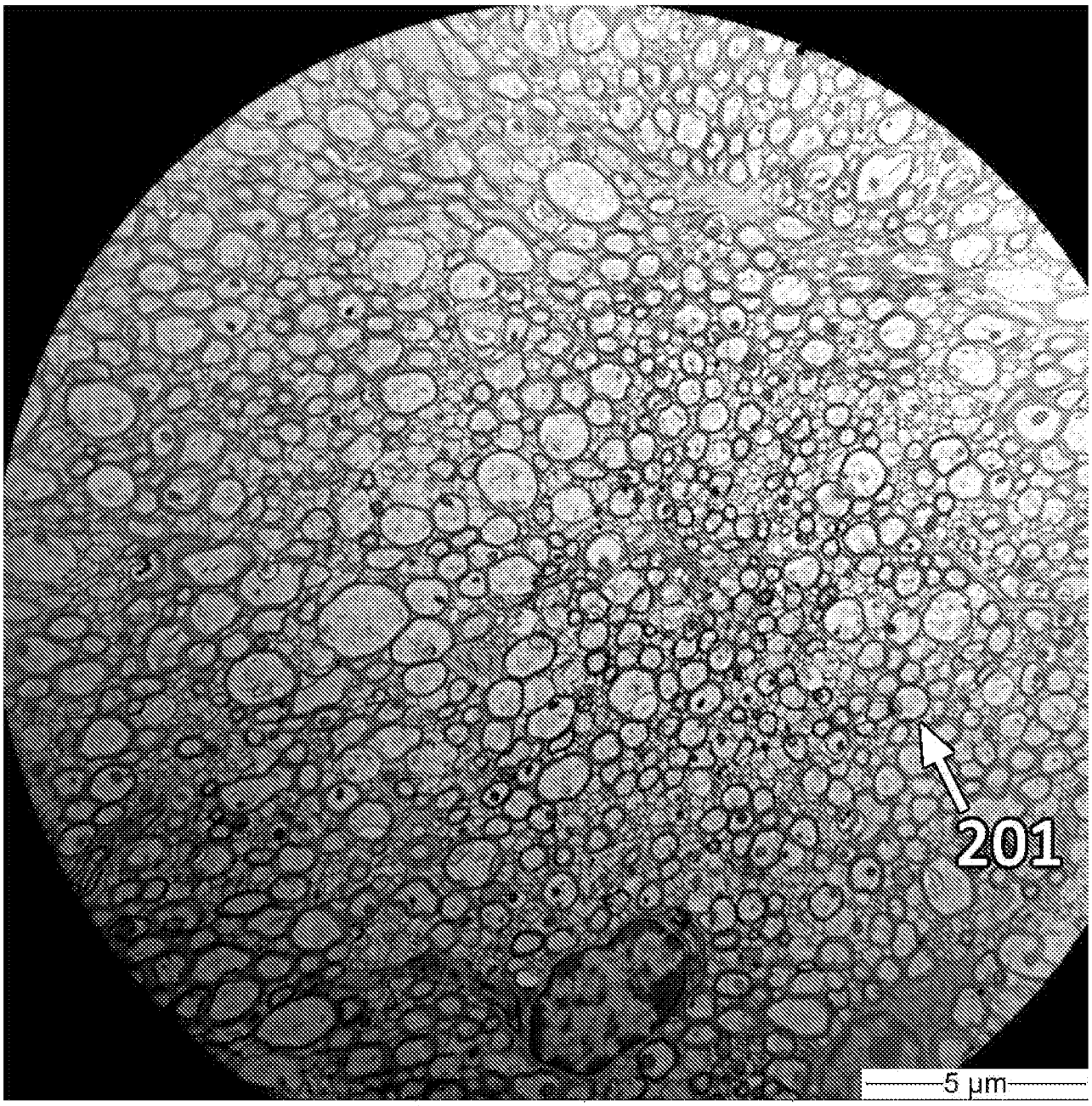



FIG. 27C

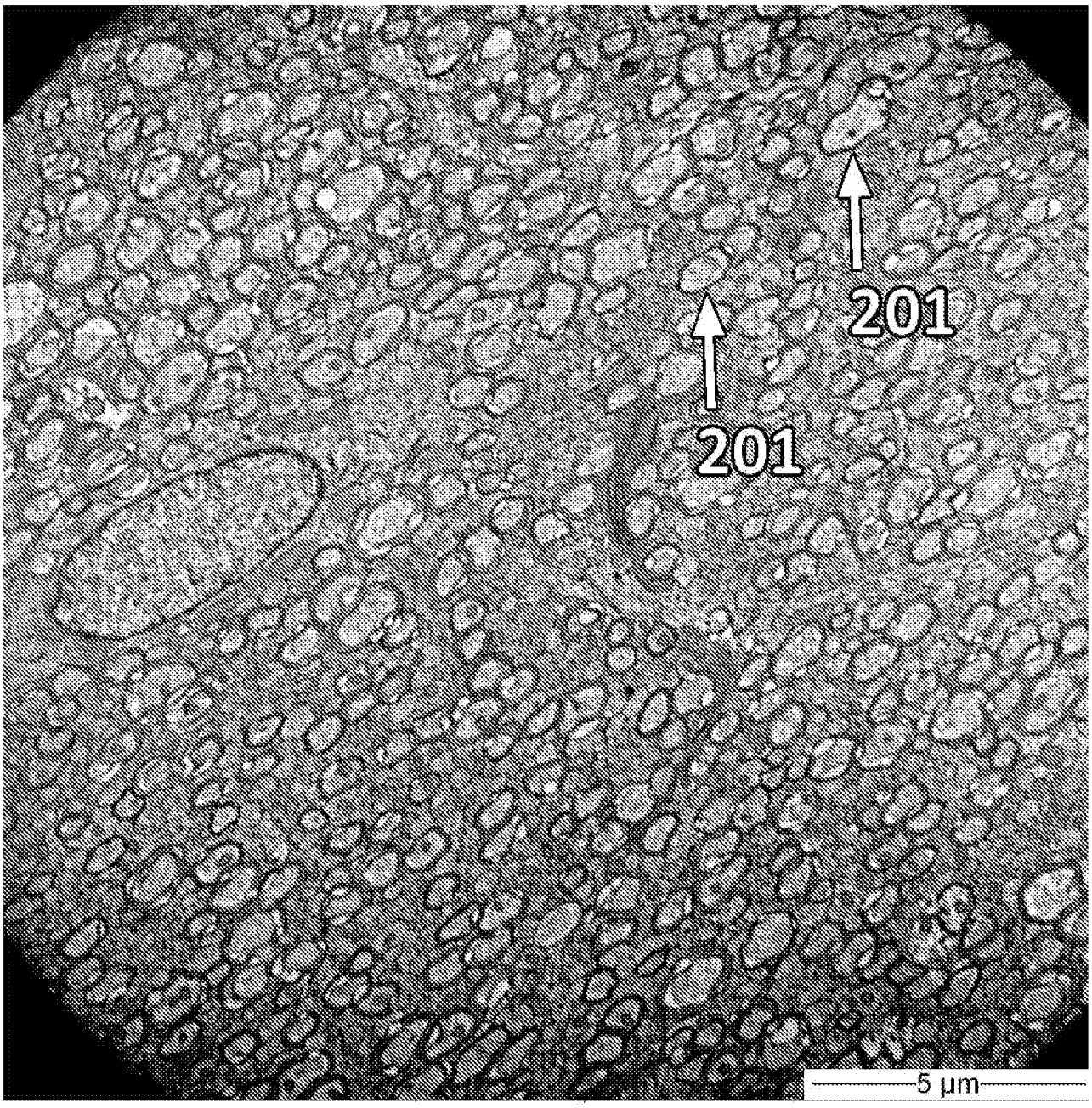



FIG. 27D

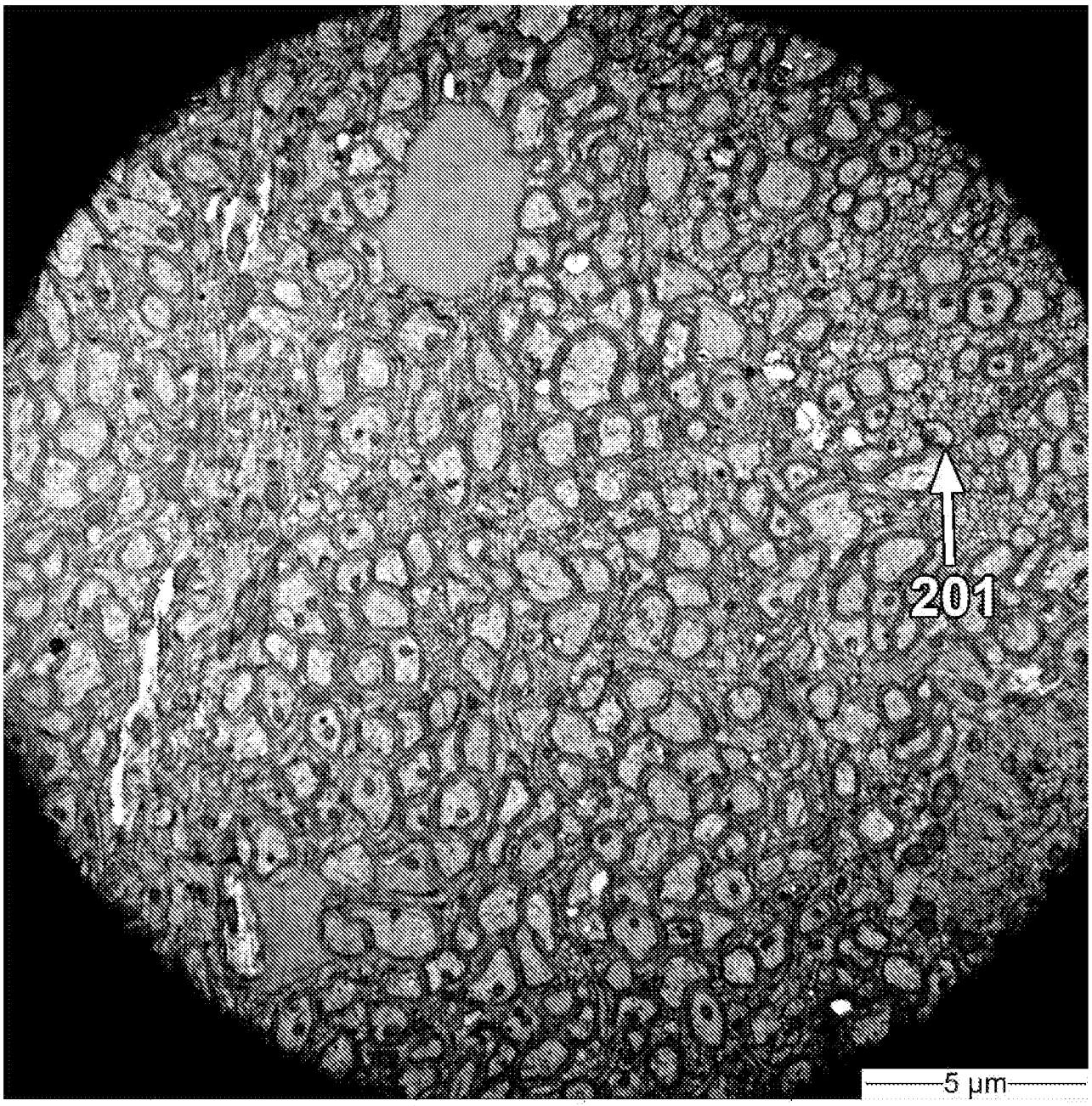



FIG. 28A

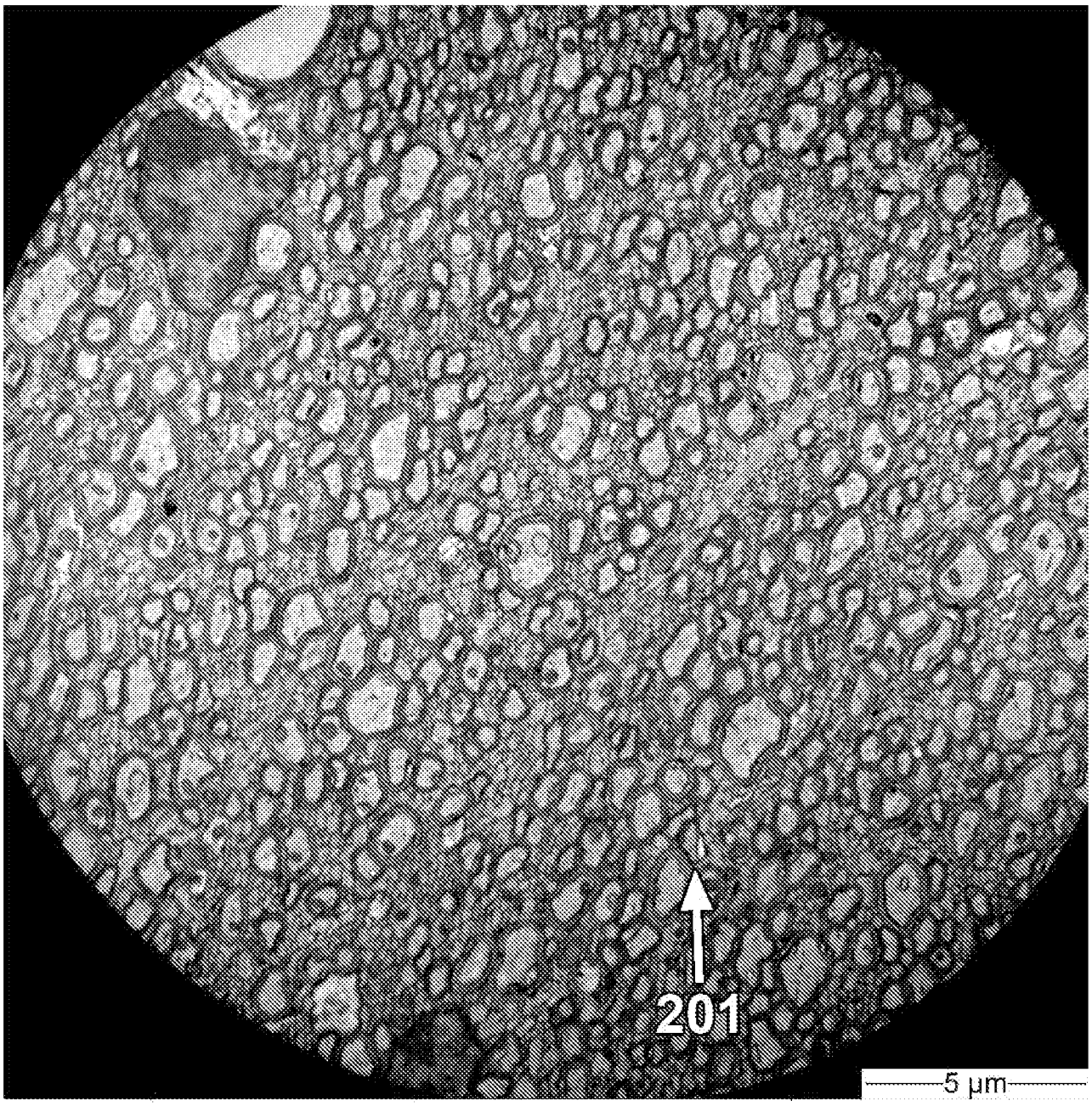



FIG. 28B

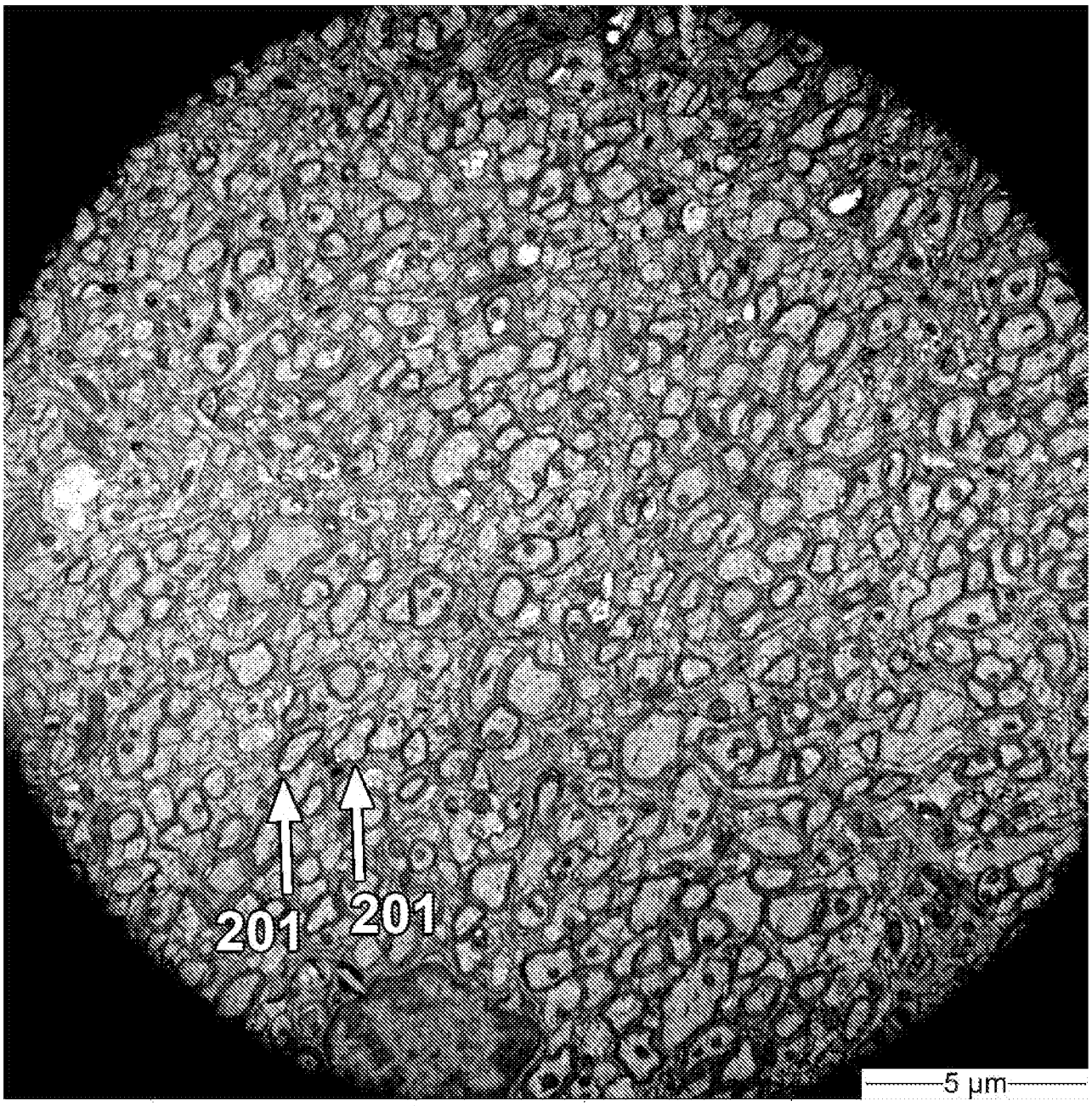



FIG. 28C

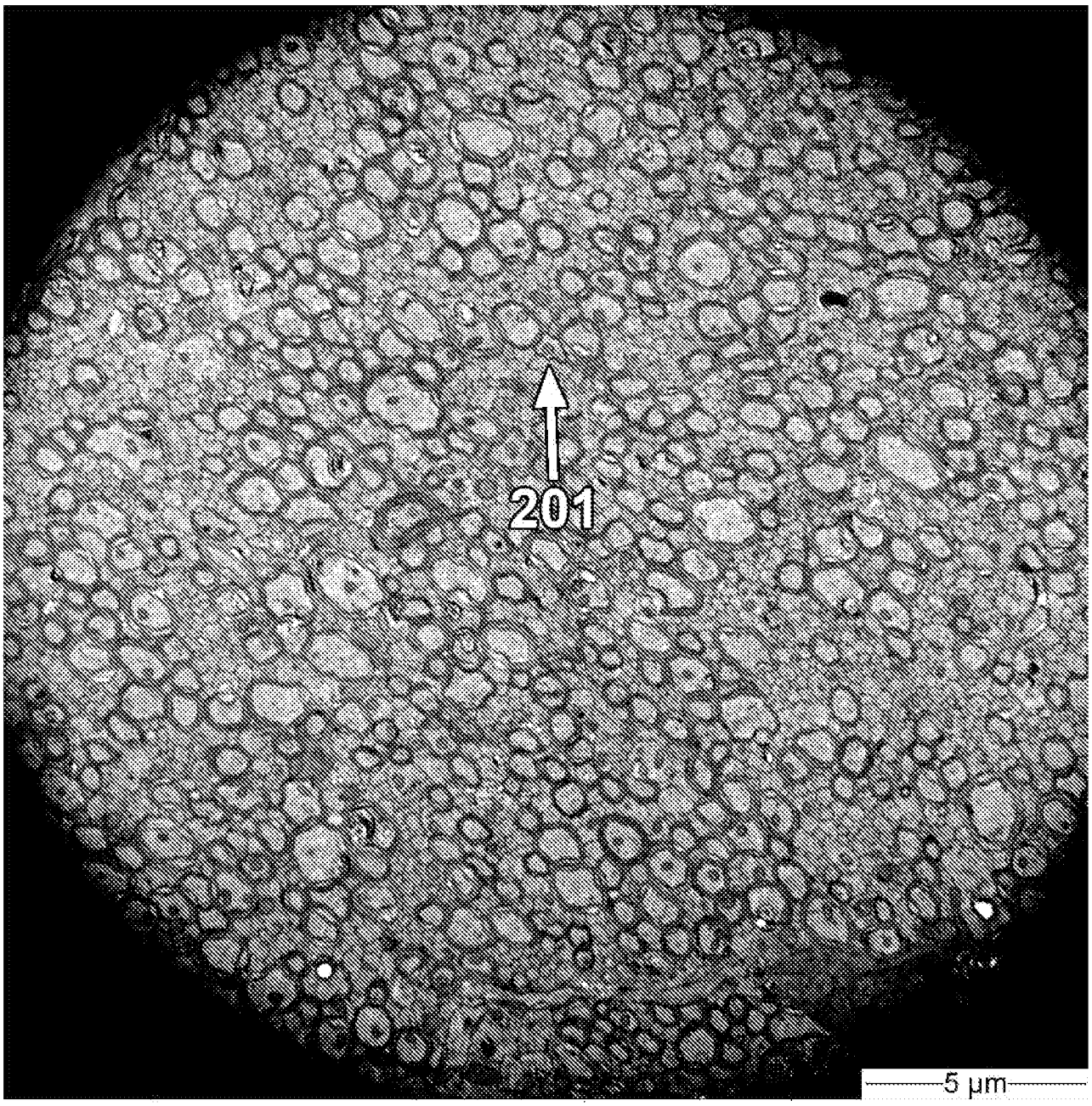



FIG. 28D

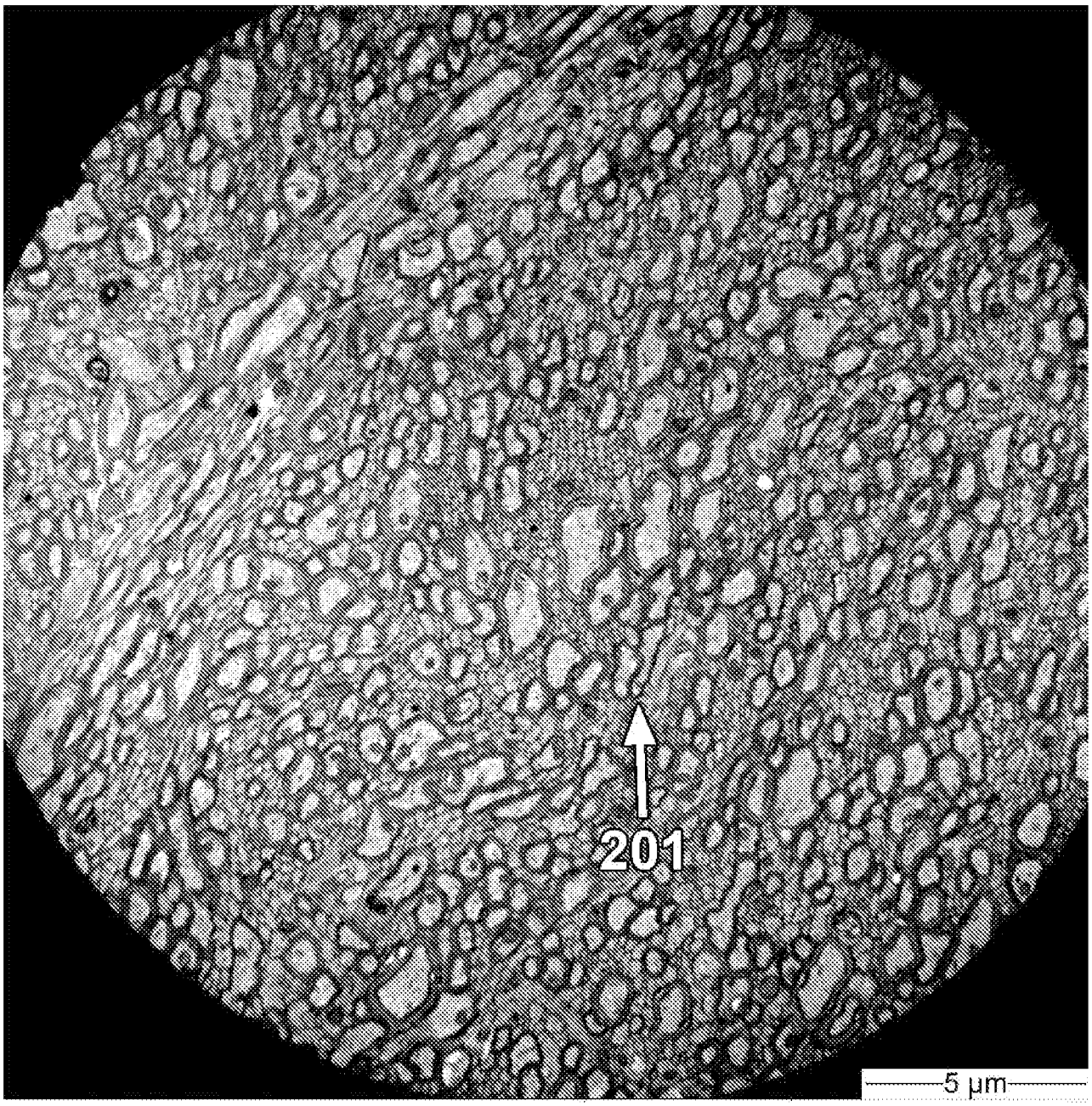



FIG. 28E

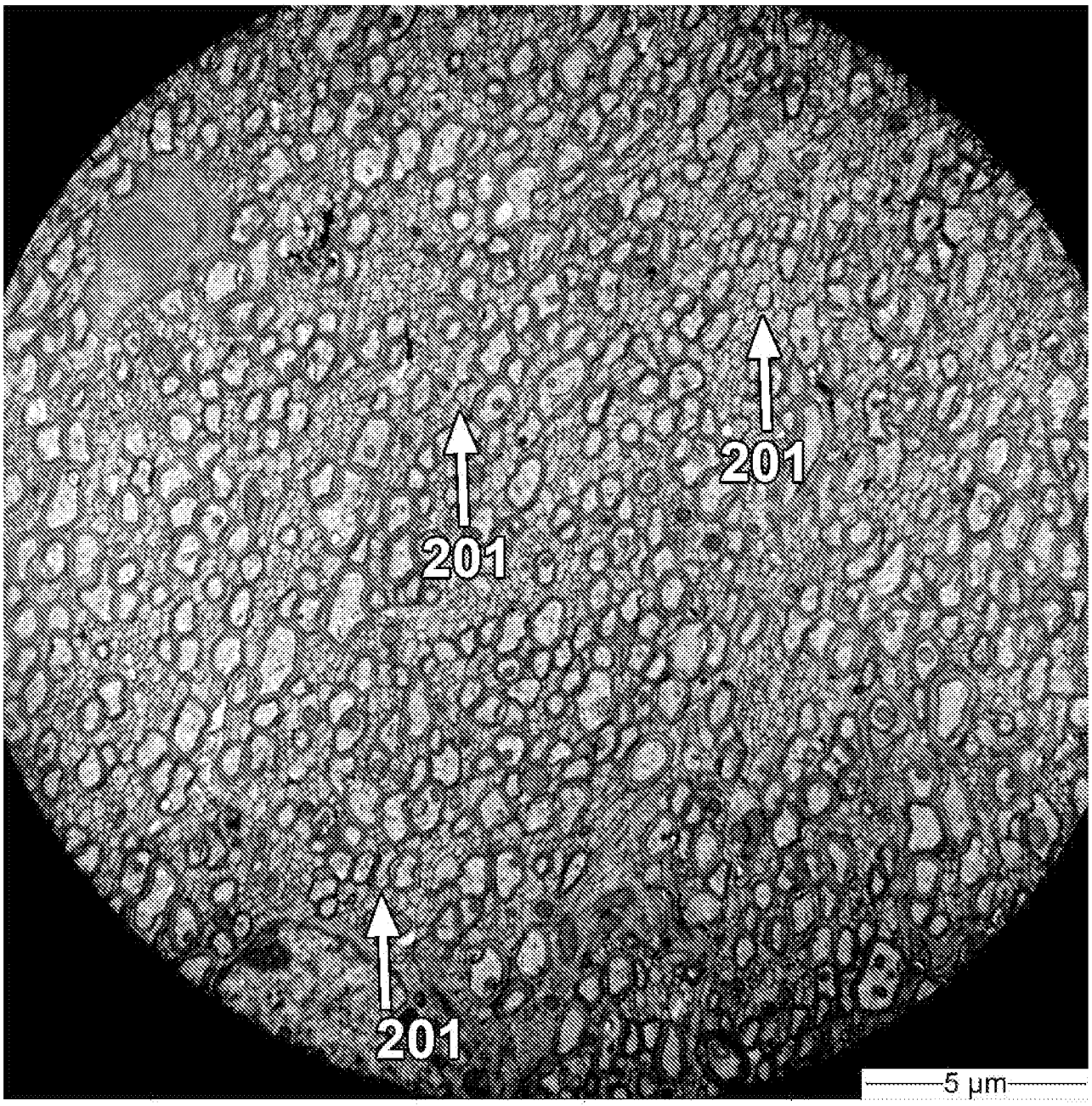



FIG. 28F

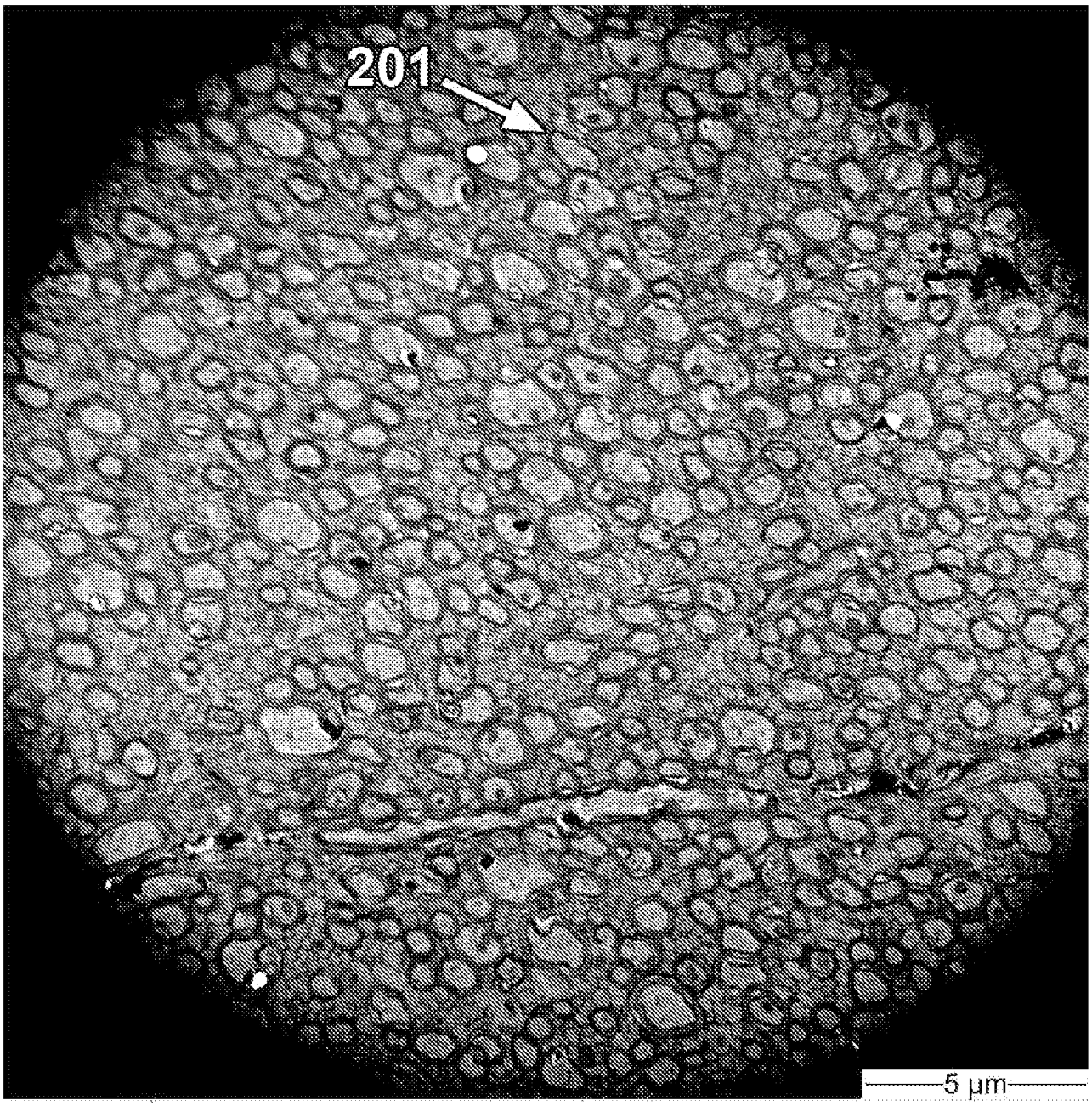



FIG. 28G

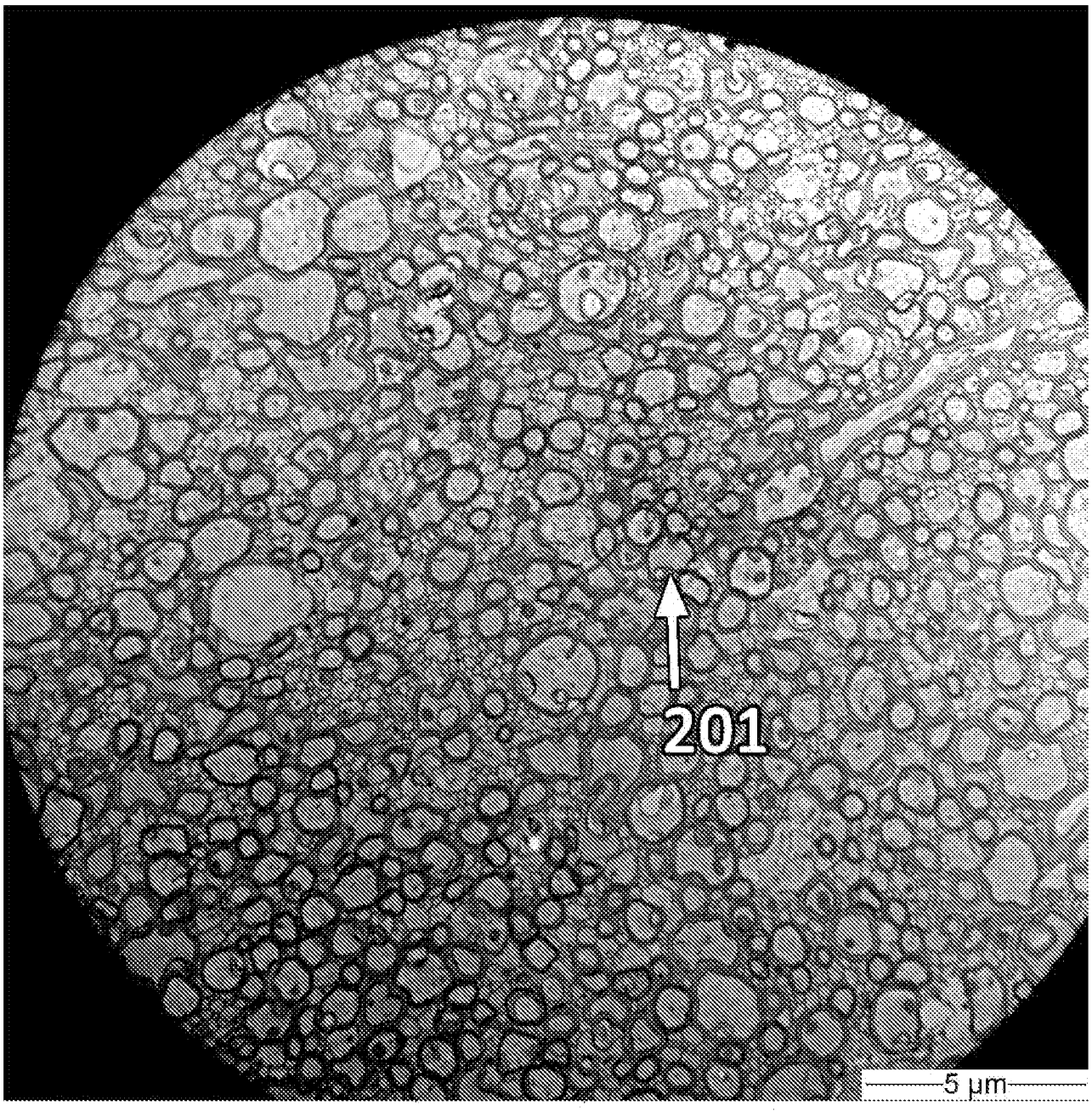



FIG. 29A

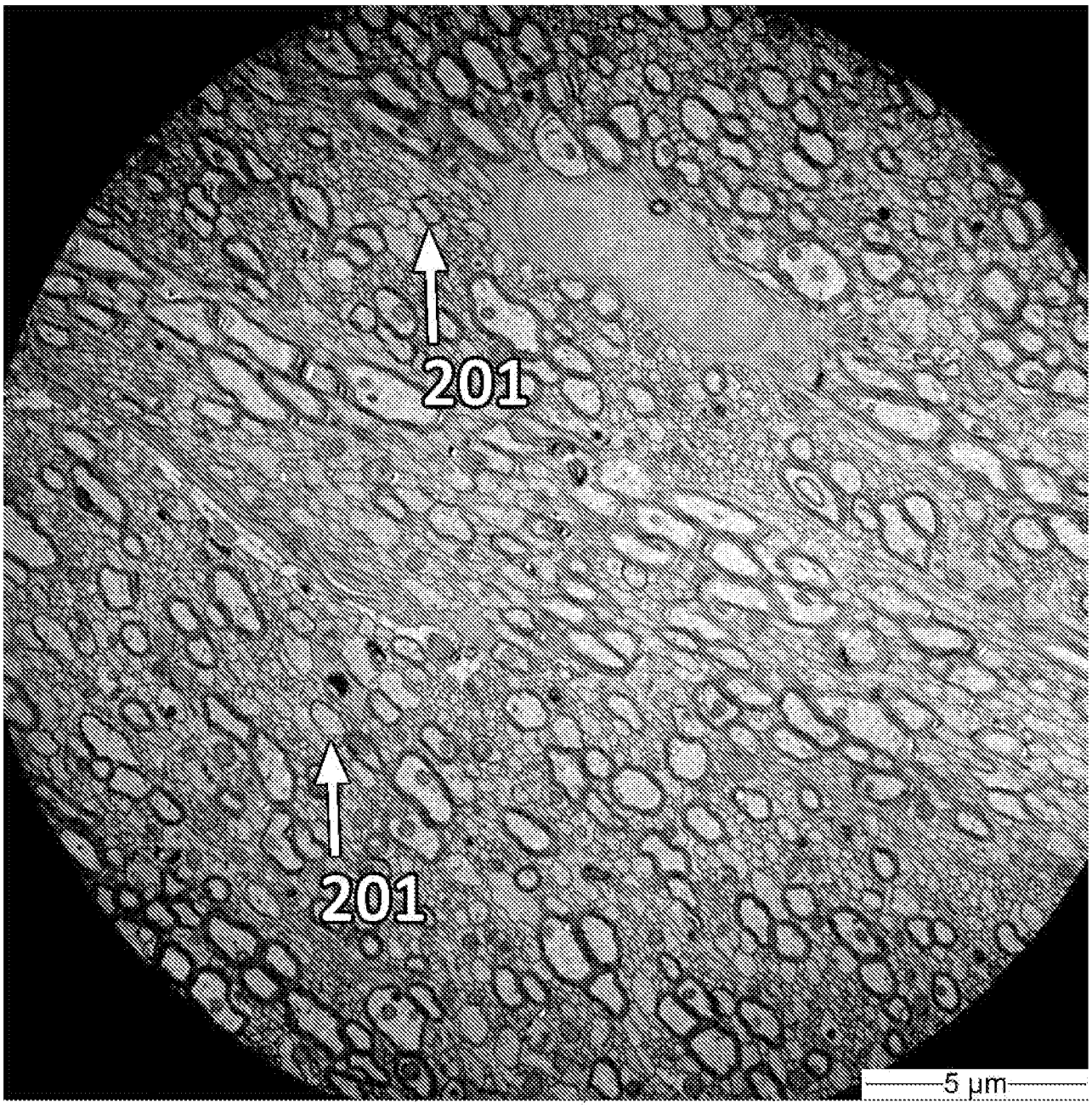



FIG. 29B

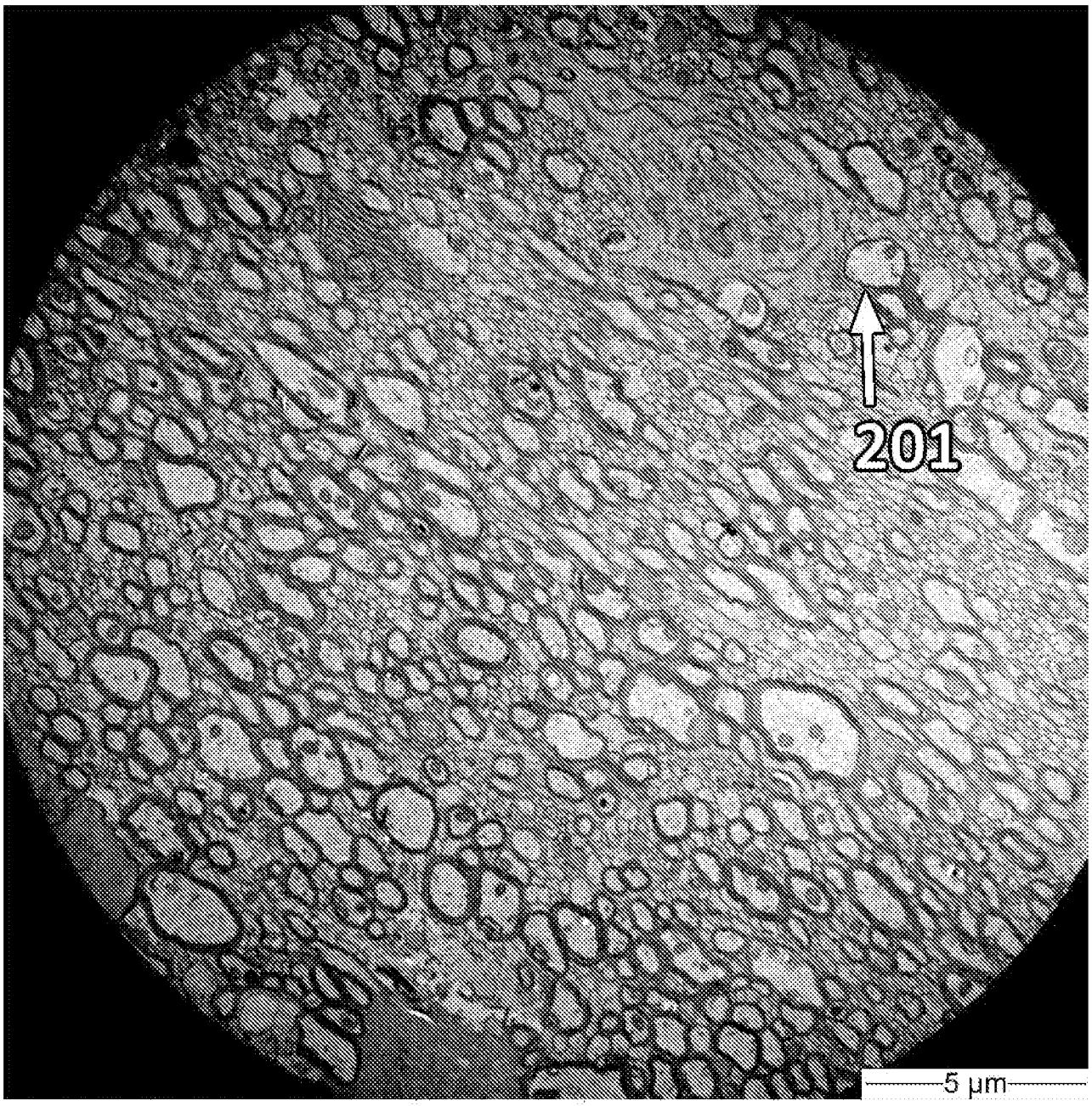



FIG. 29C

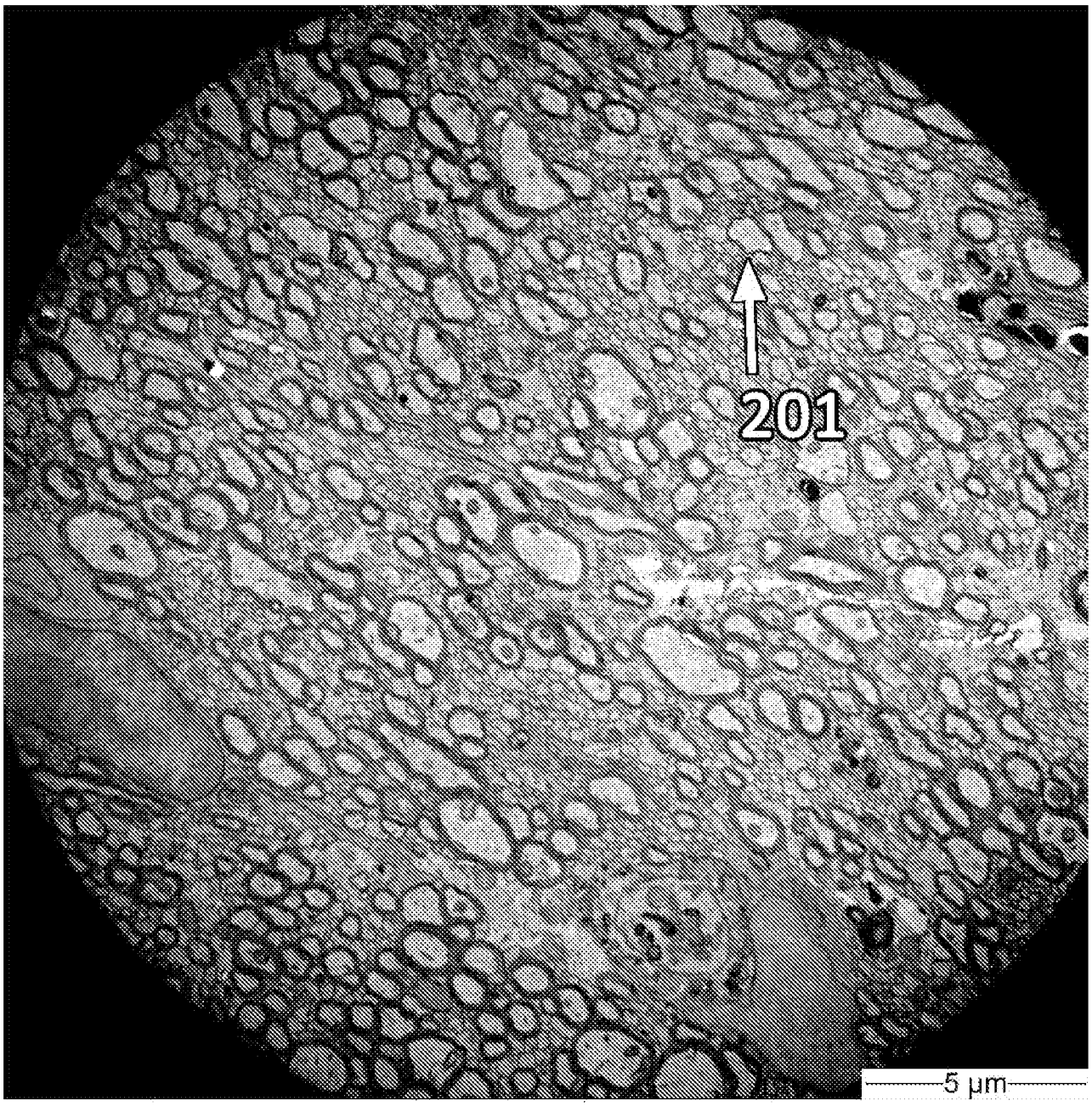



FIG. 29D

FIG. 3OA

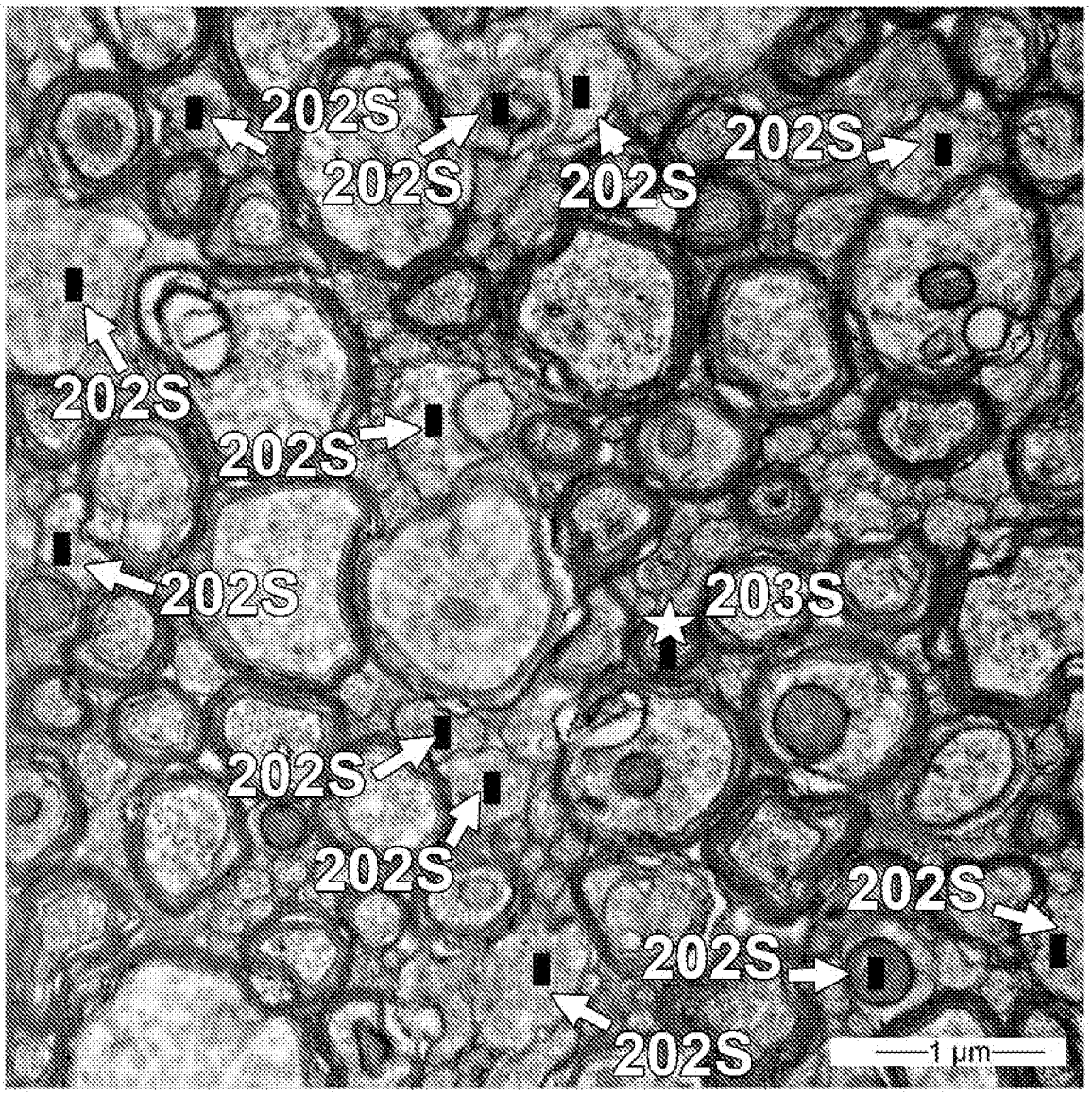

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FIG. 3OB

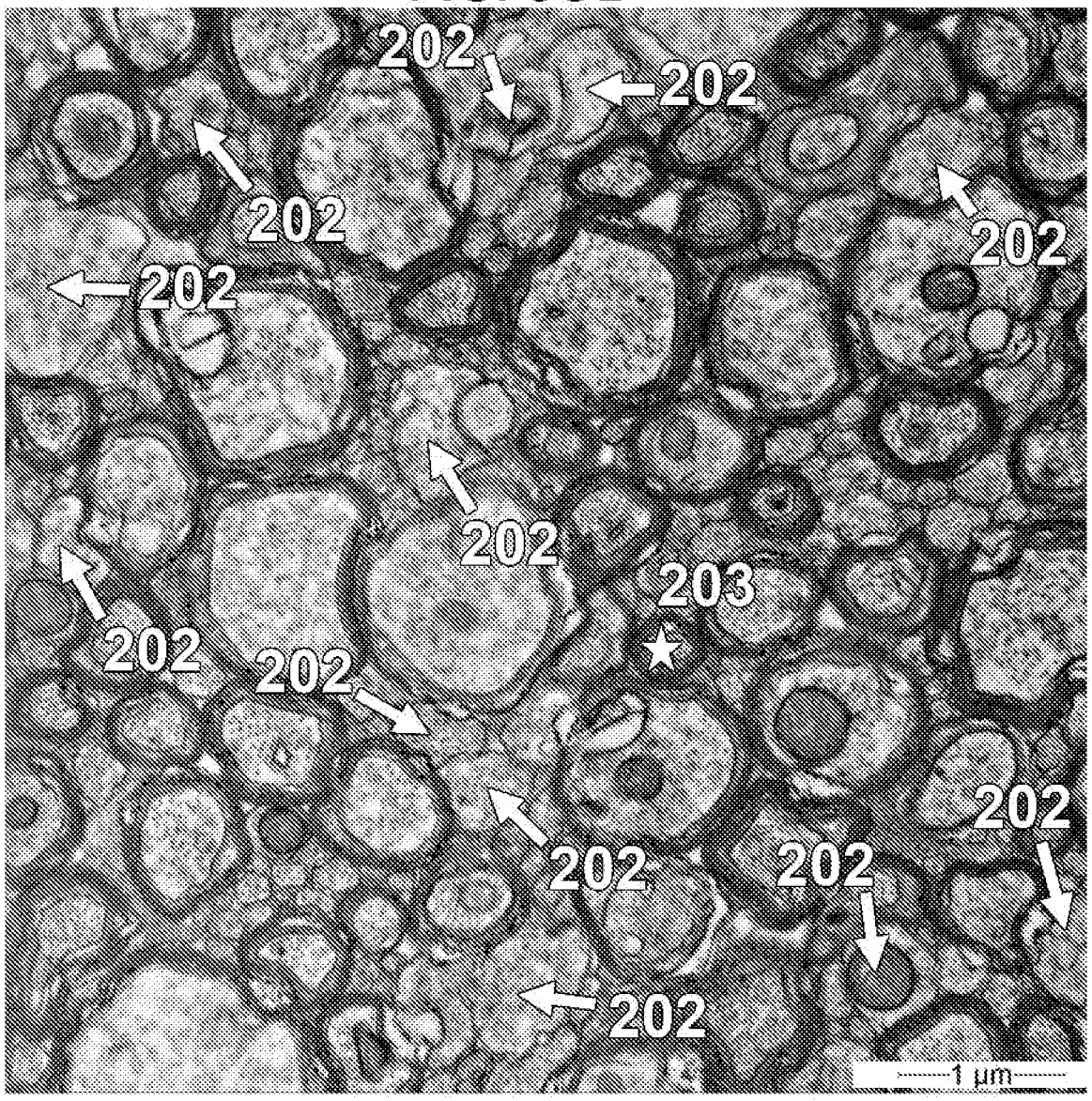


FIG. 3OC

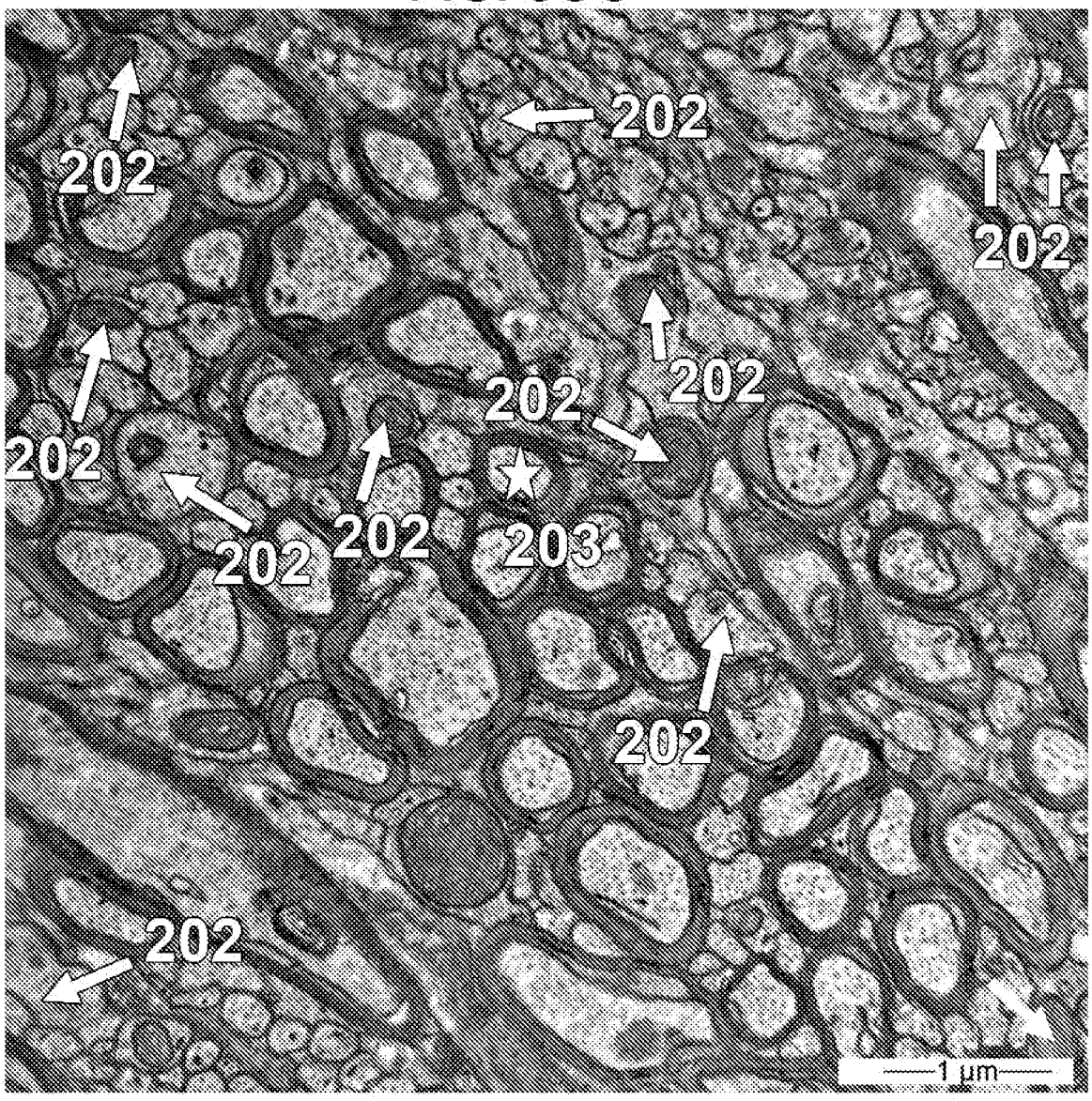


FIG. 31A

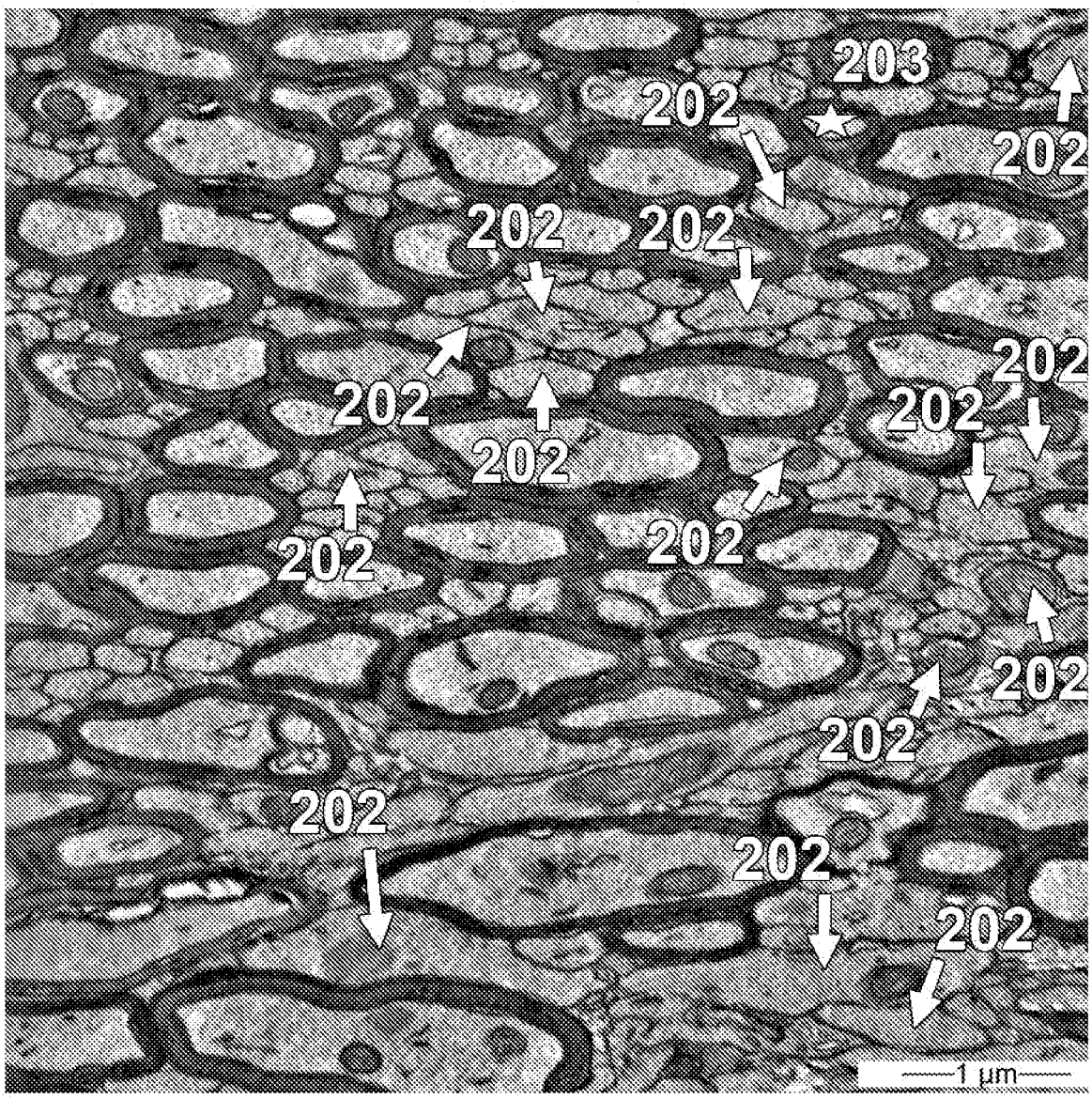

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FIG. 31B

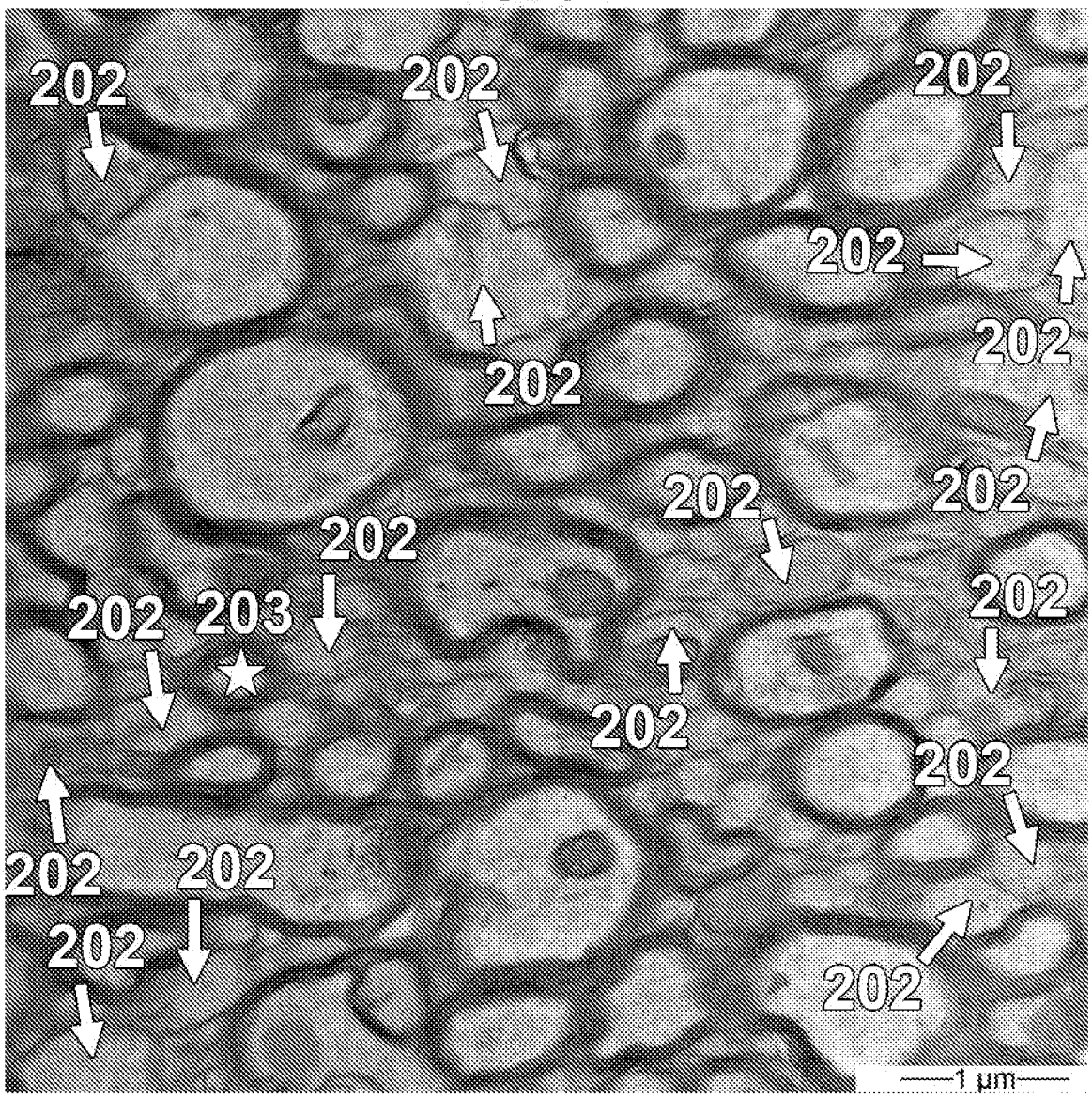

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FIG. 32A

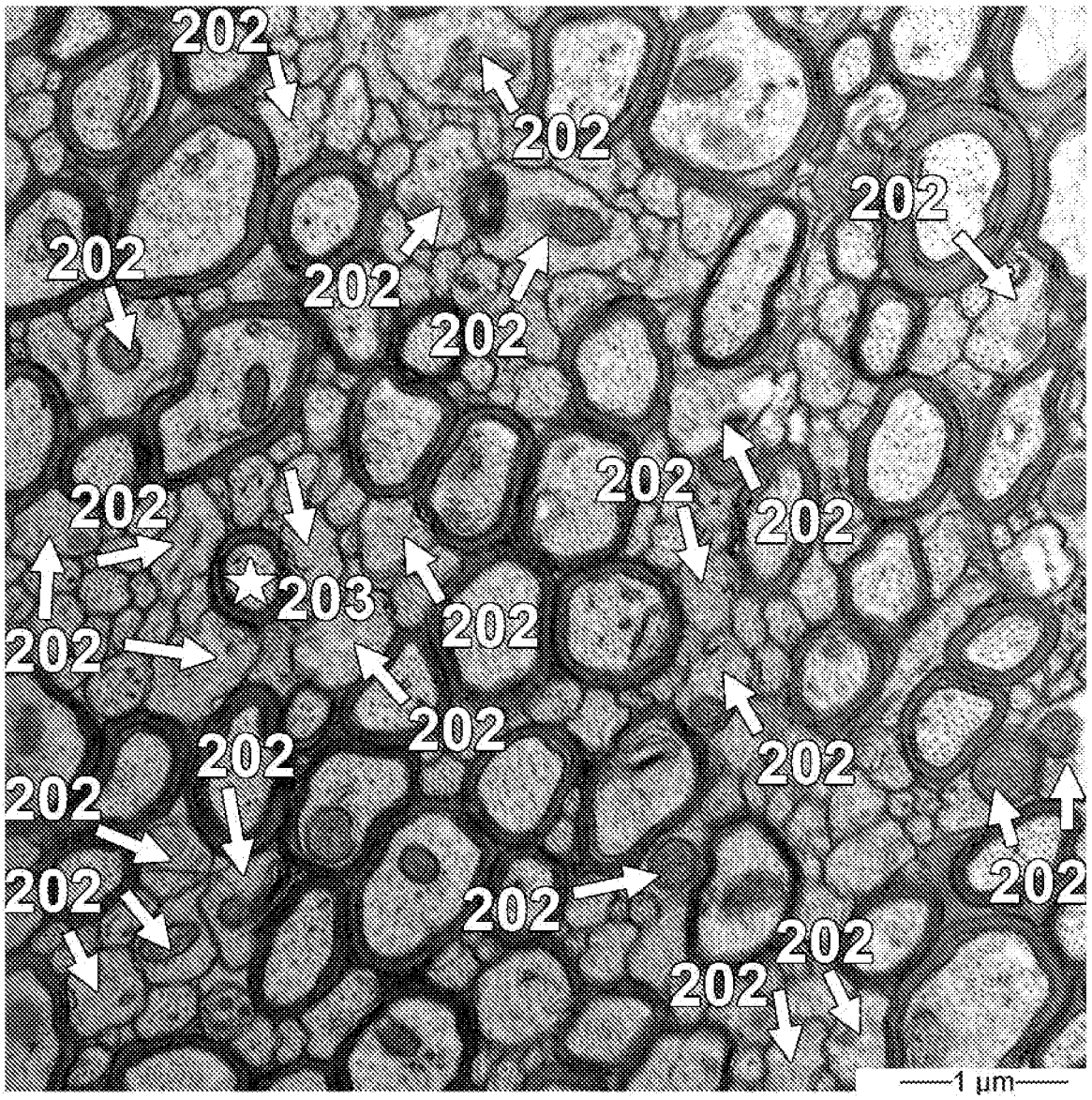

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FIG. 32B

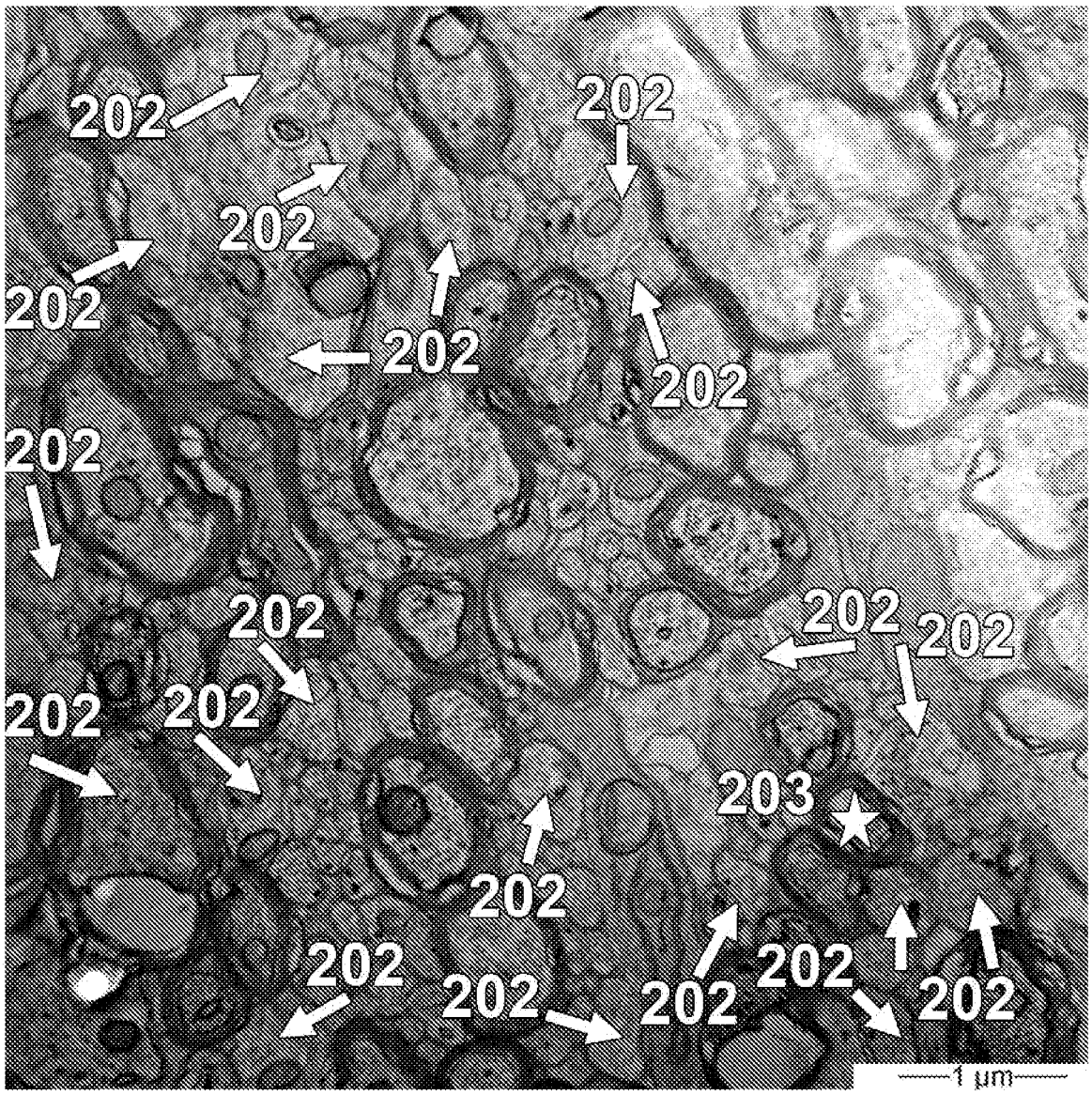

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FIG. 33A

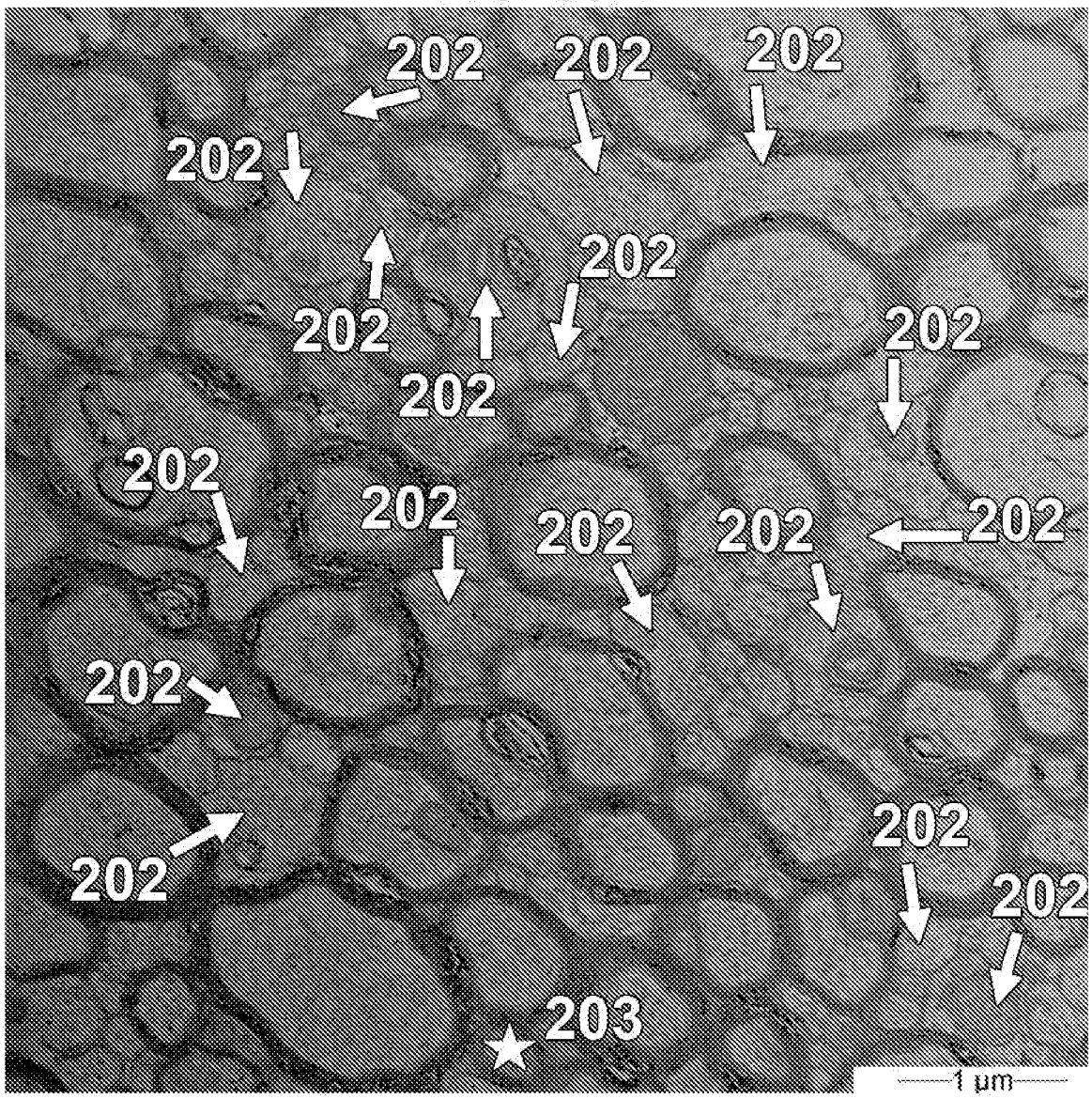

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FIG. 33B

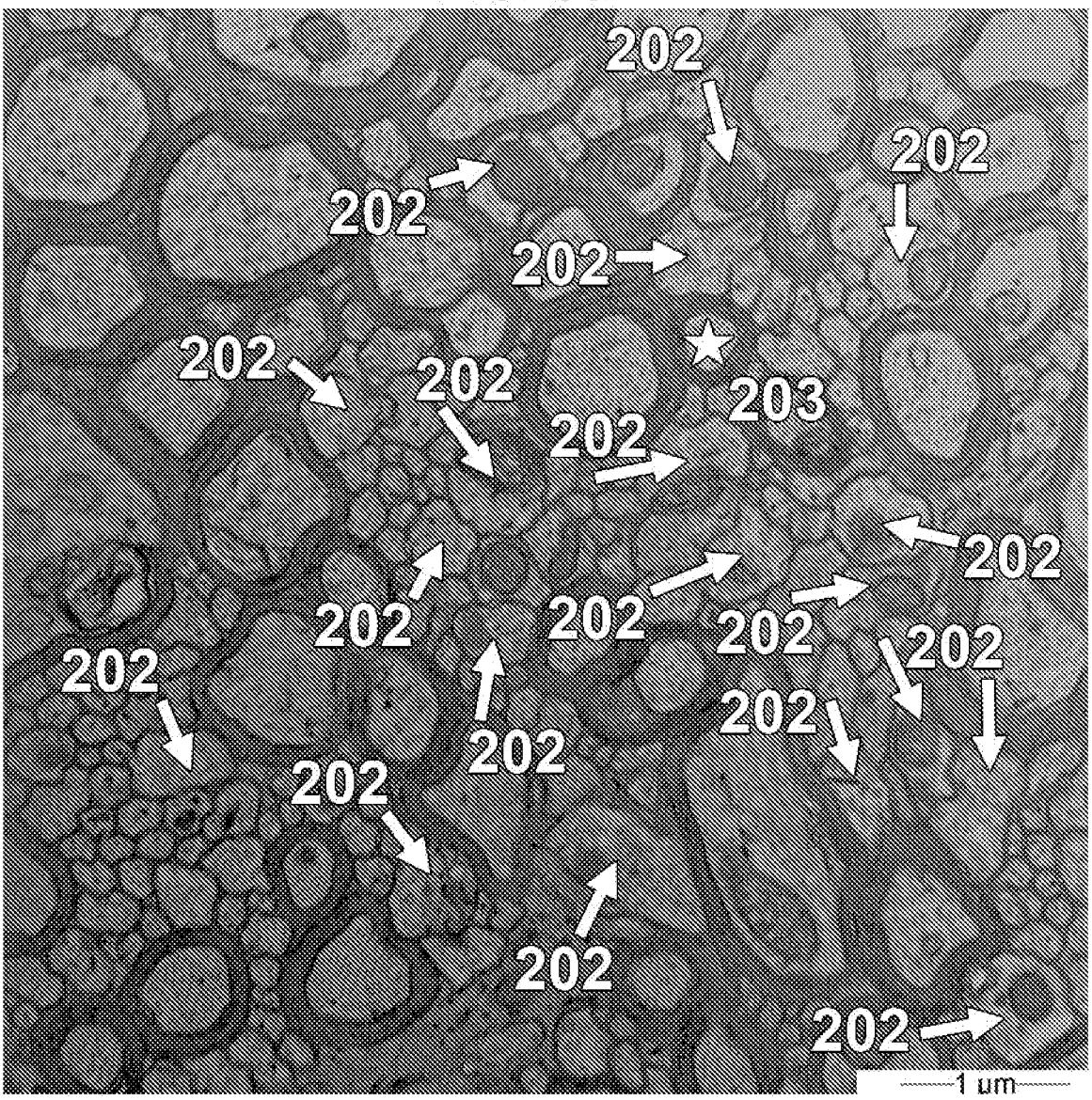

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FIG. 34A

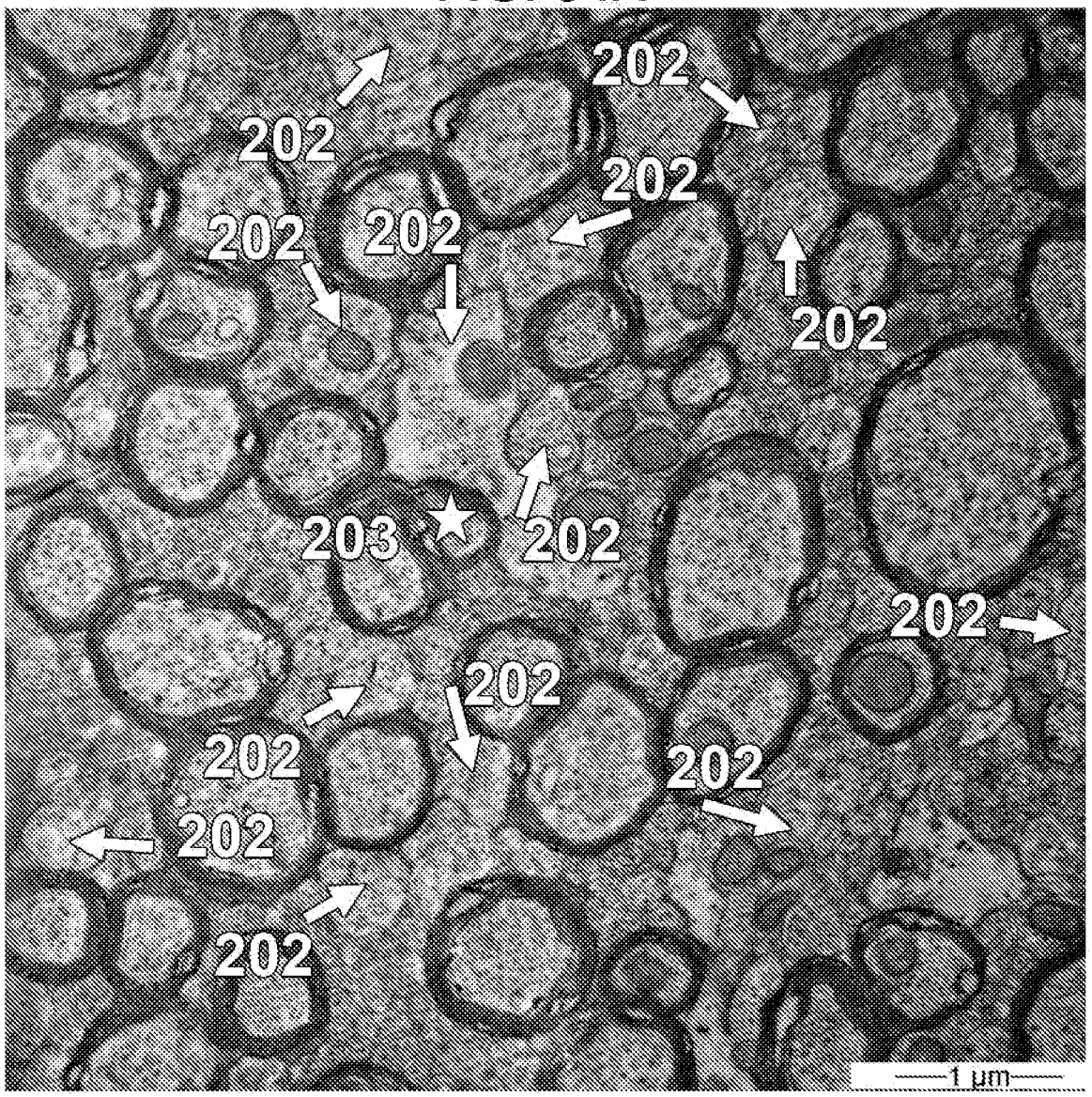

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FIG. 34B

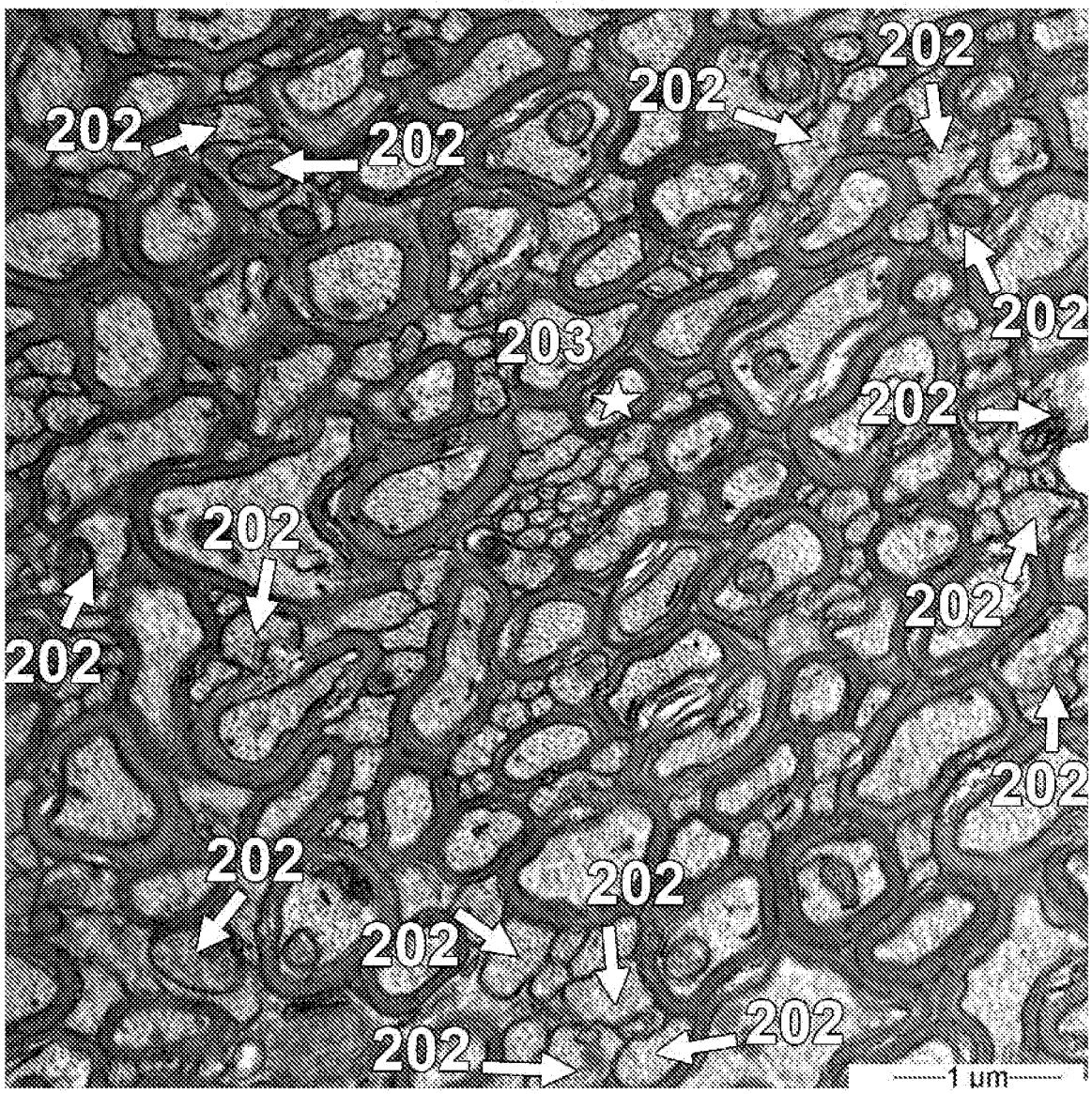

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FIG. 35A

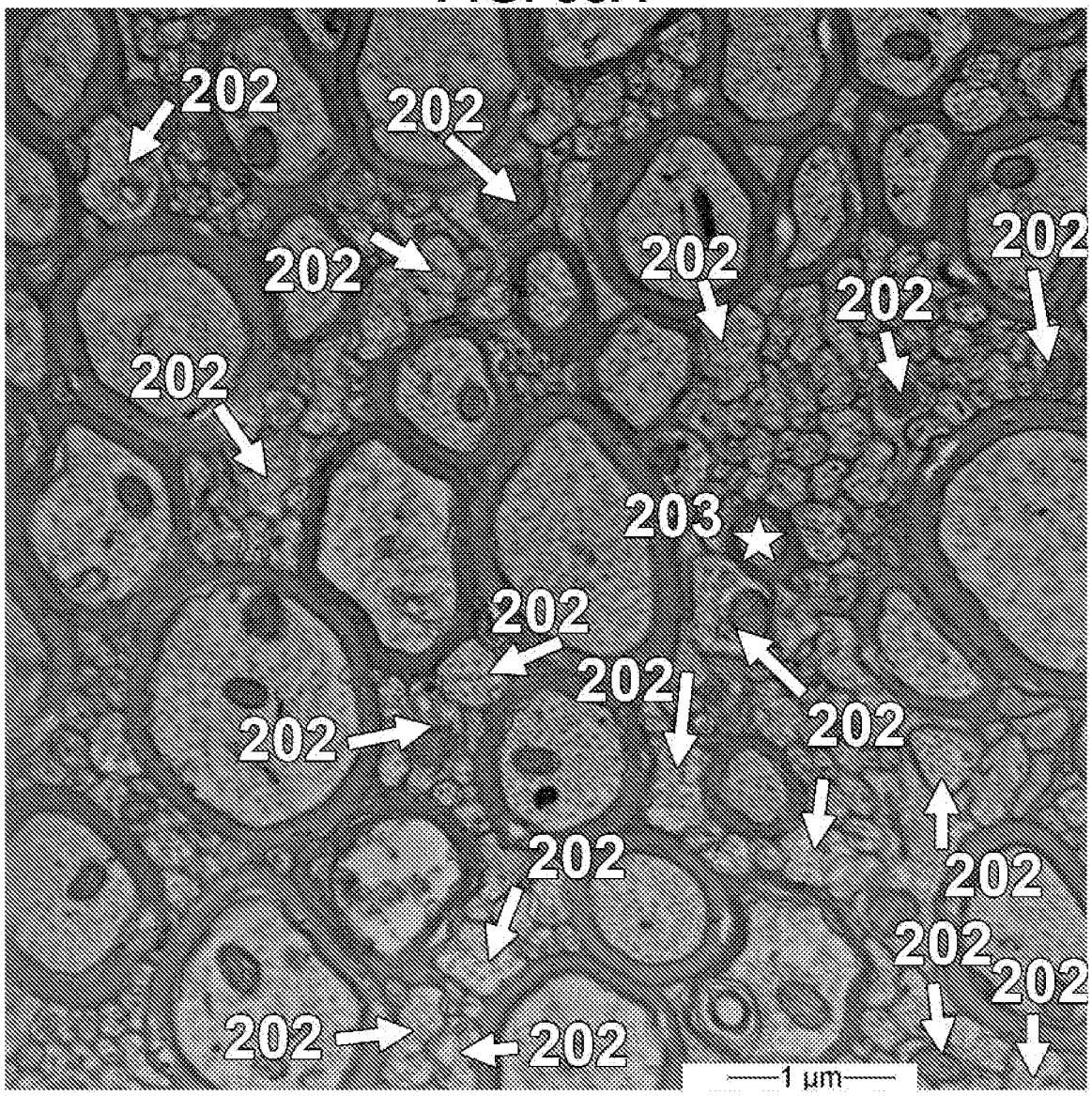

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FIG. 35B

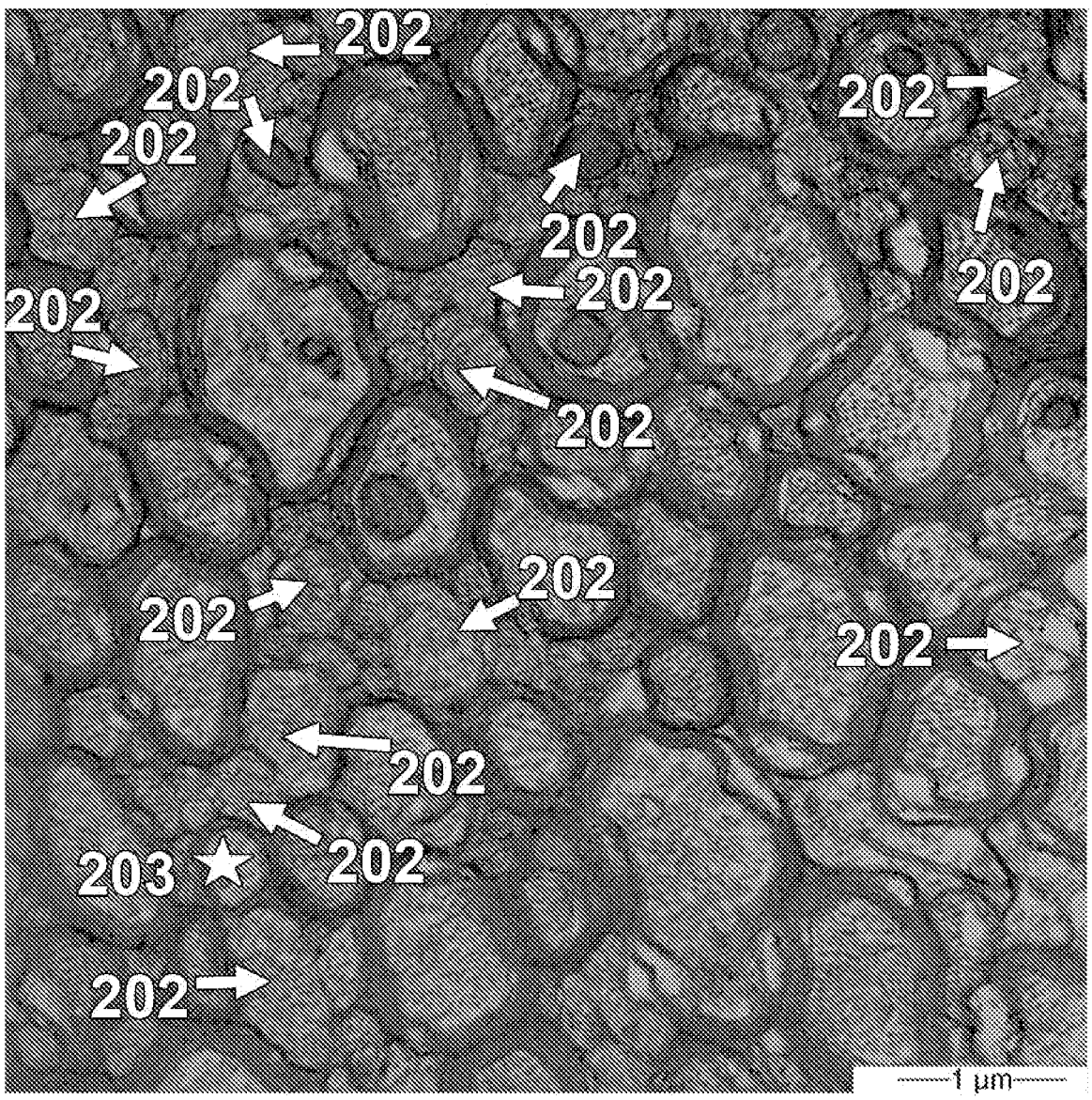

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FIG. 36A

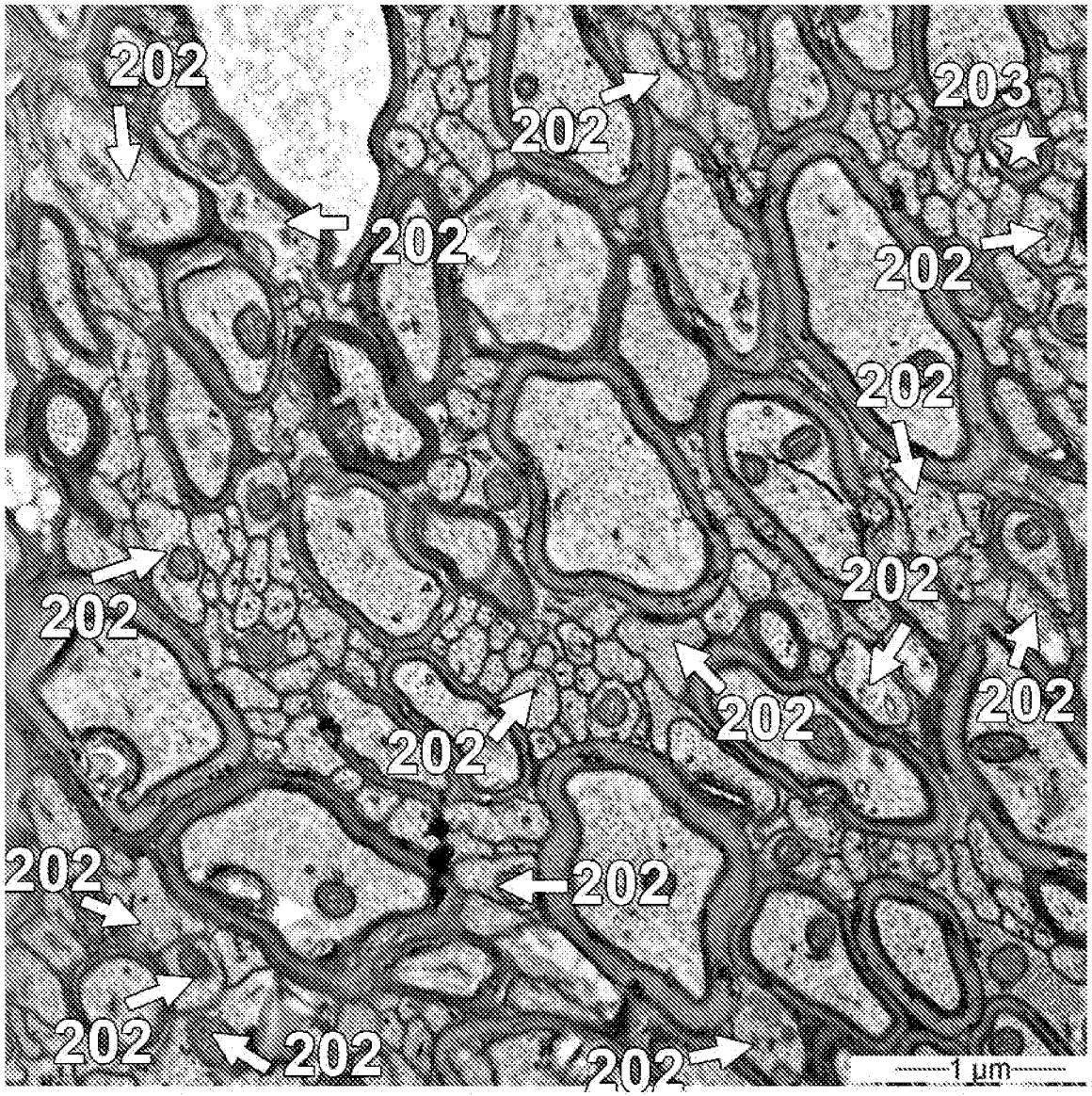
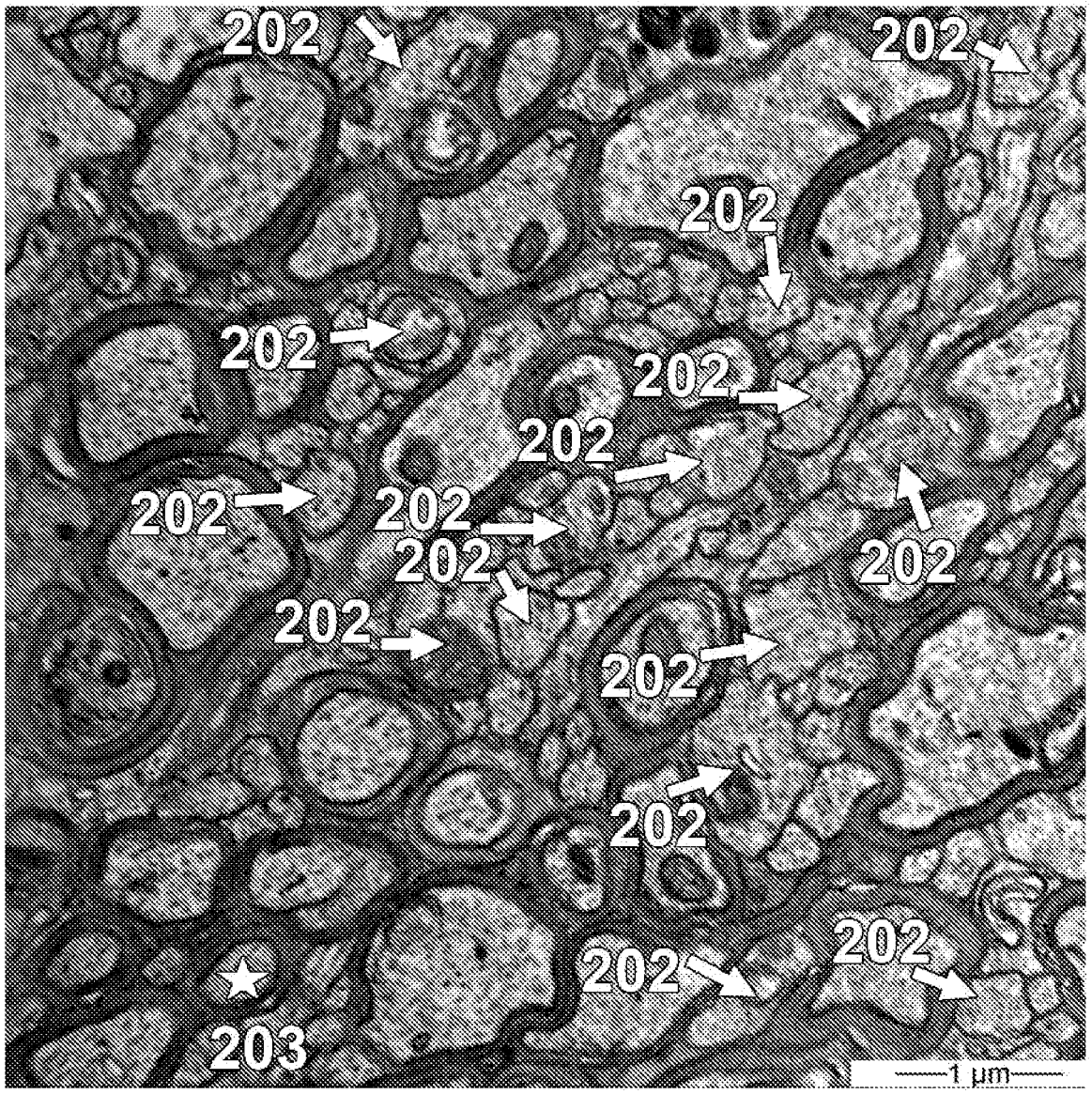

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FIG. 36B


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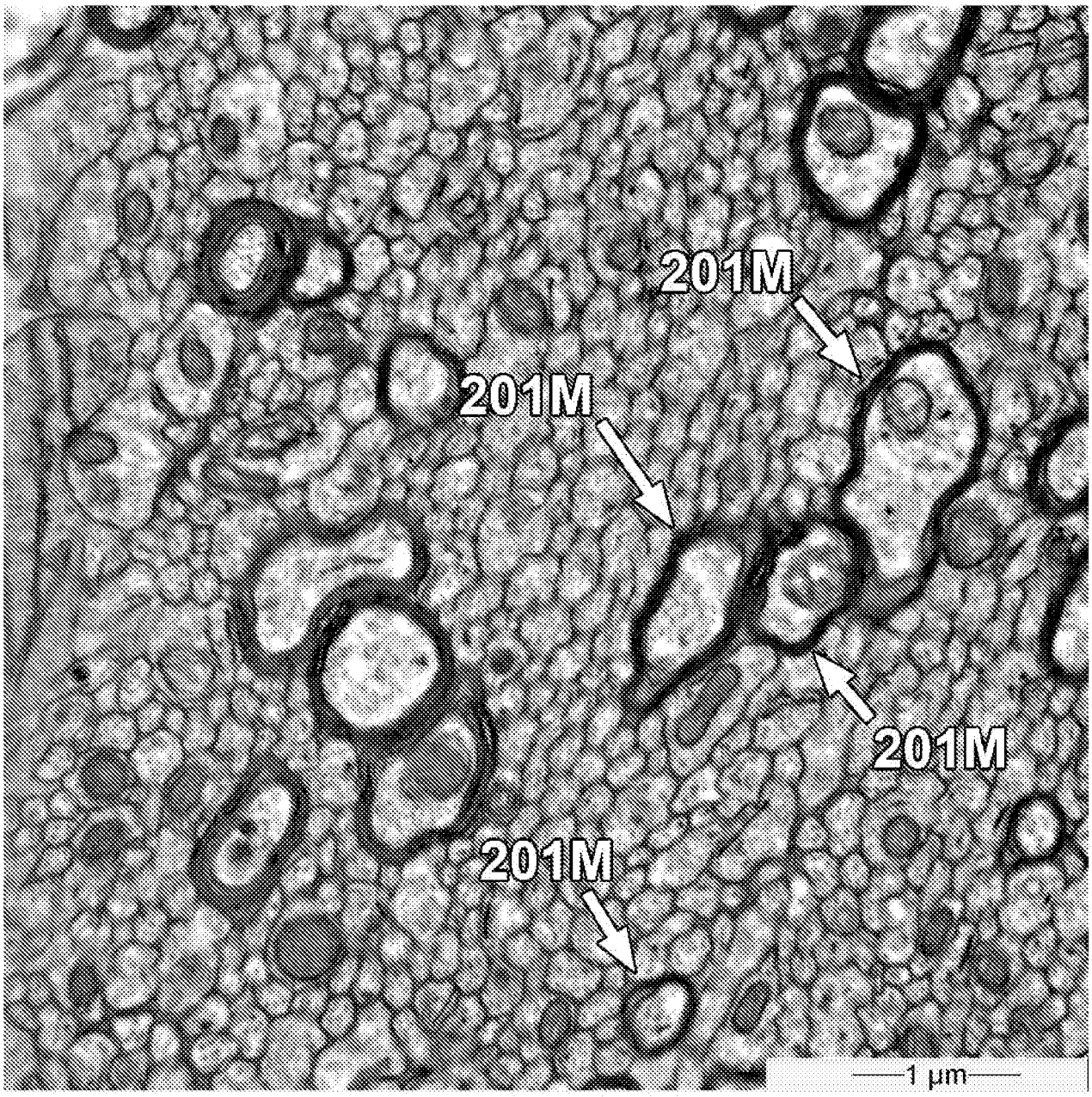



FIG. 37A

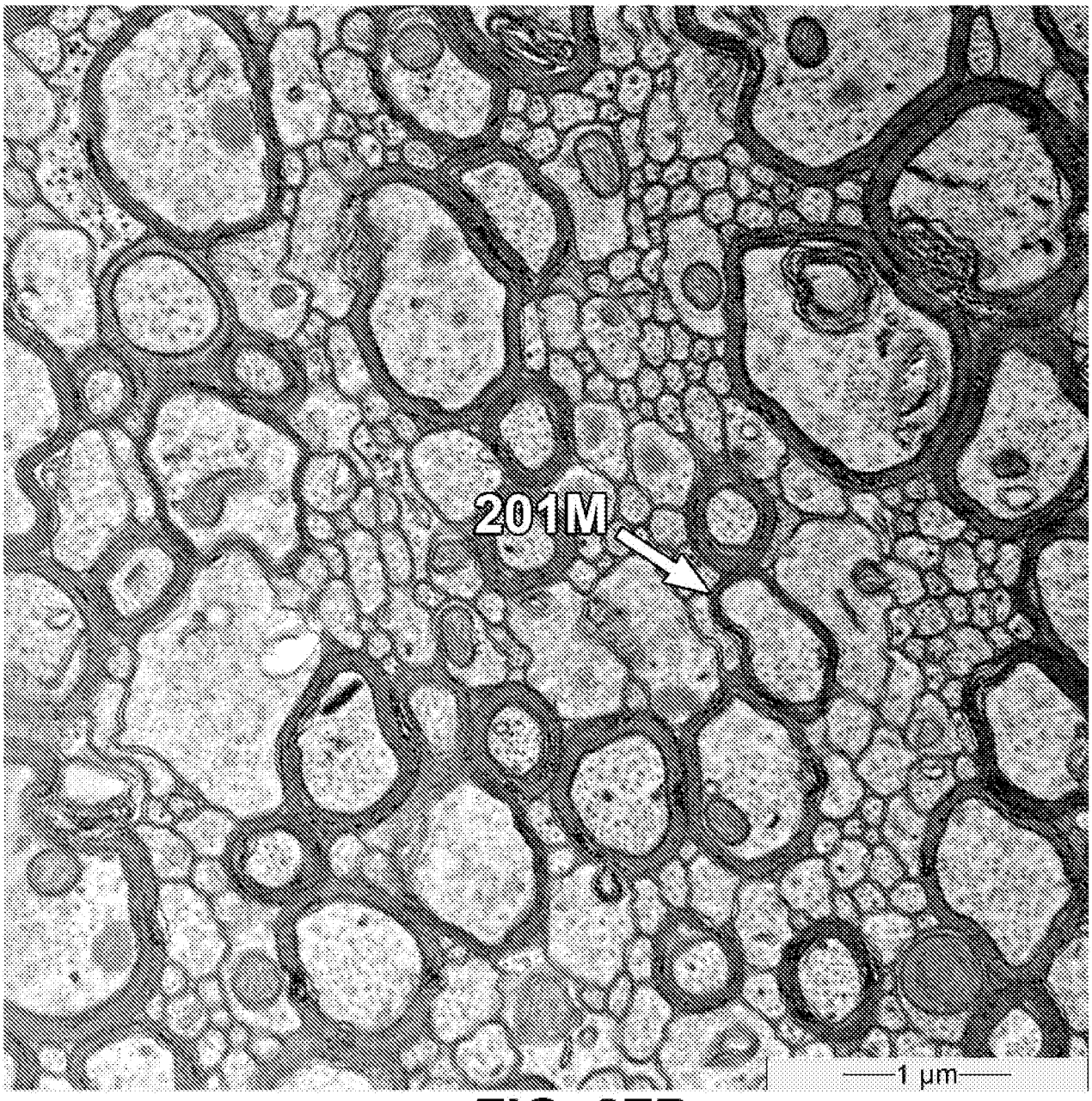



FIG. 37B

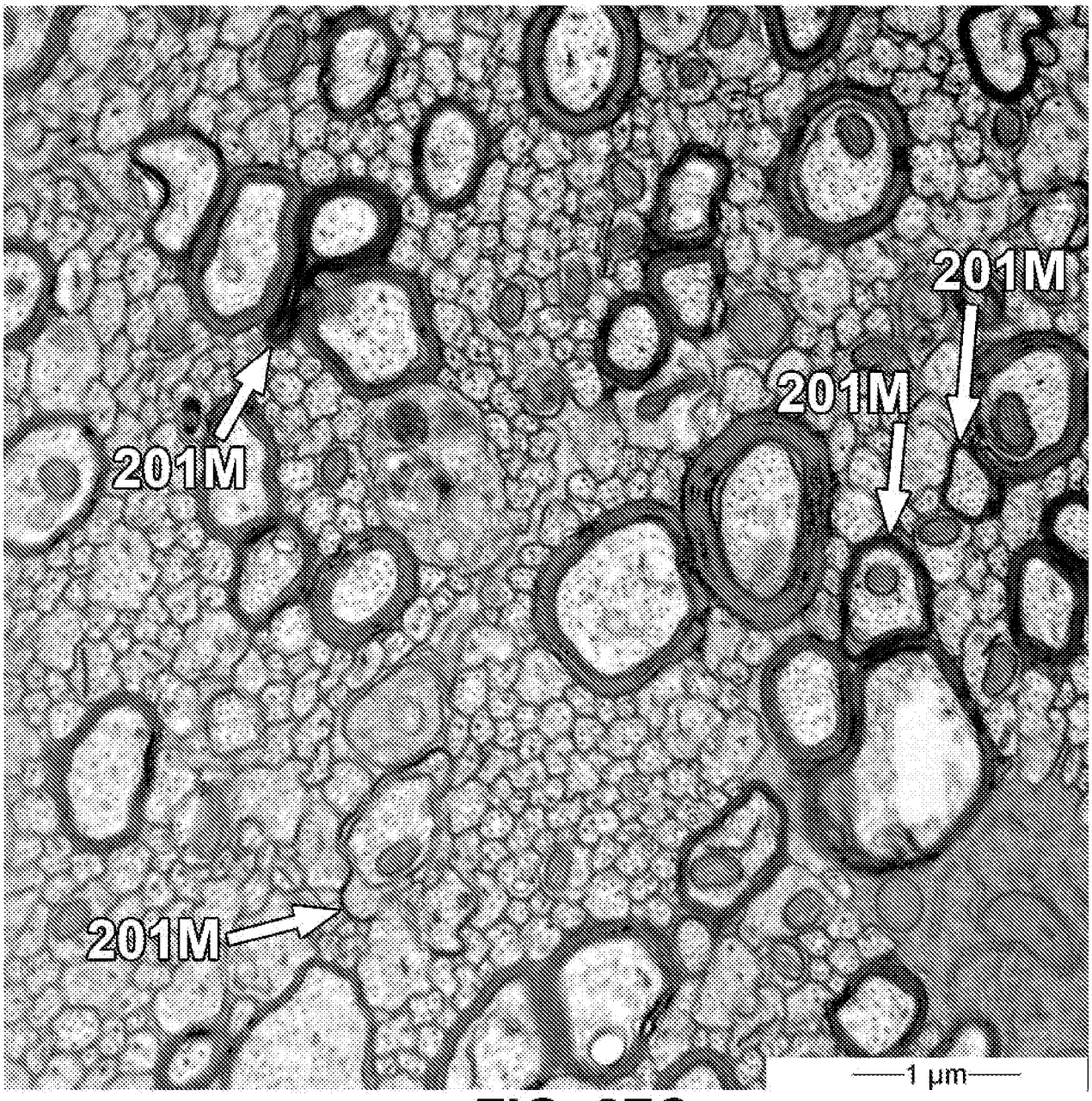



FIG. 37C

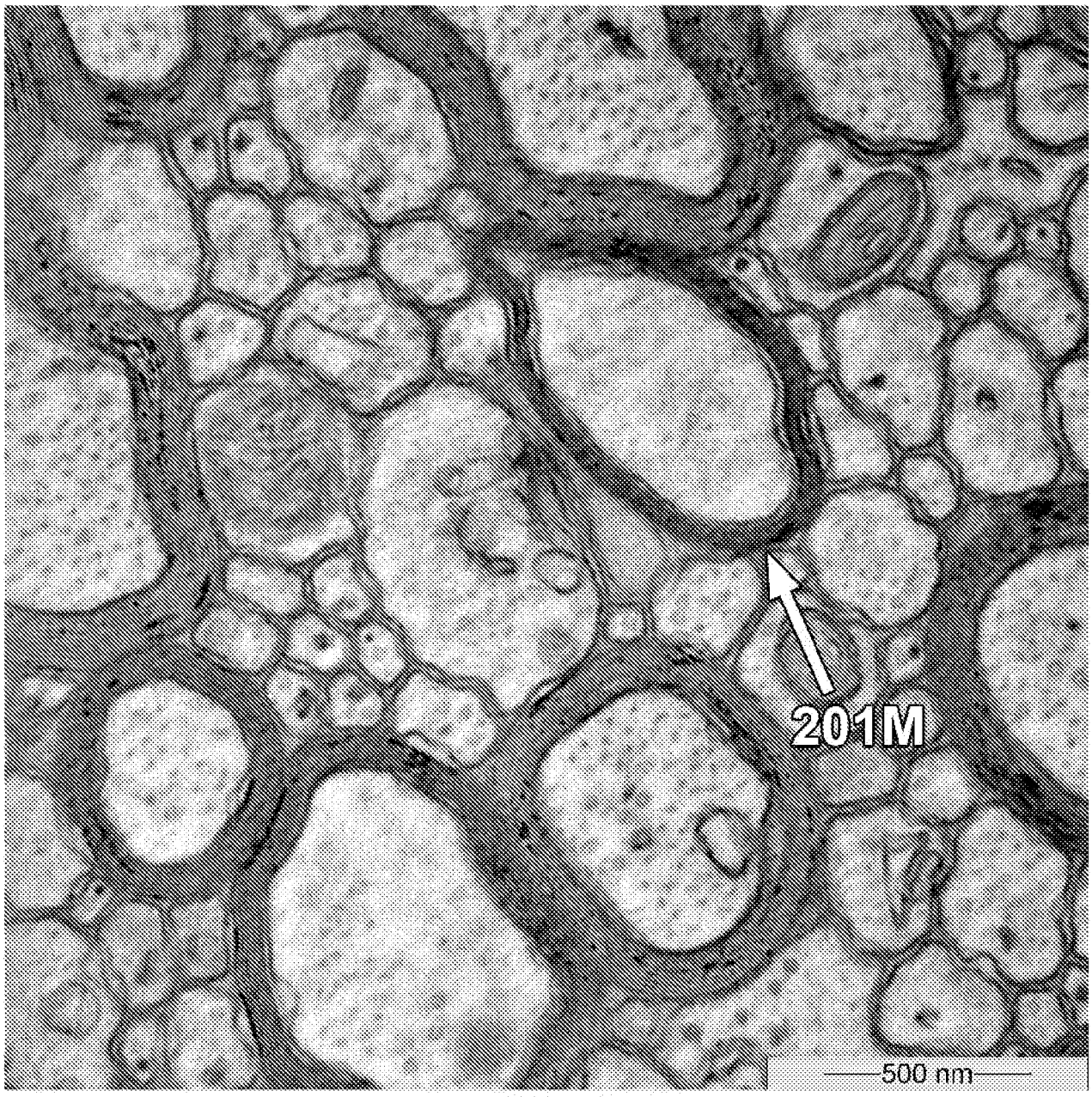



FIG. 37D

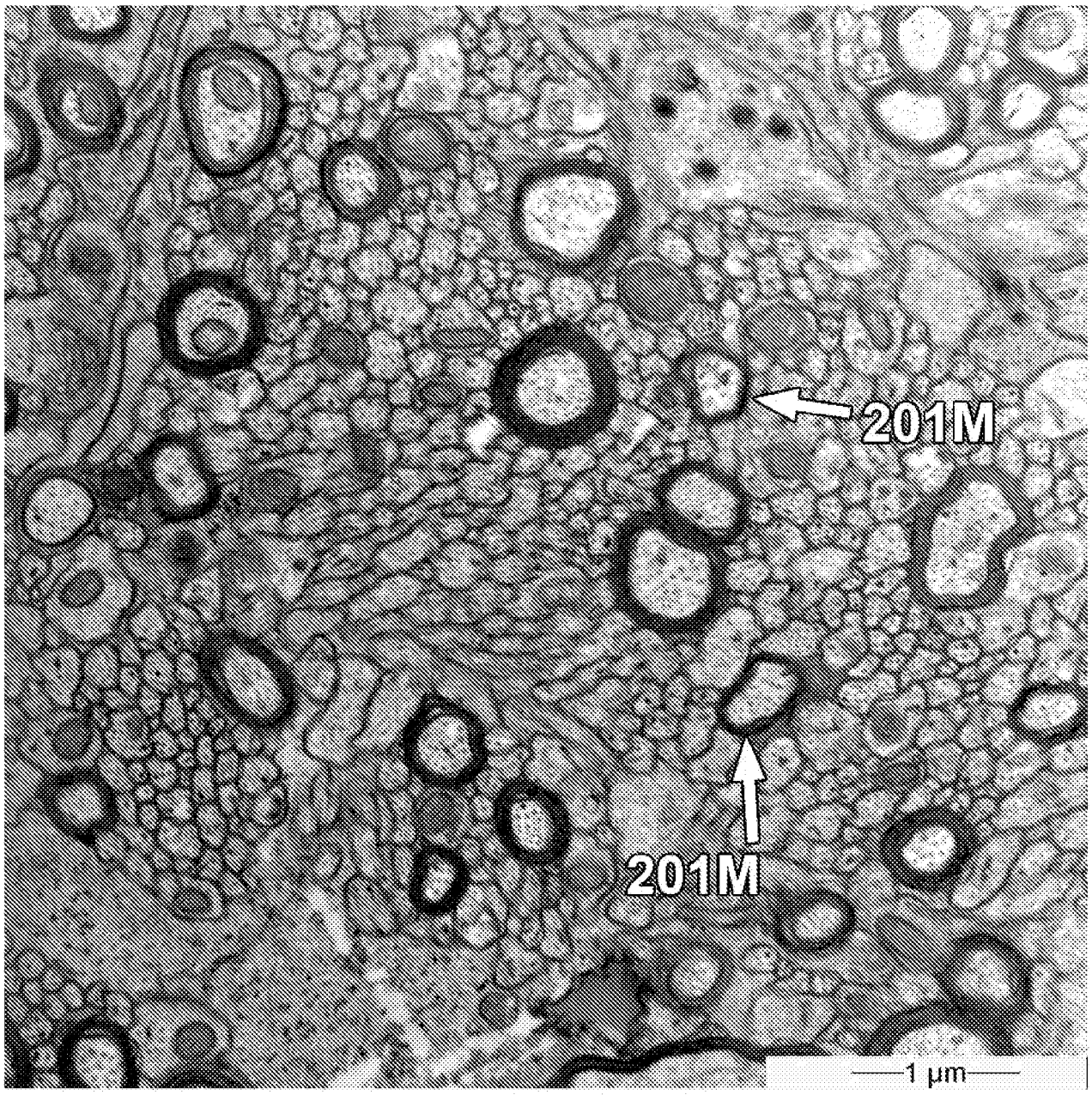



FIG. 37E

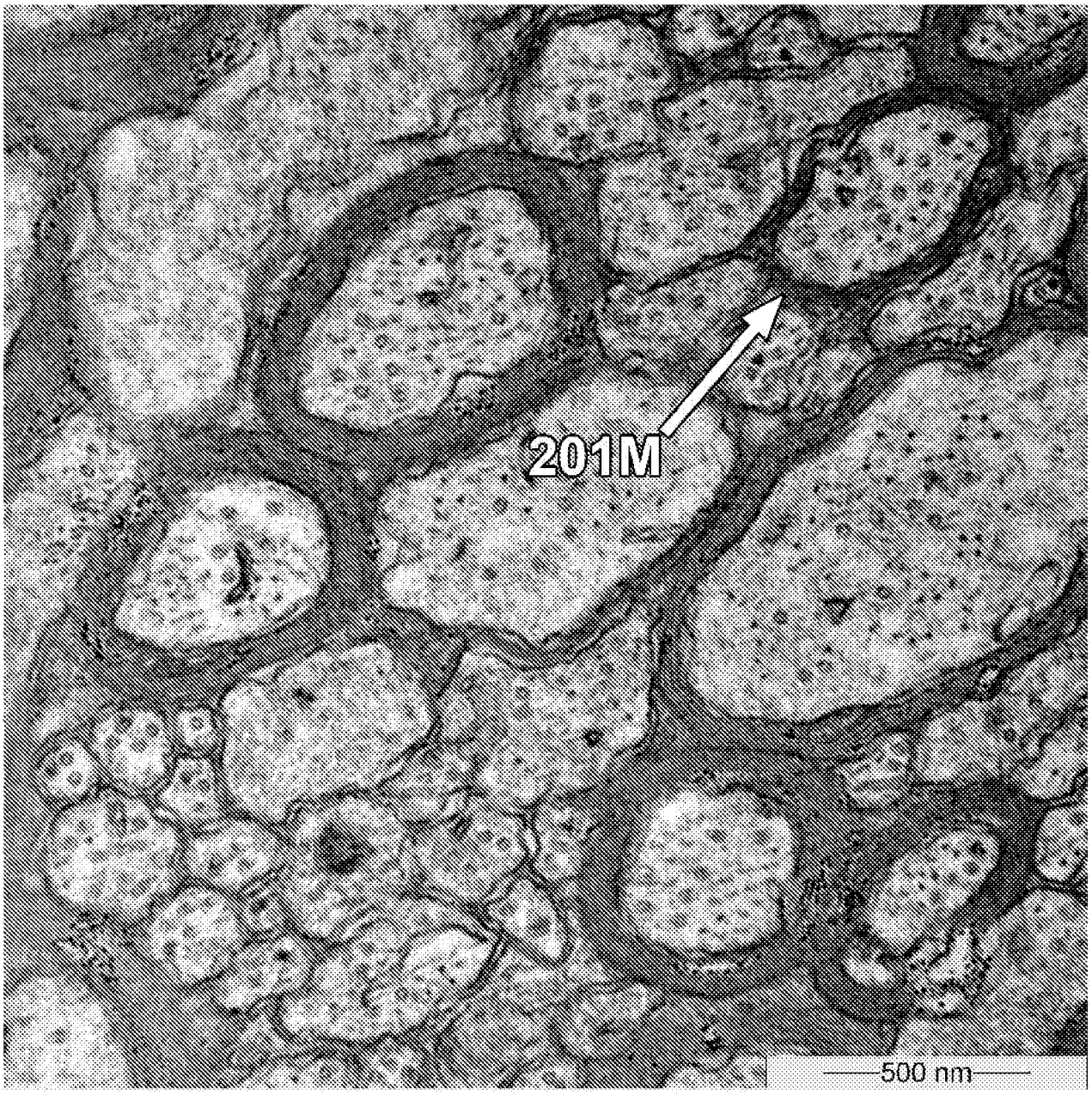



FIG. 37F

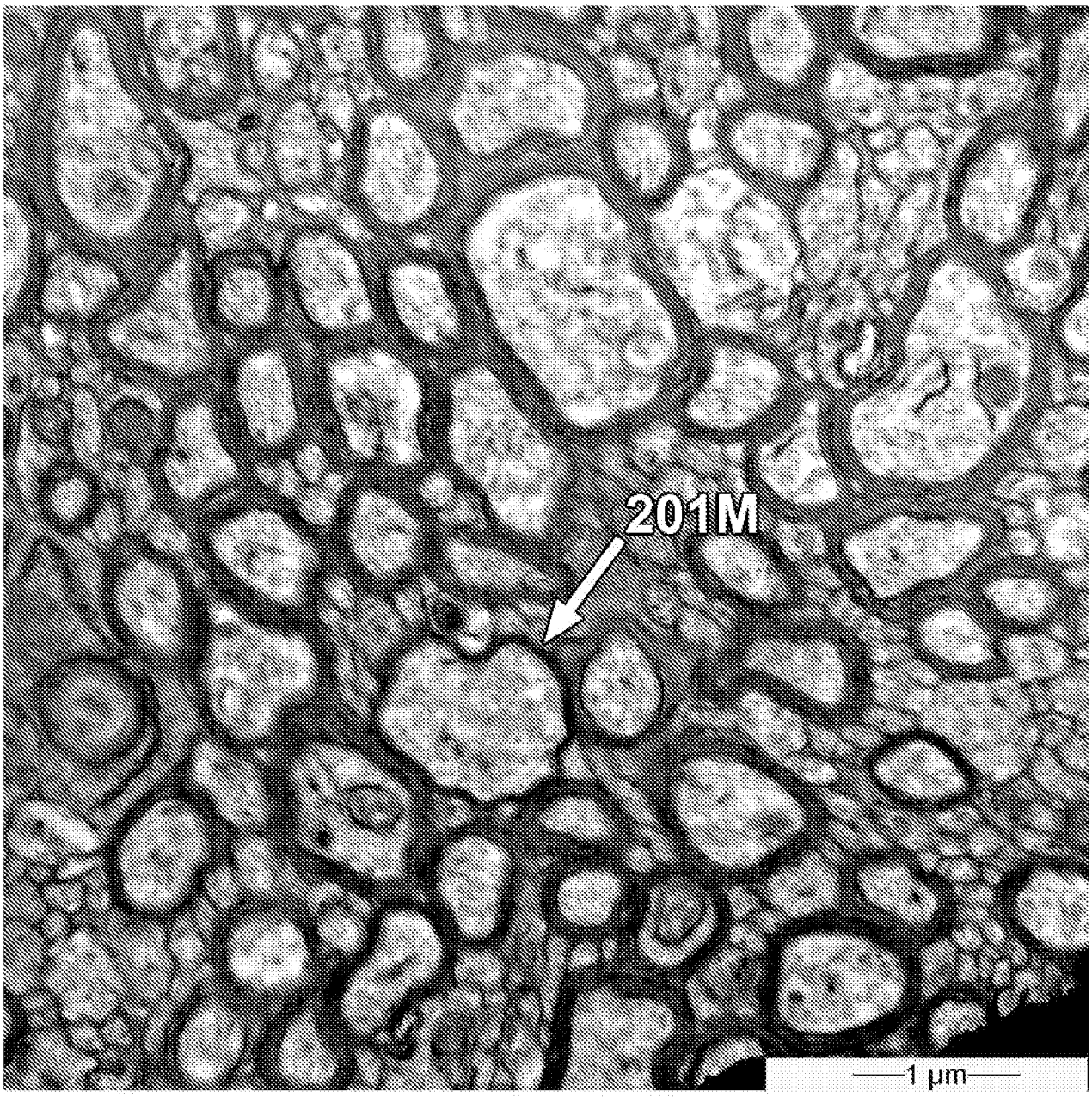



FIG. 37G

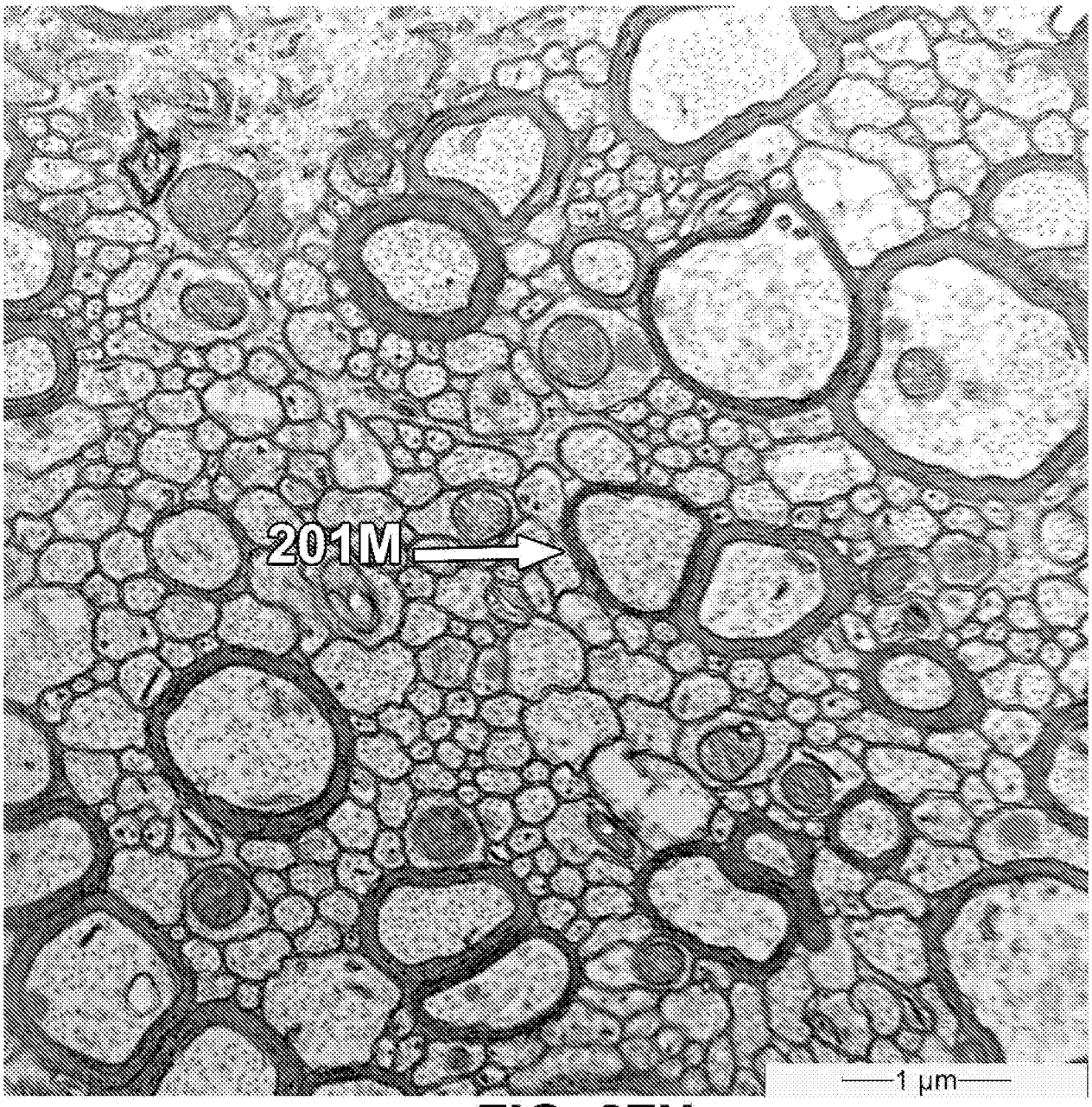



FIG. 37H

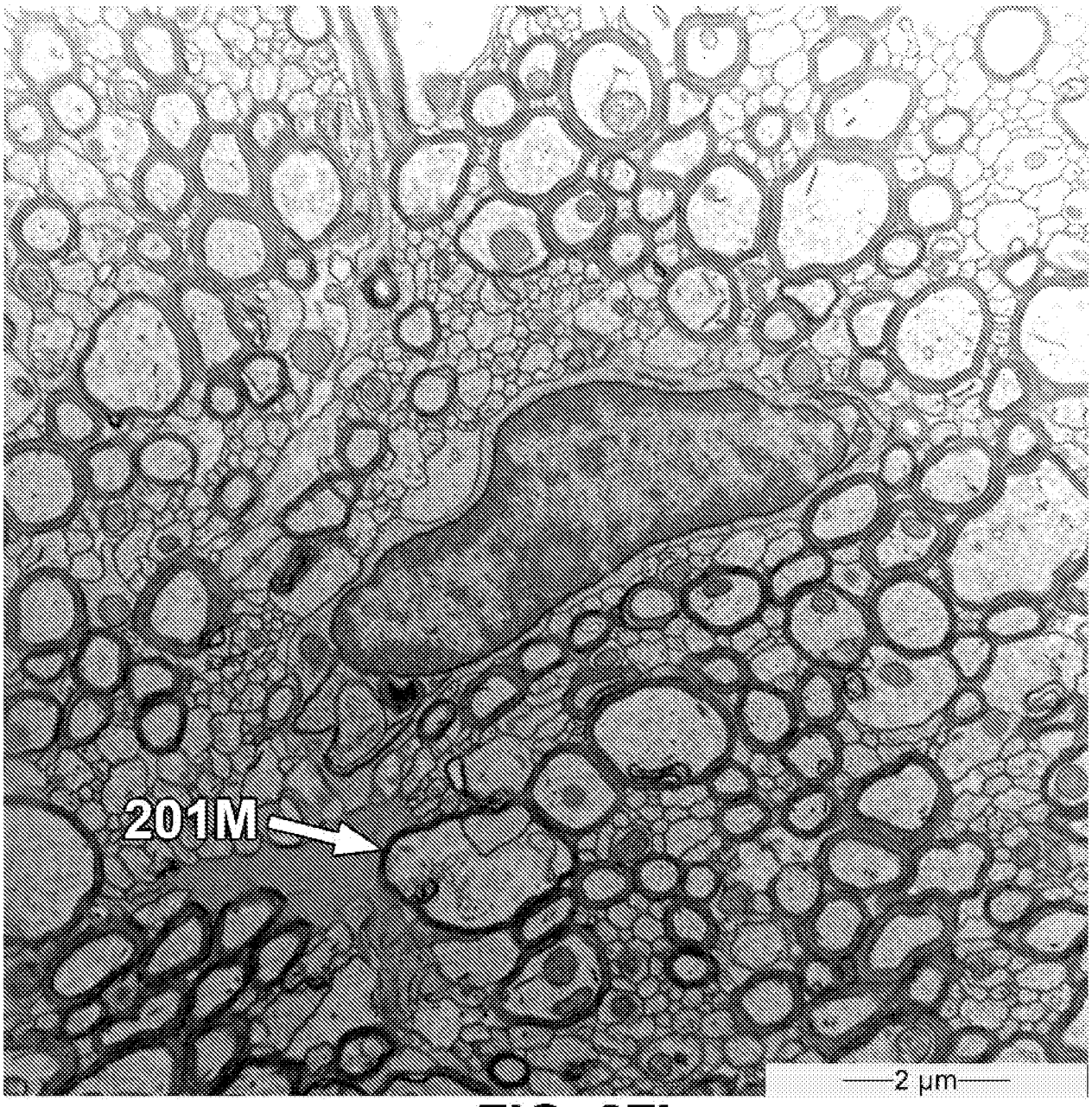



FIG. 37I

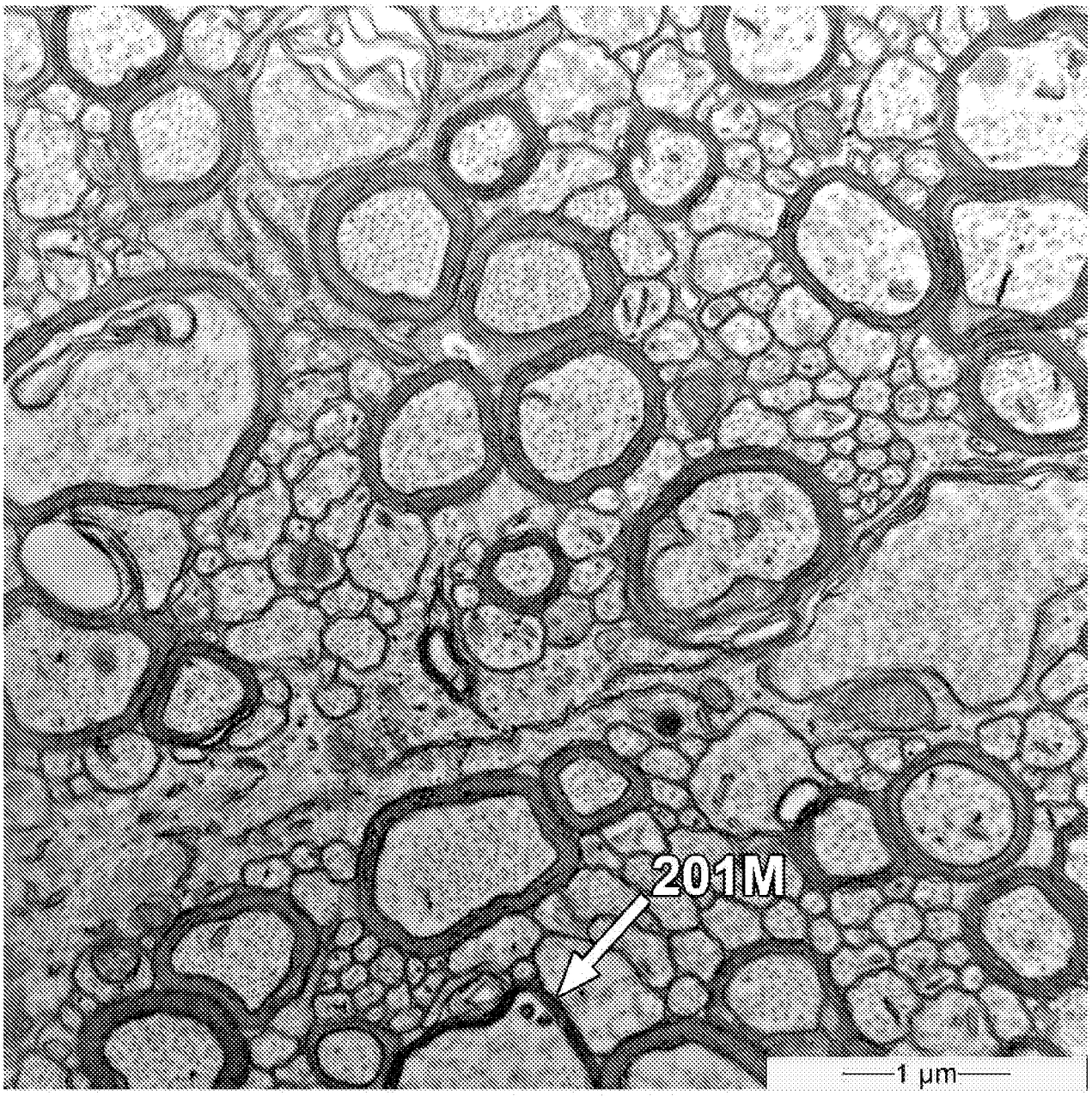



FIG. 37J

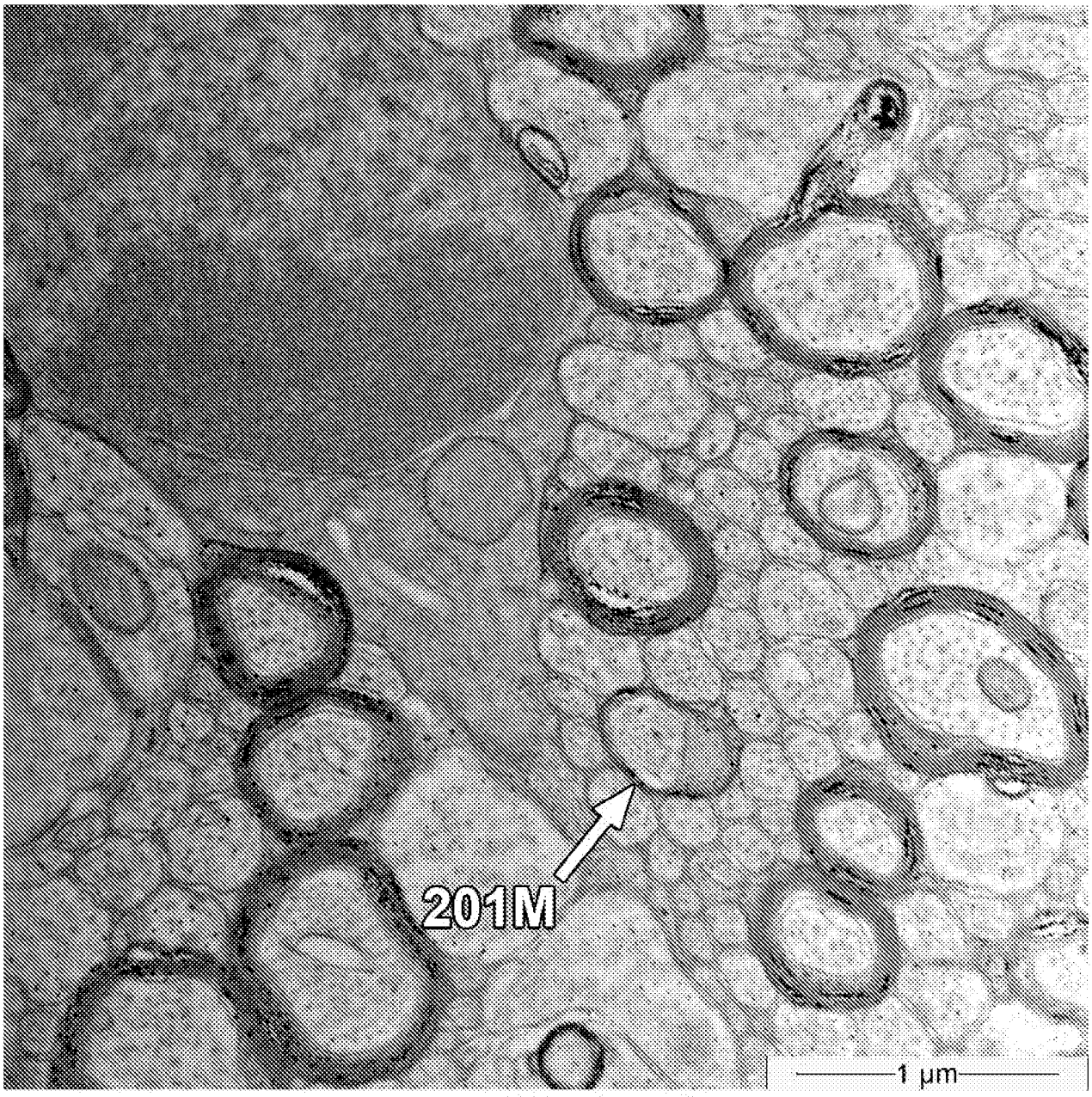



FIG. 37K




FIG. 38A

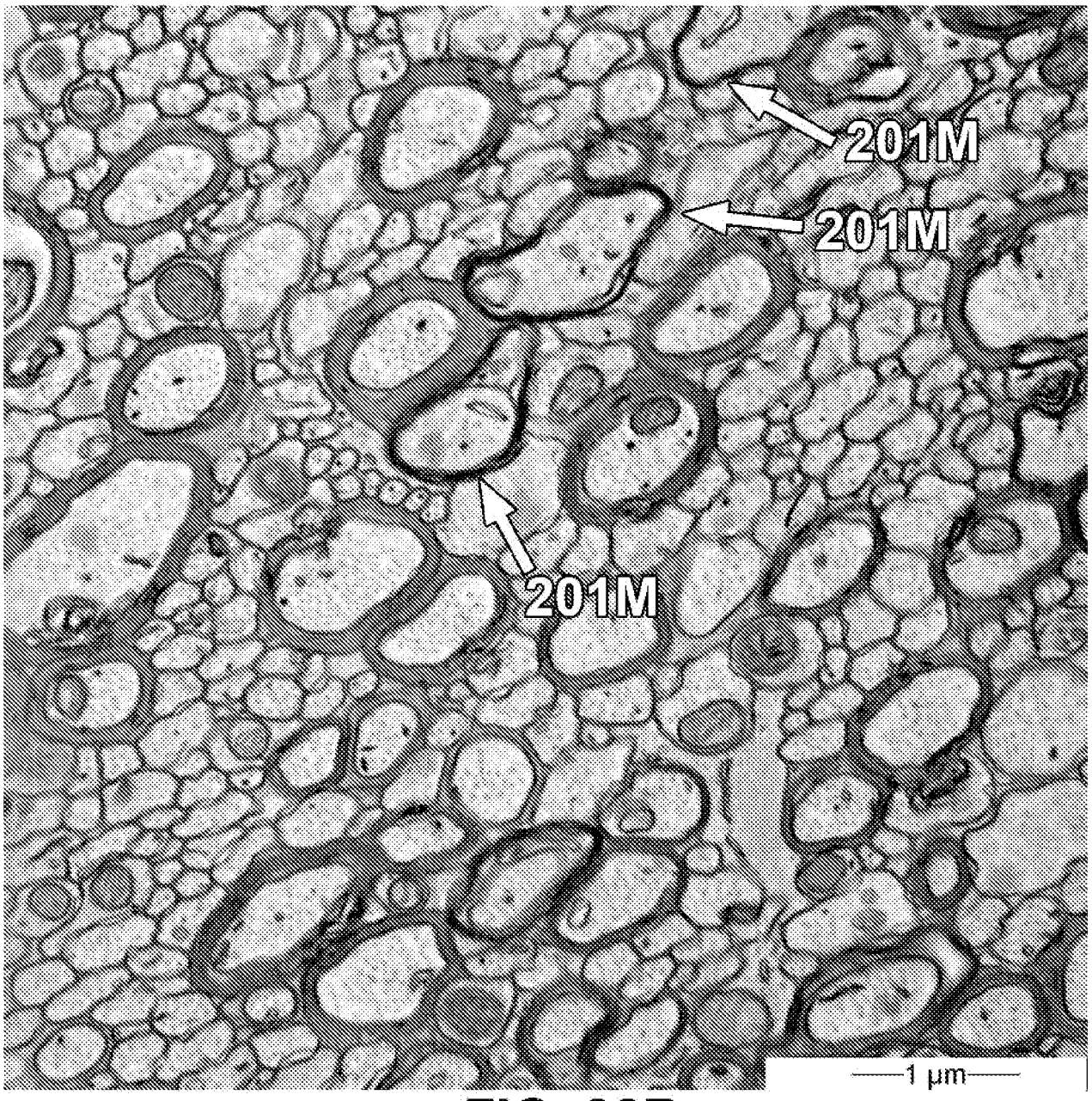



FIG. 38B

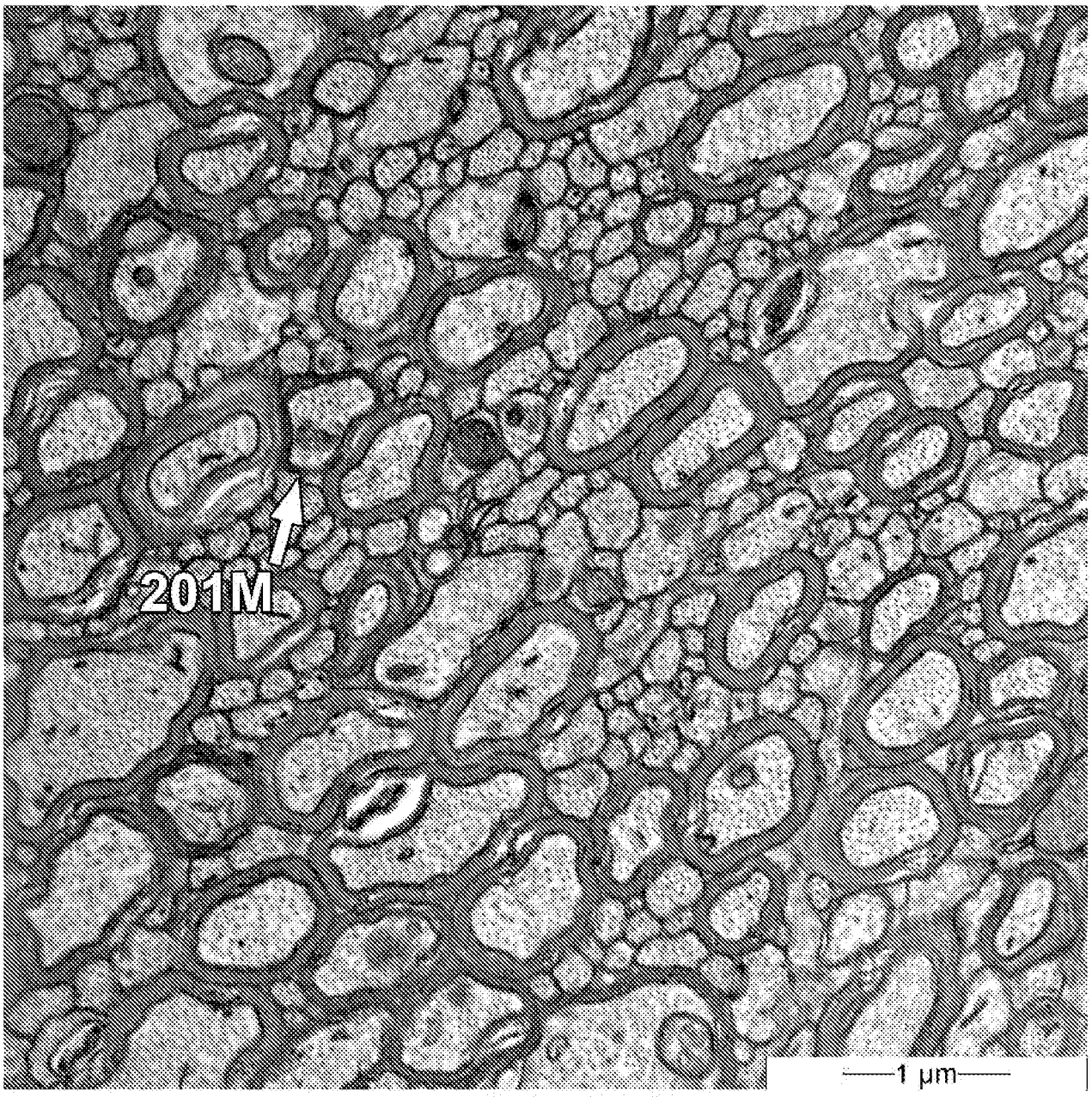



FIG. 38C

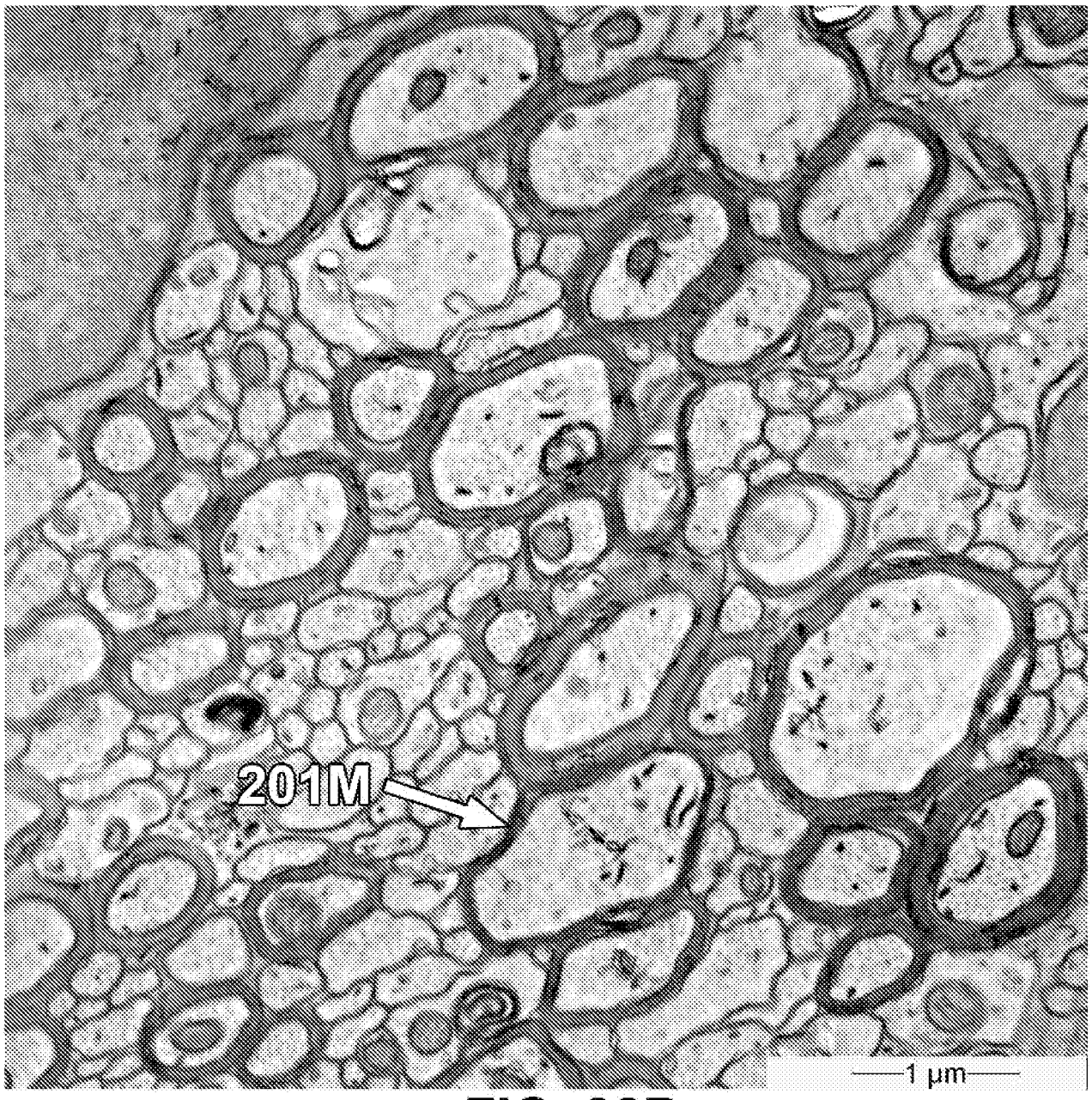



FIG. 38D

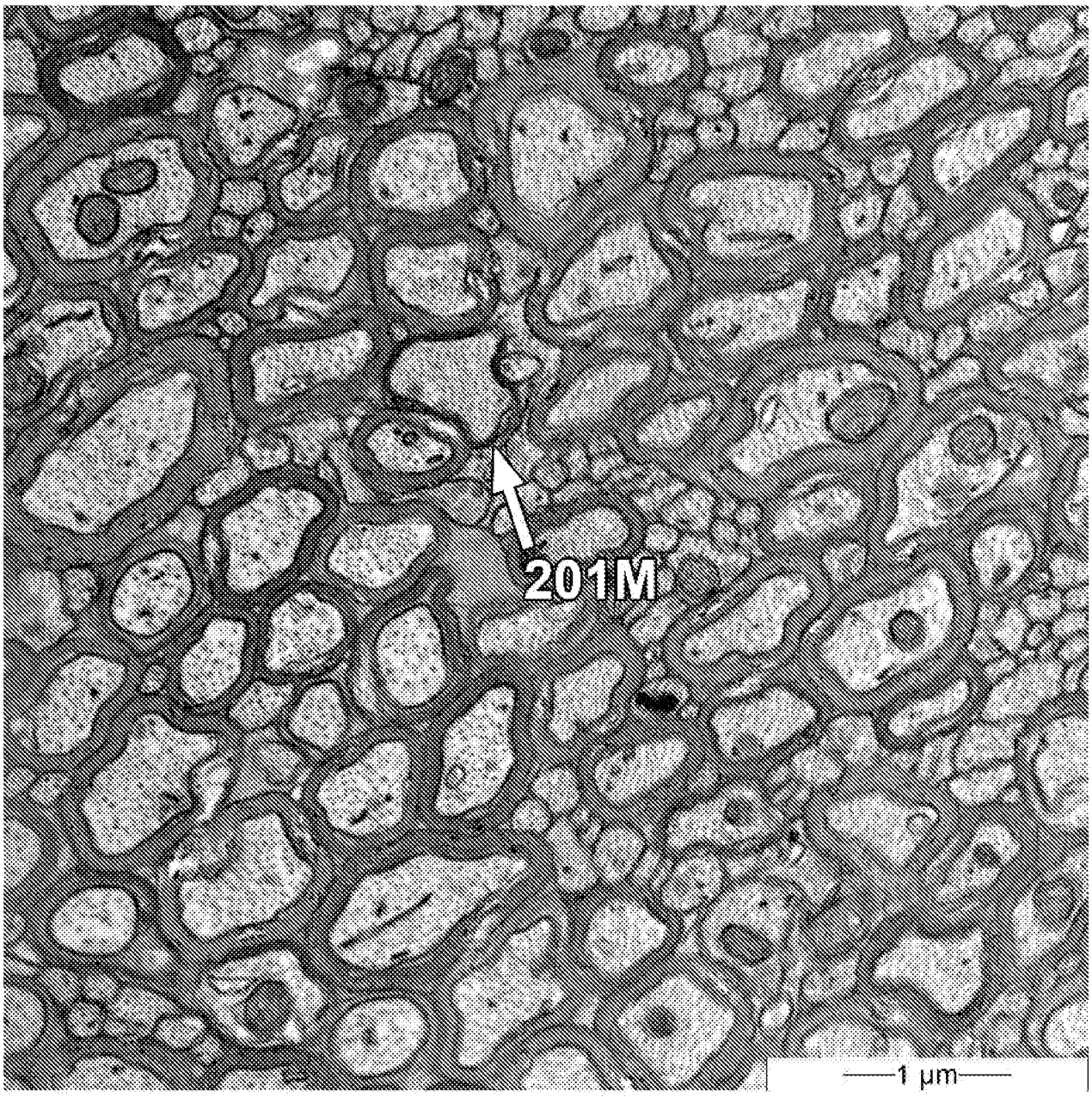



FIG. 38E

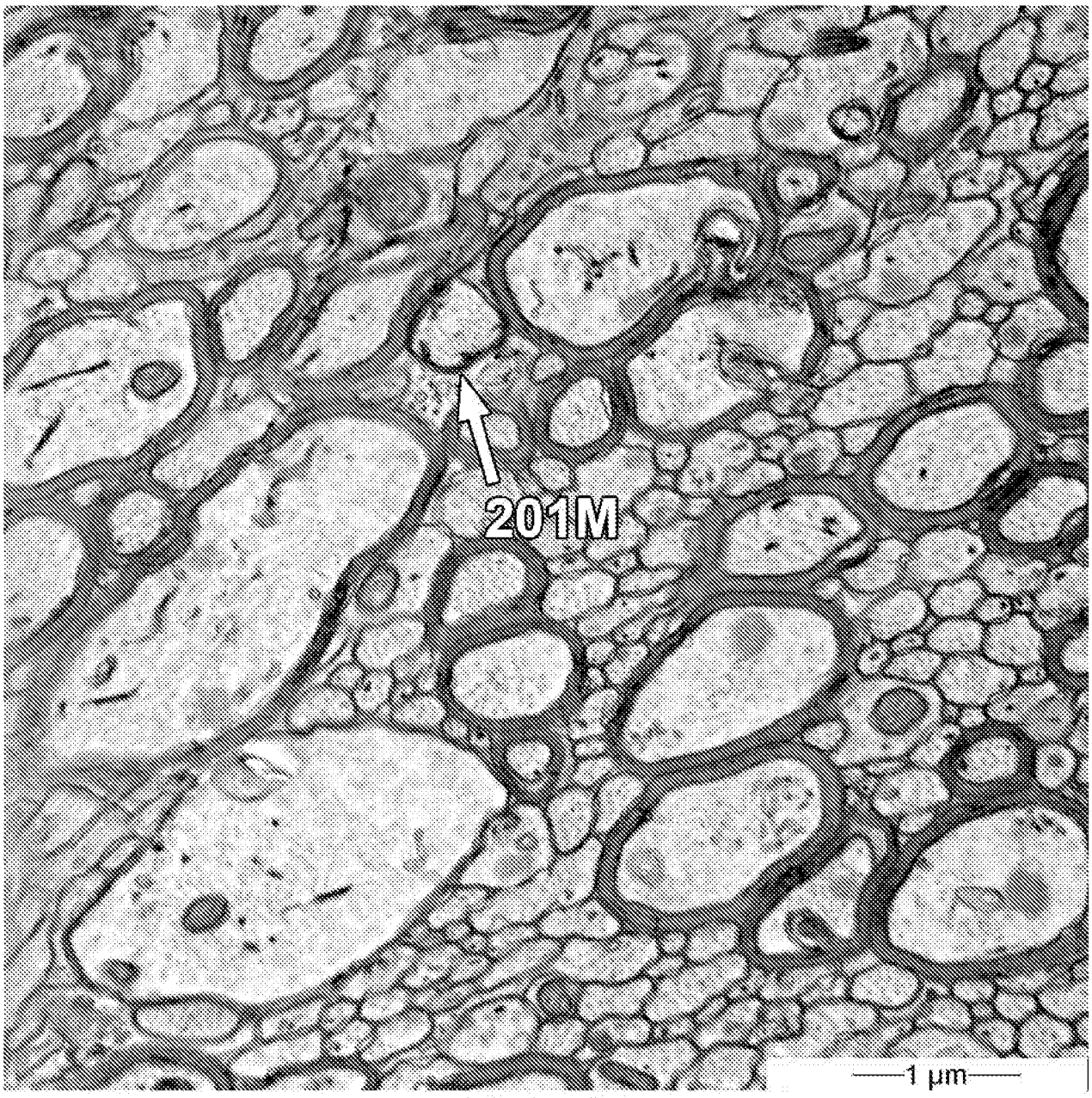



FIG. 38F




FIG. 38G

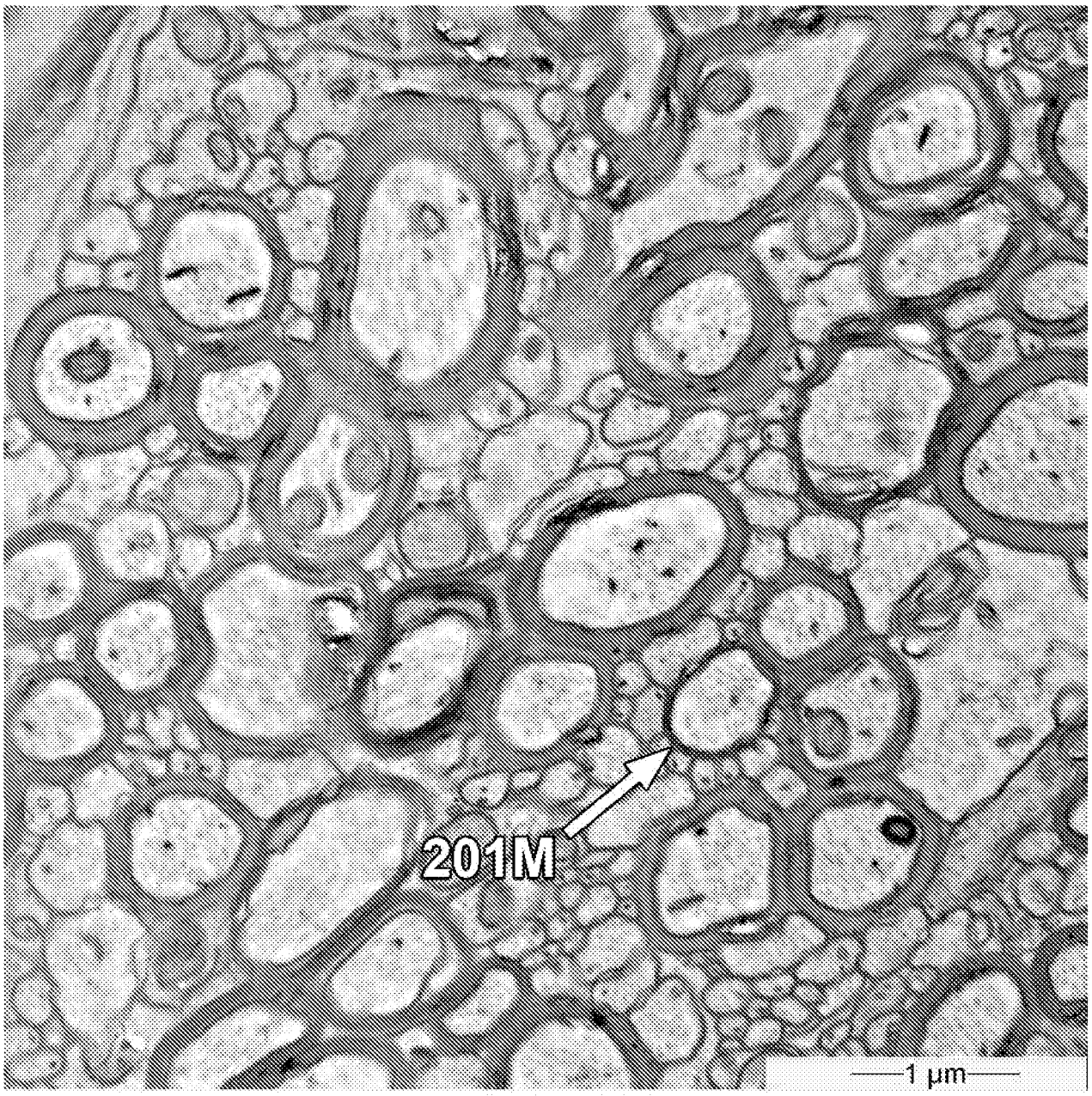



FIG. 38H

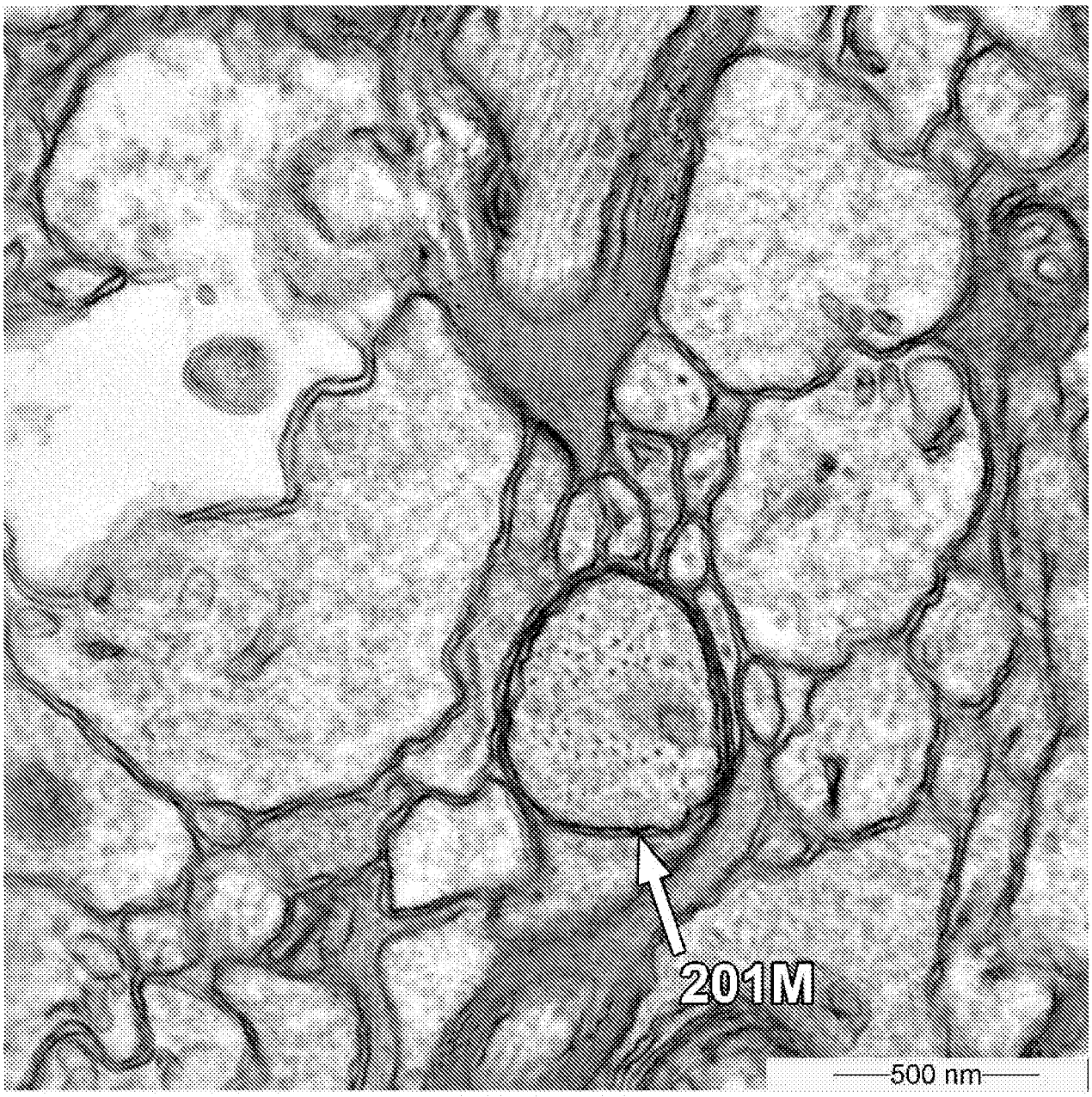



FIG. 38I

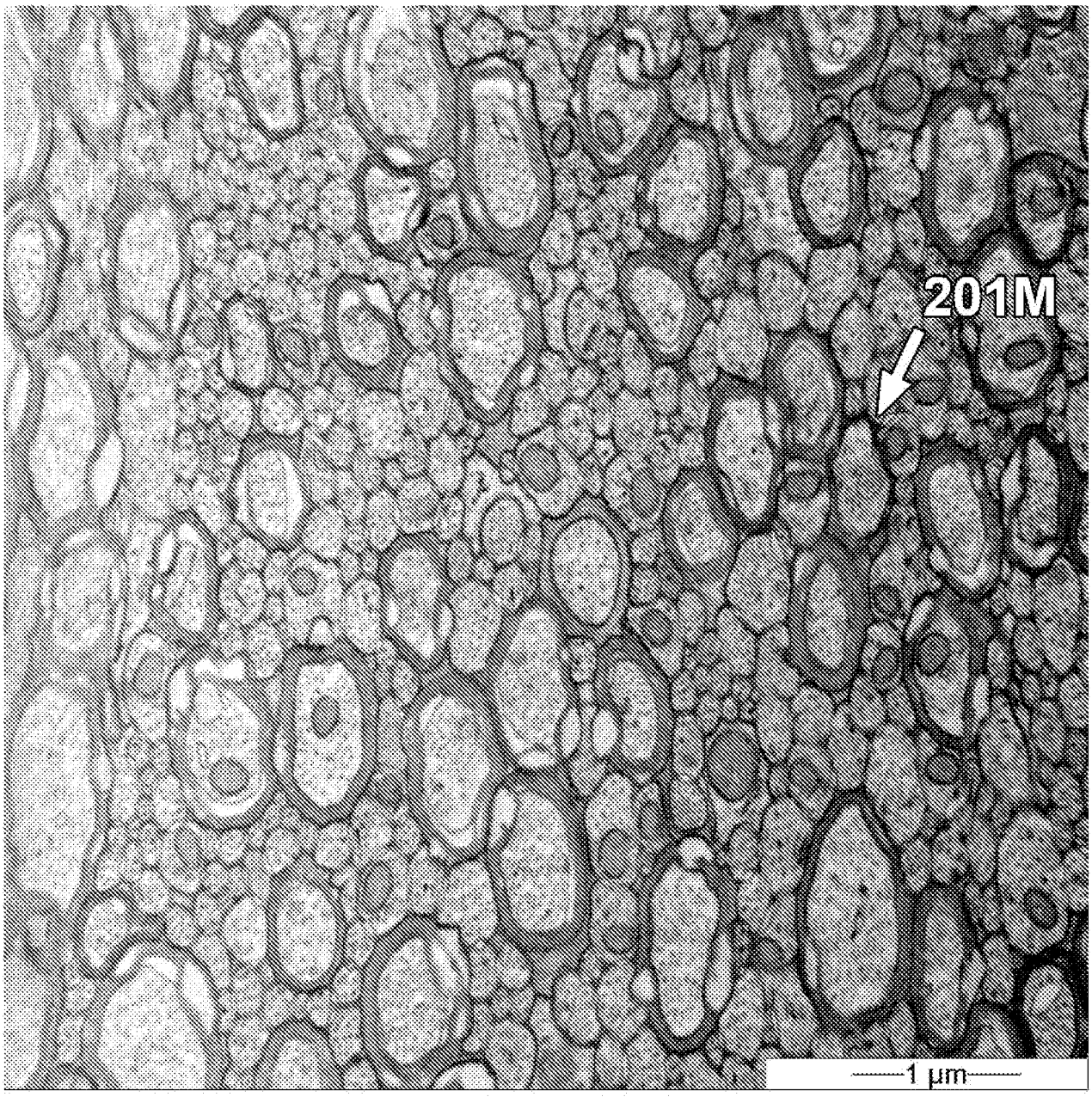



FIG. 38J

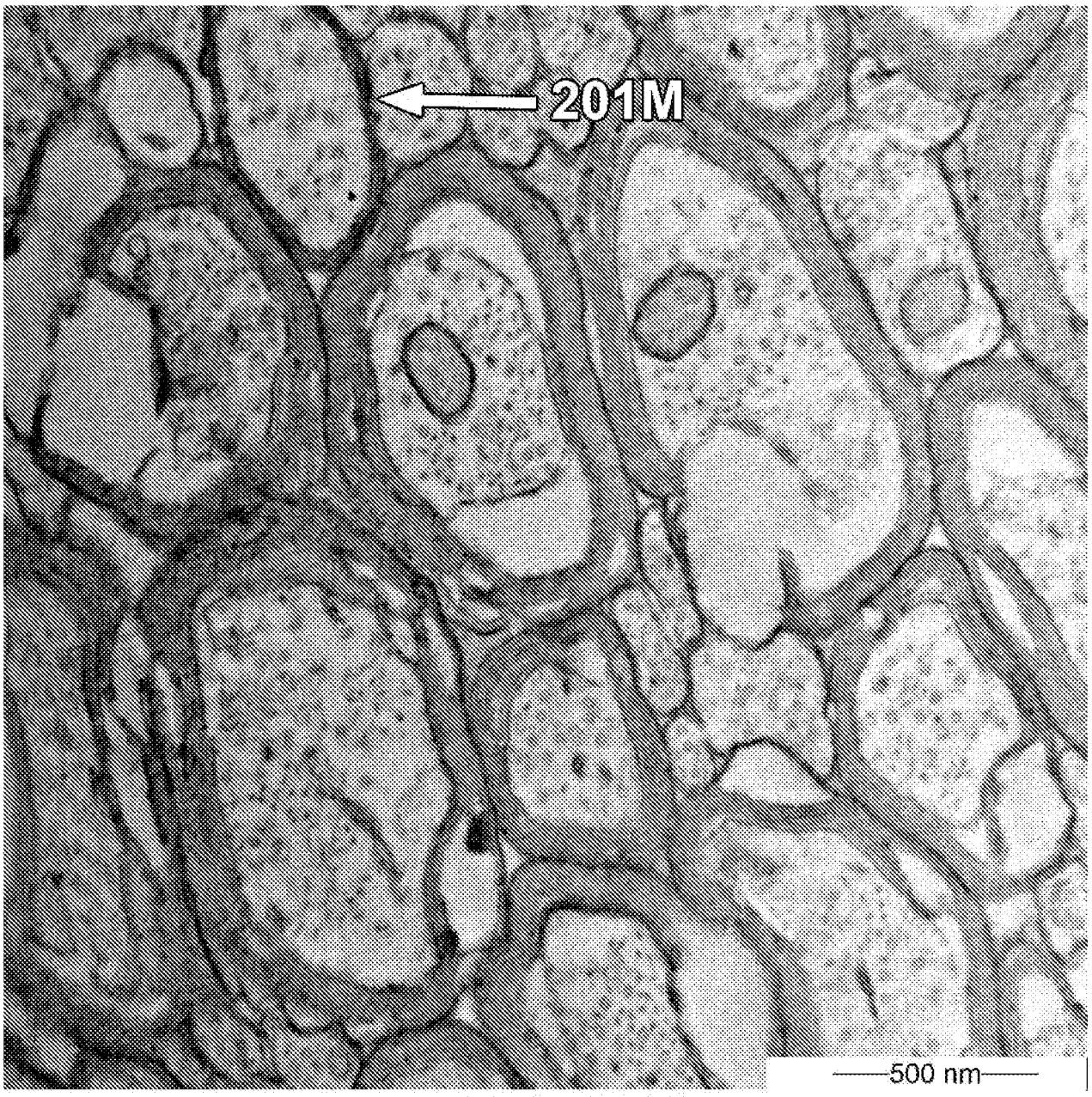



FIG. 38K

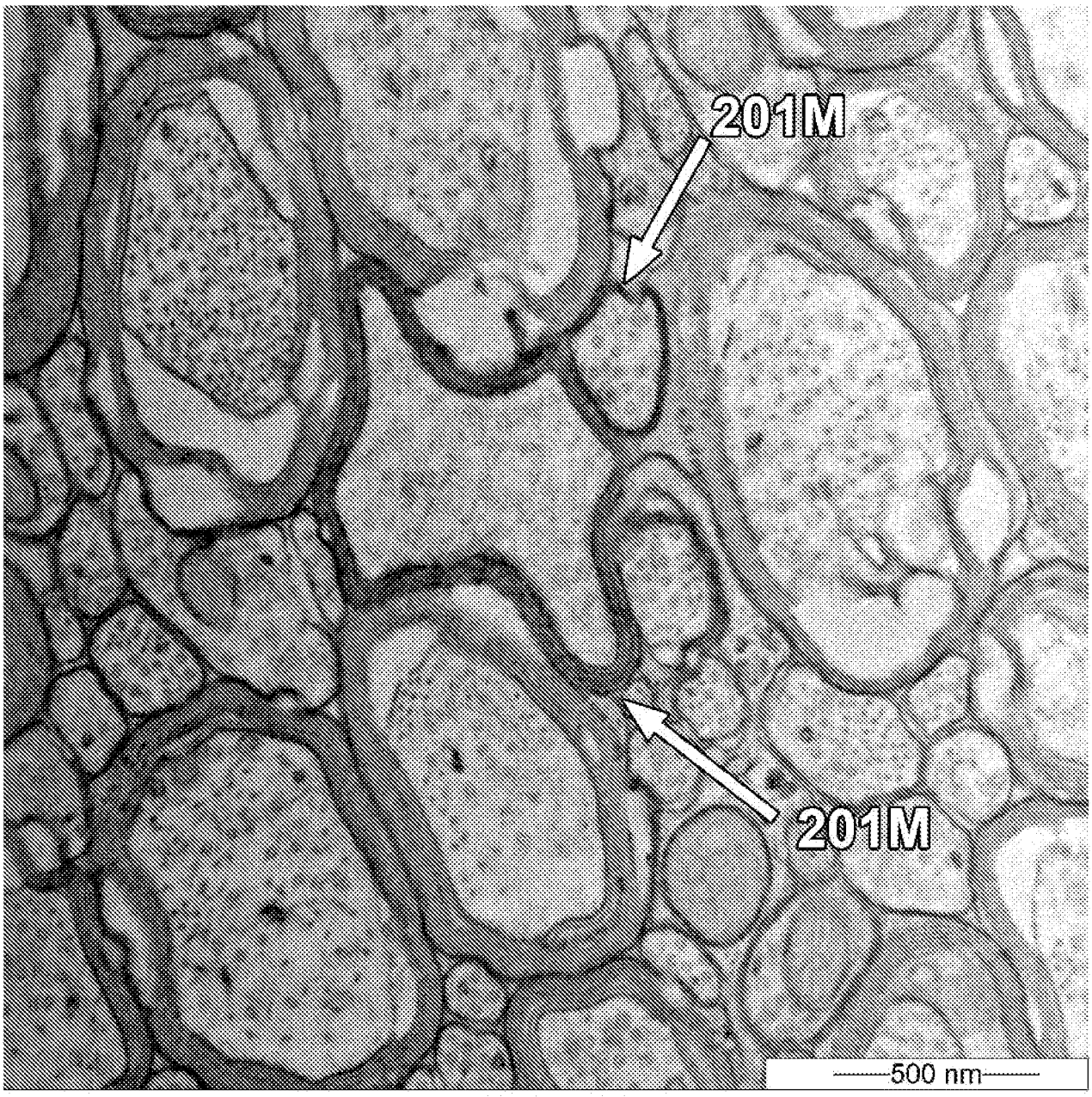



FIG. 38L

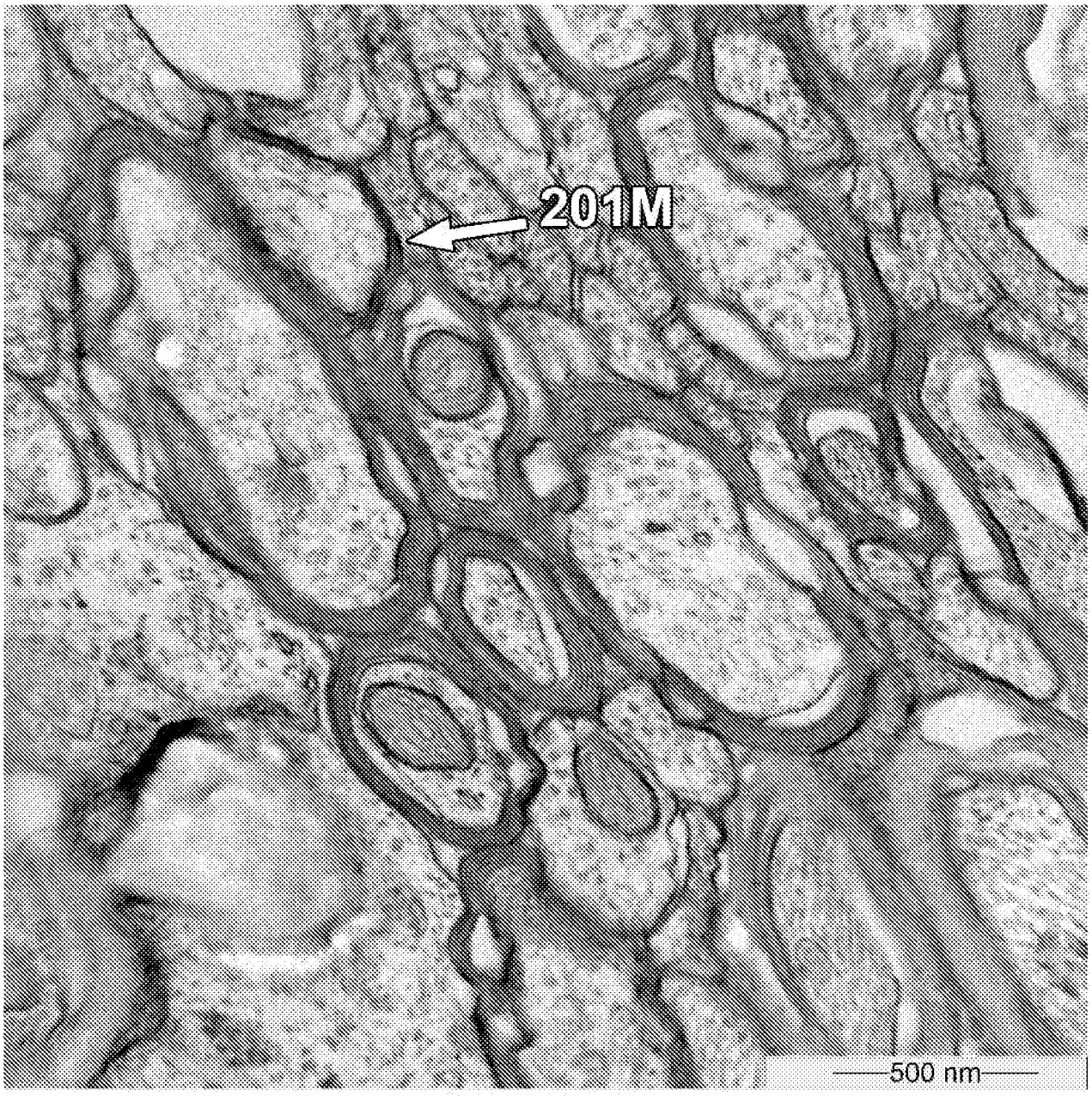



FIG. 39A

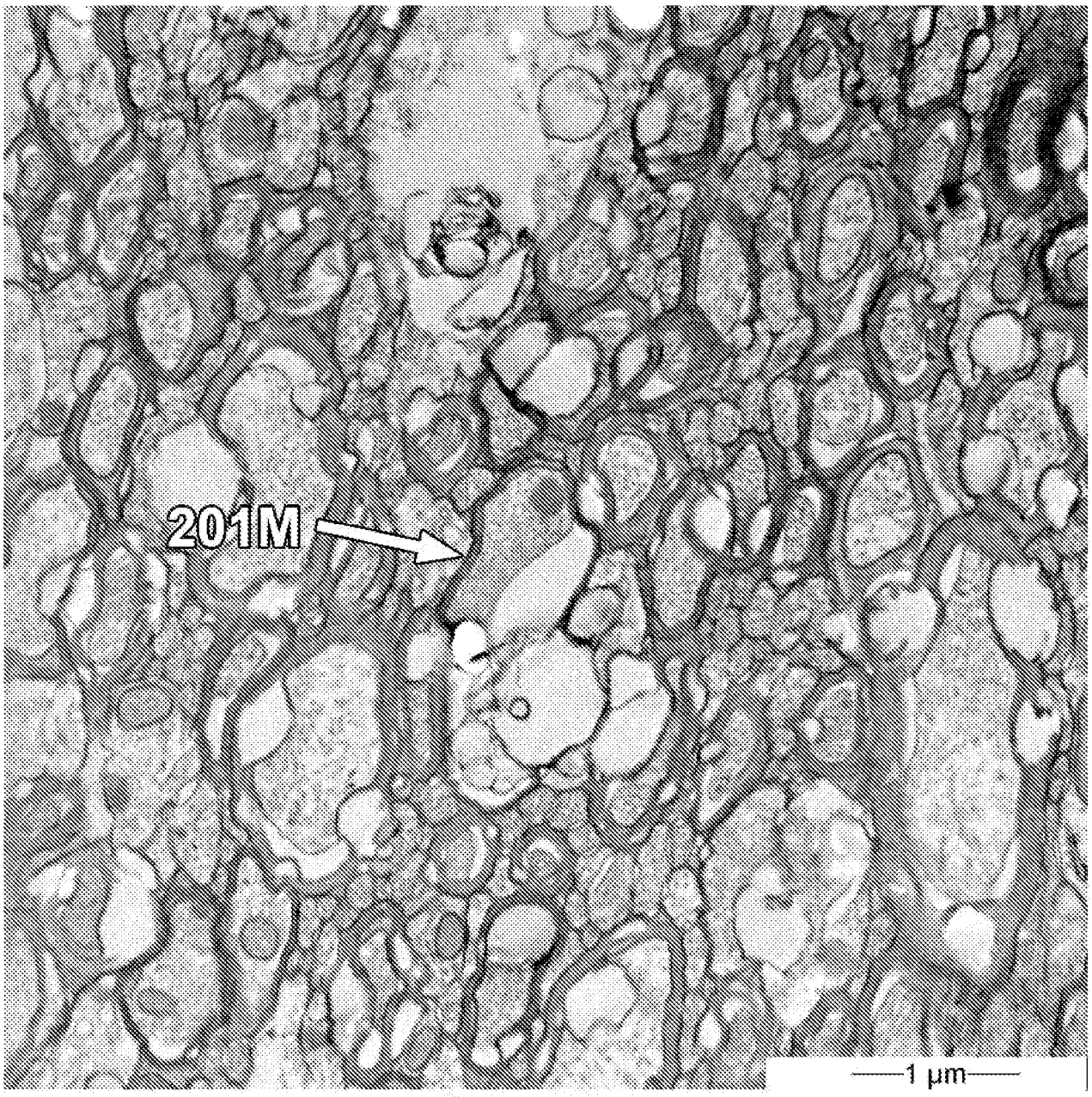



FIG. 39B

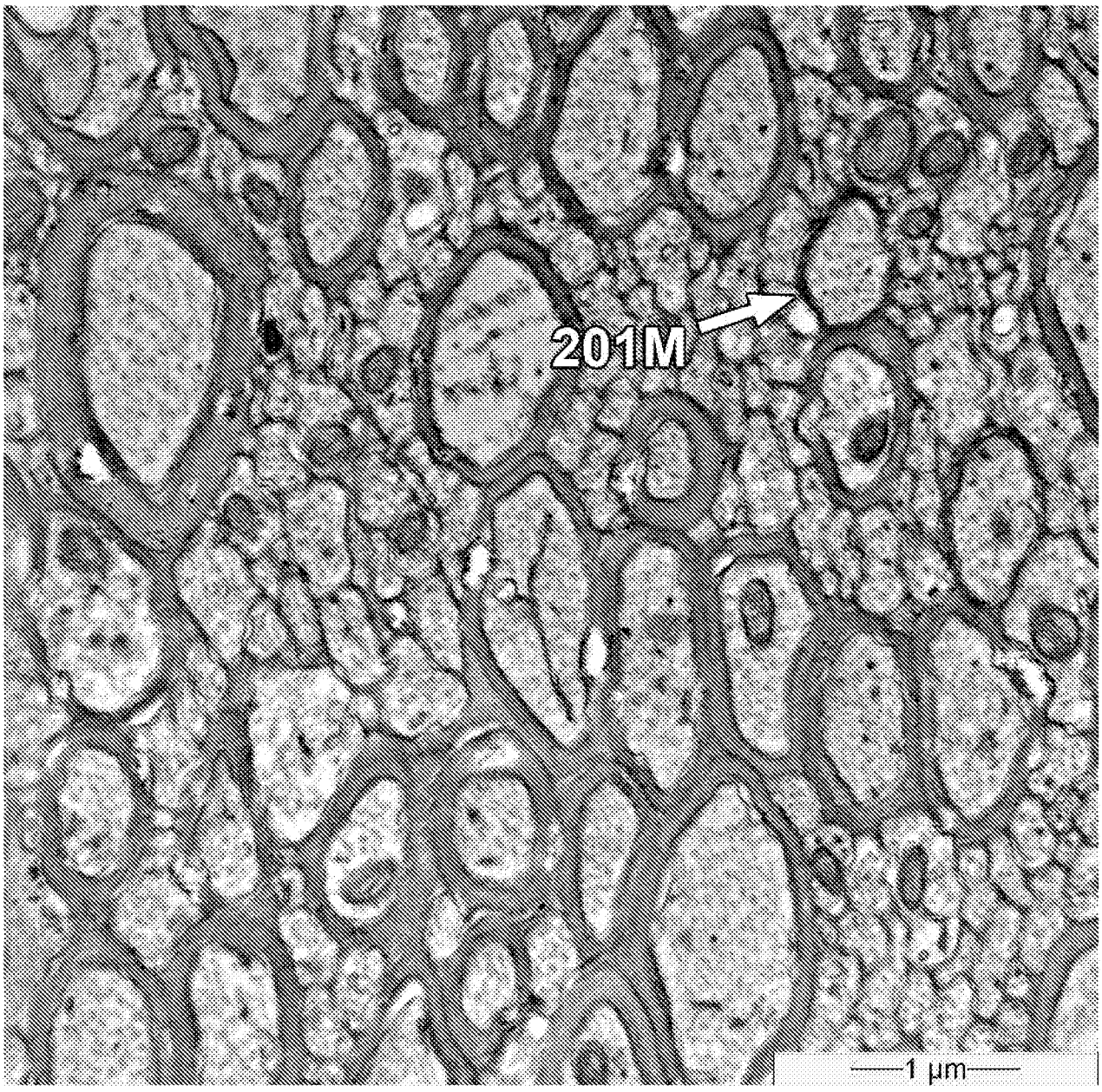



FIG. 39C

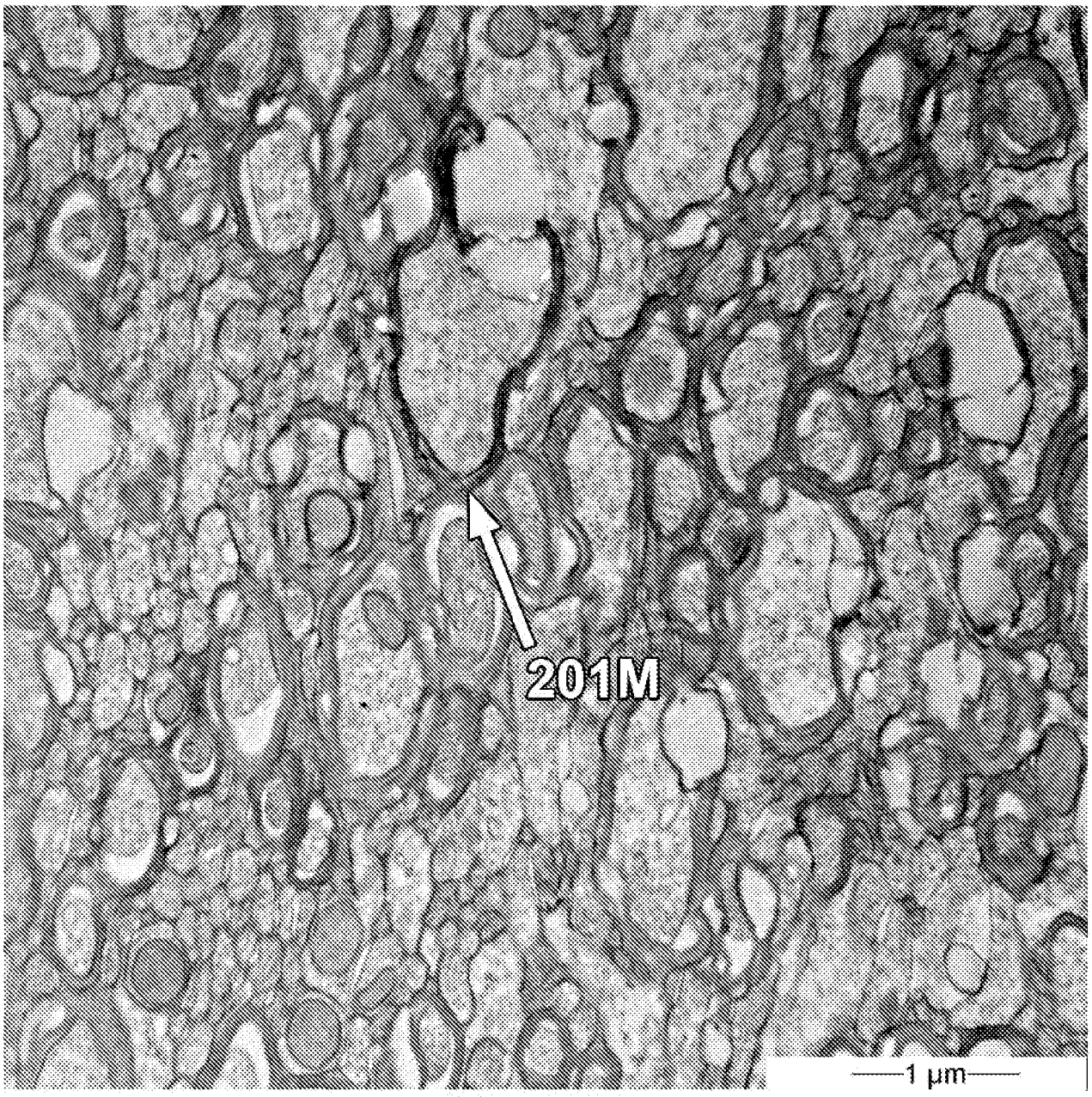



FIG. 39D

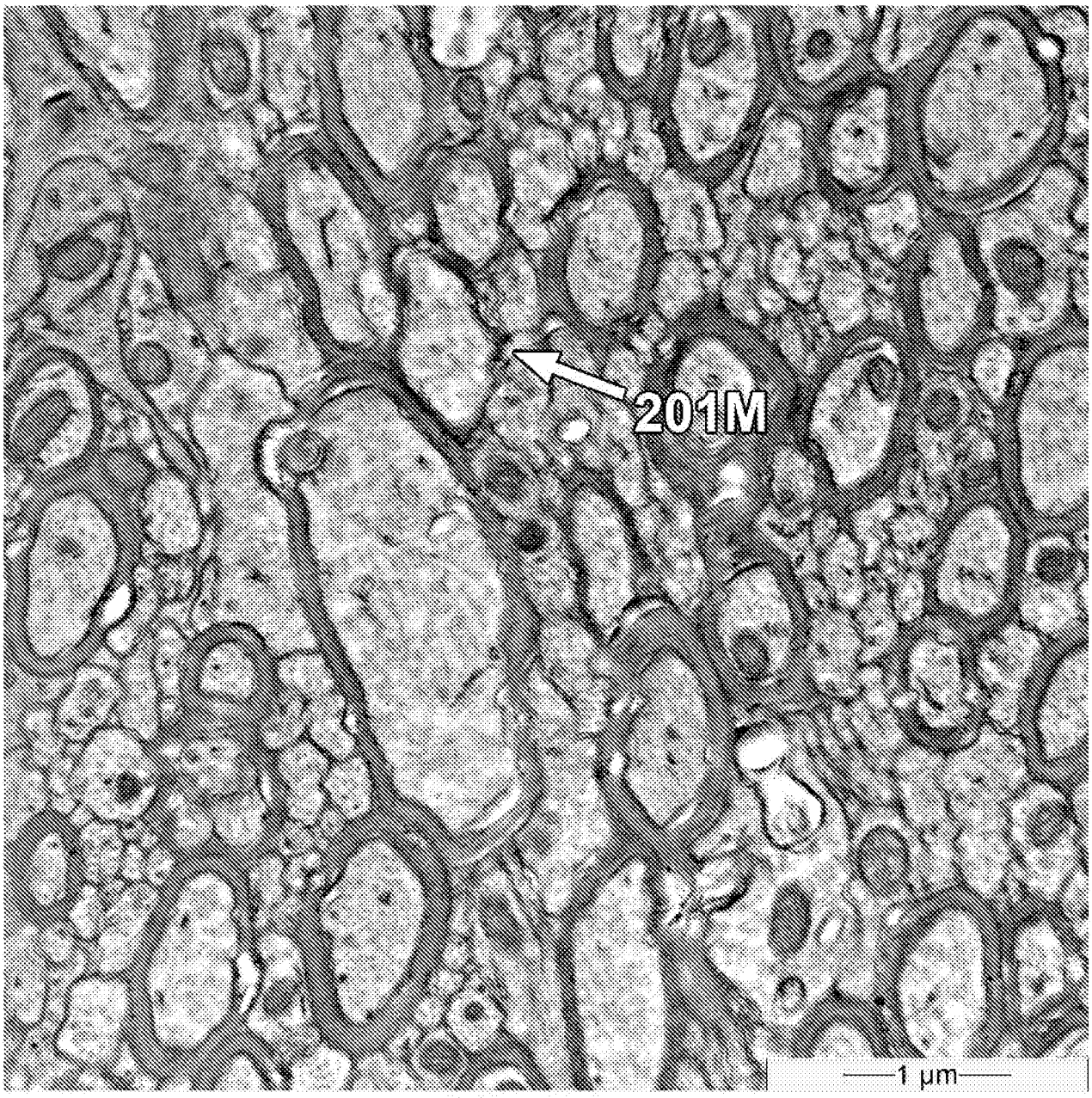



FIG. 39E

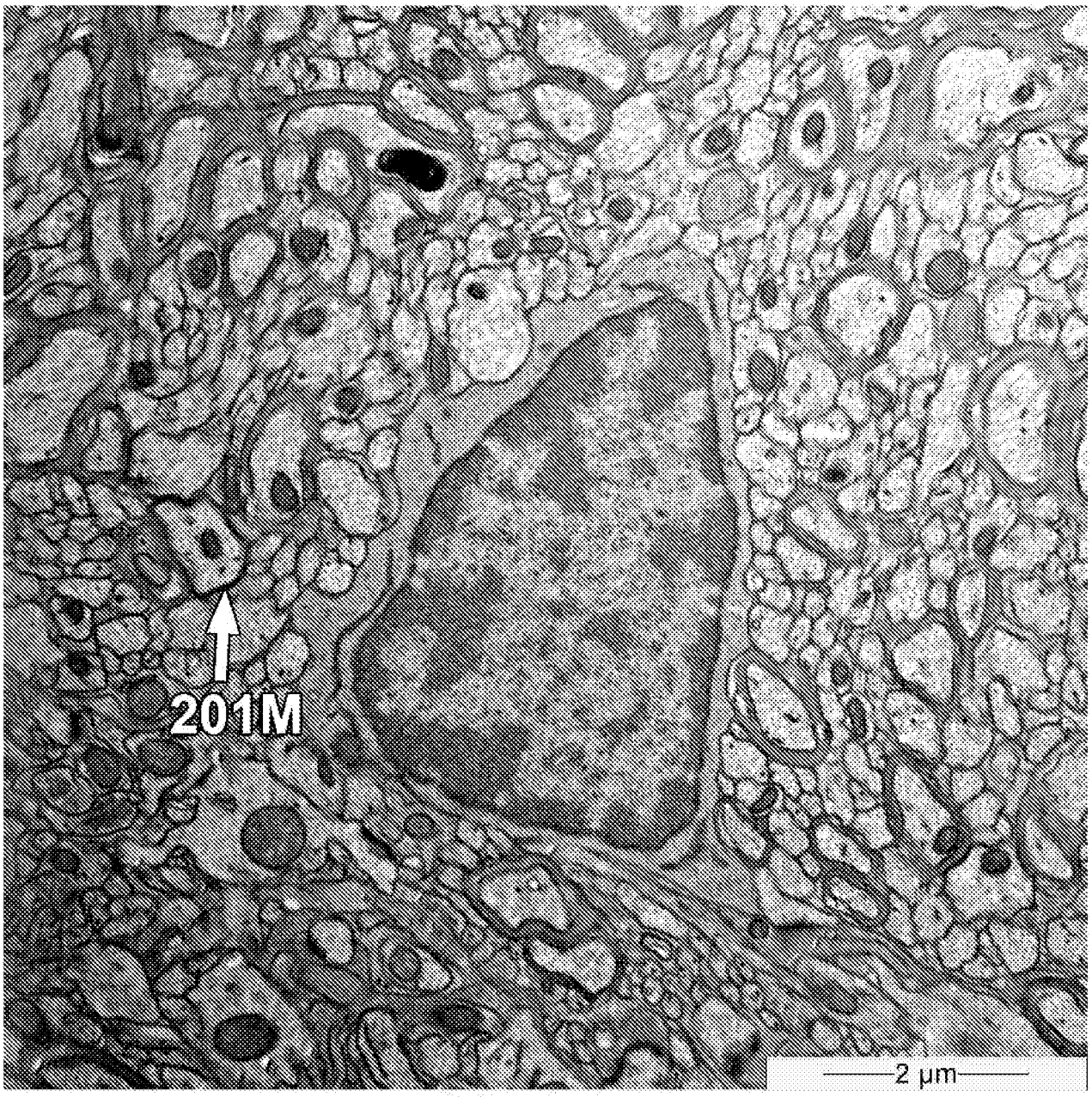



FIG. 39F

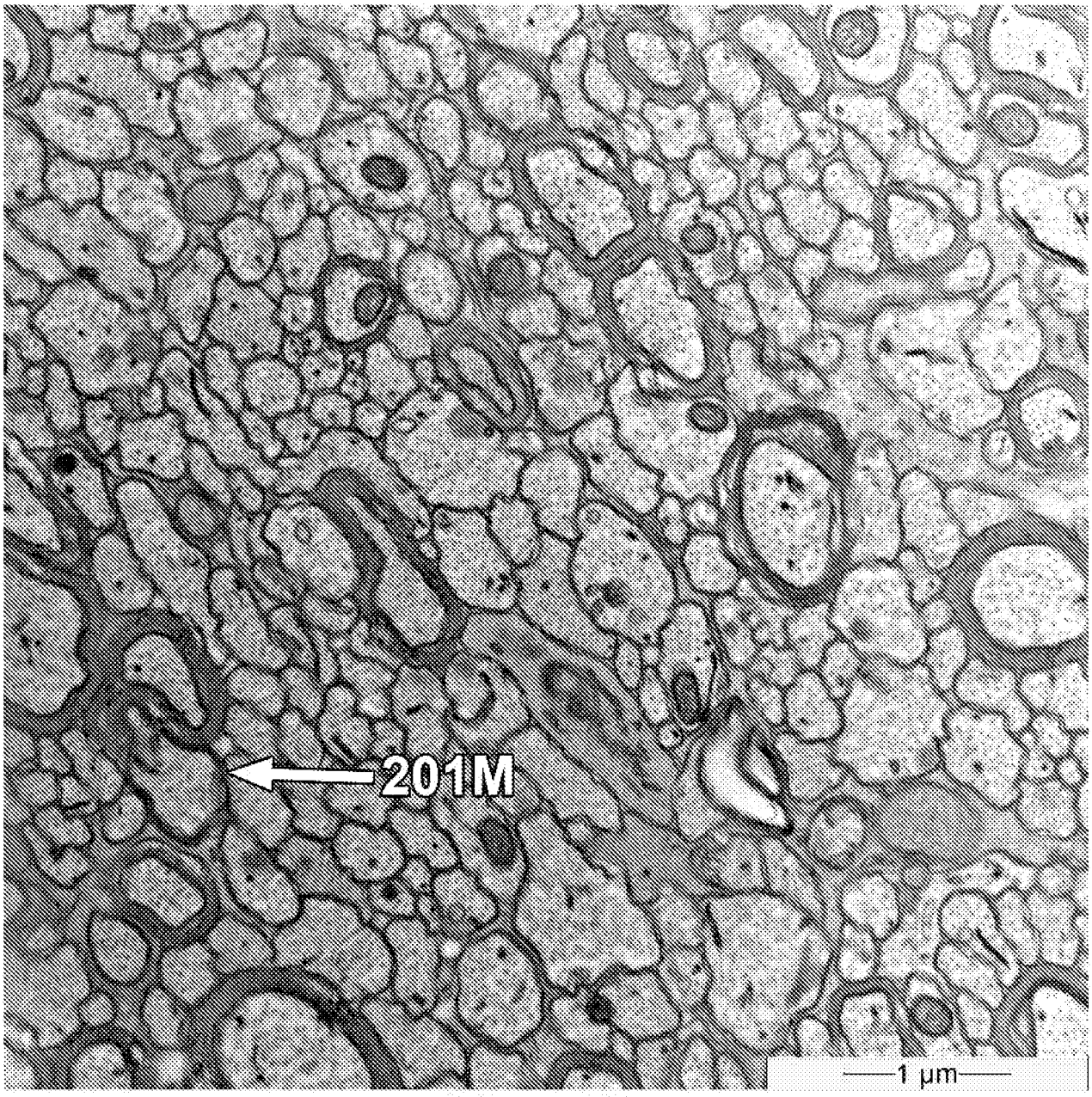



FIG. 39G

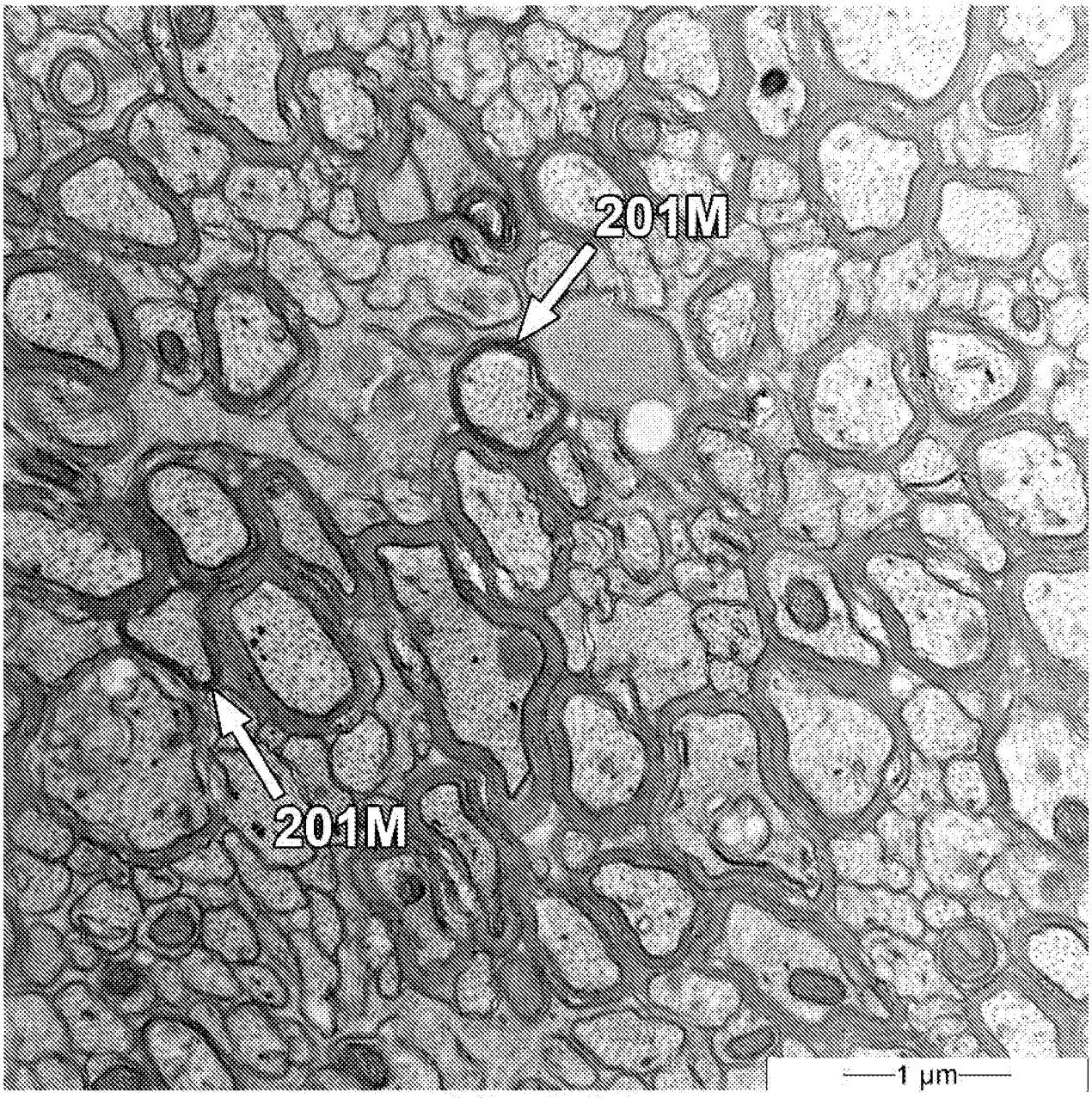



FIG. 39H

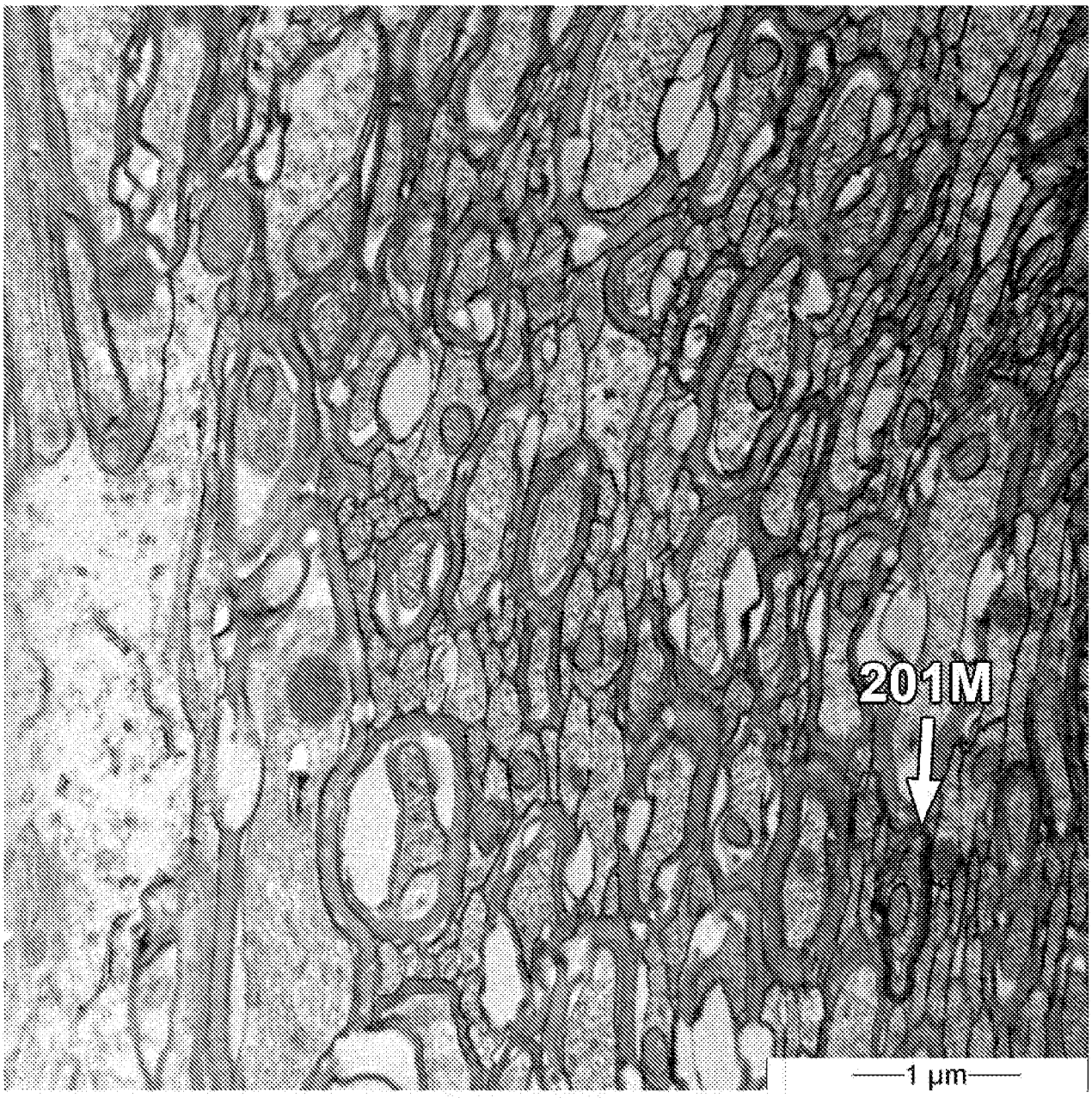



FIG. 39I

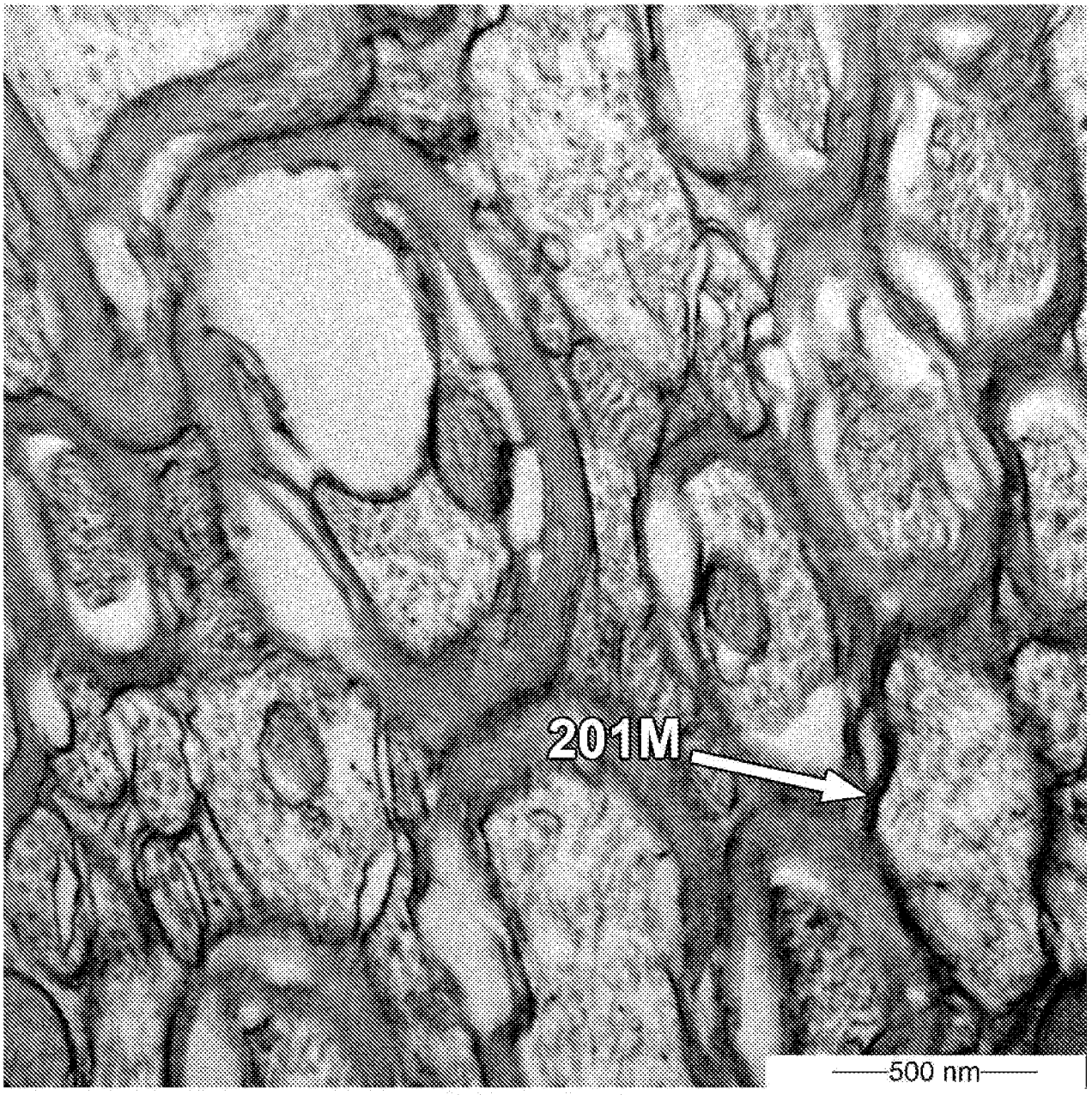



FIG. 39J

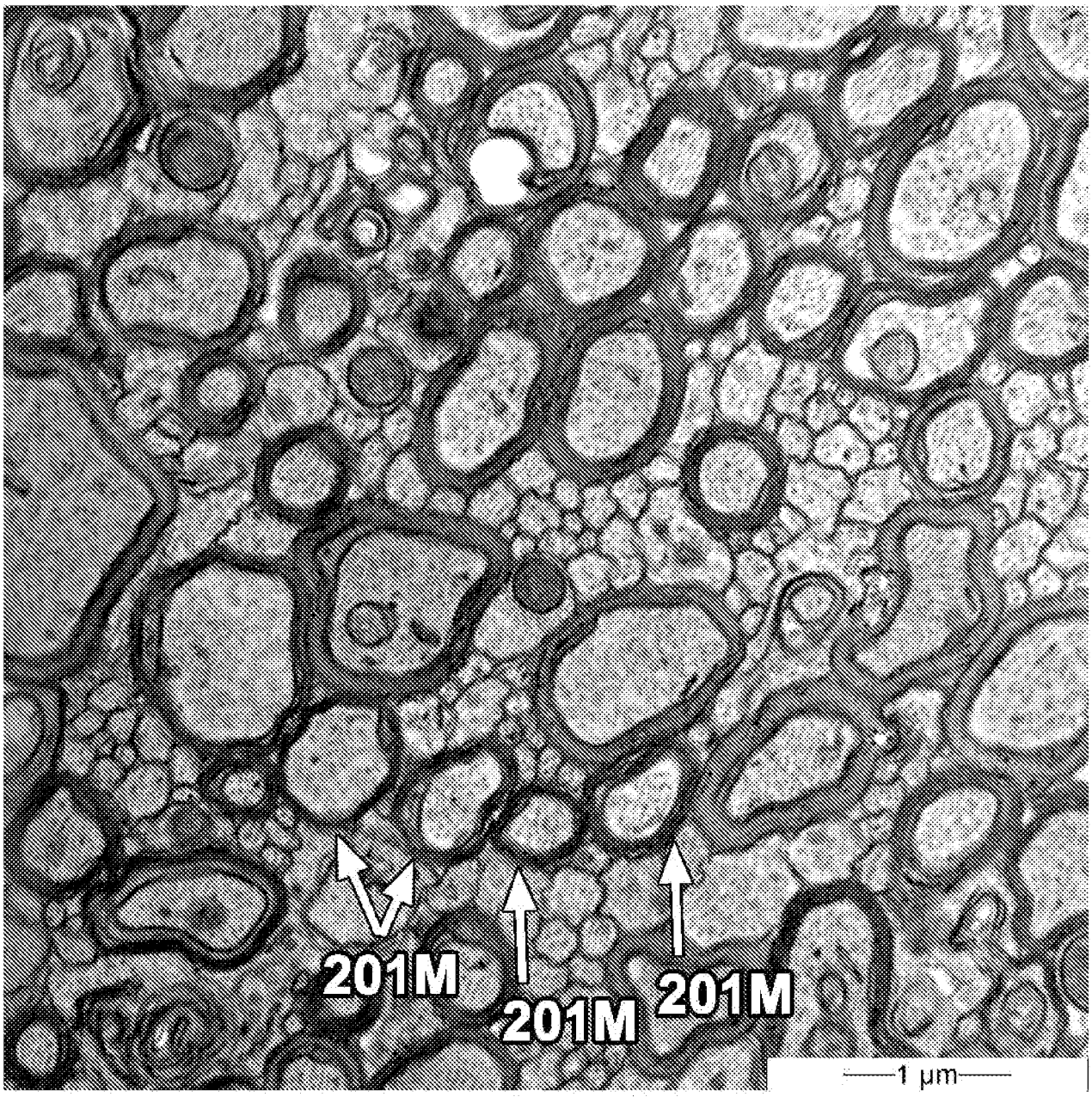



FIG. 40A

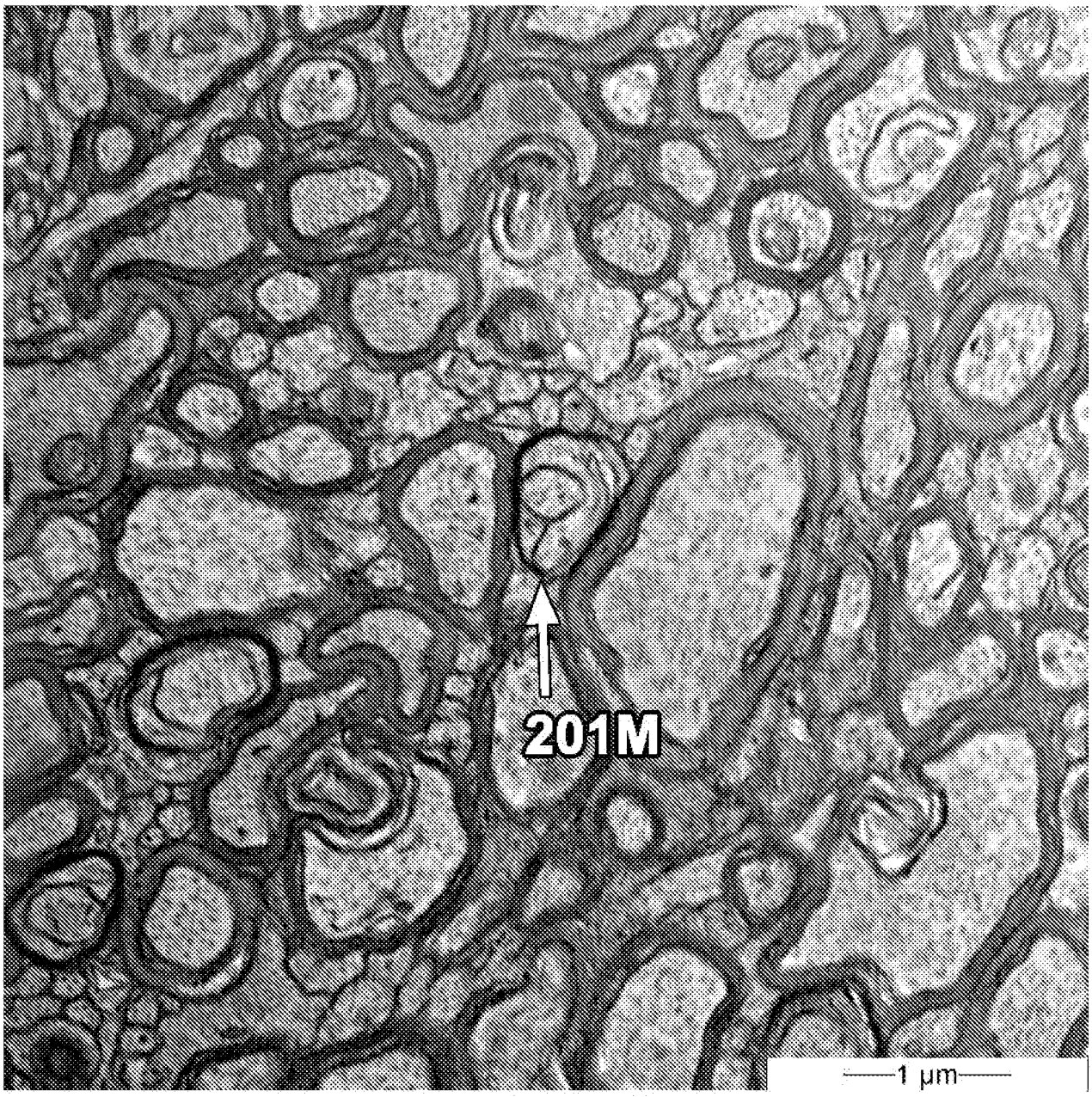



FIG. 40B

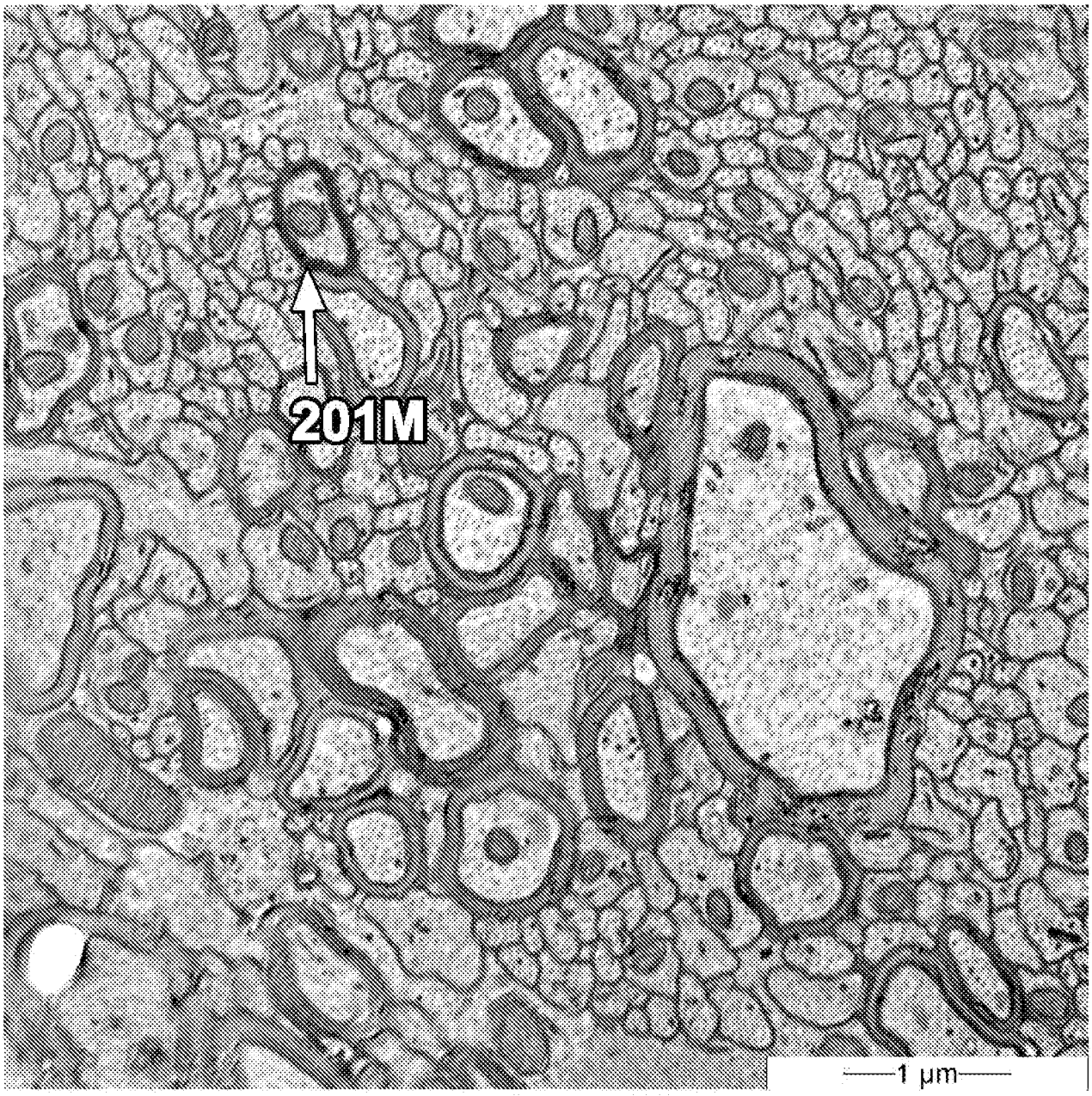



FIG. 40C

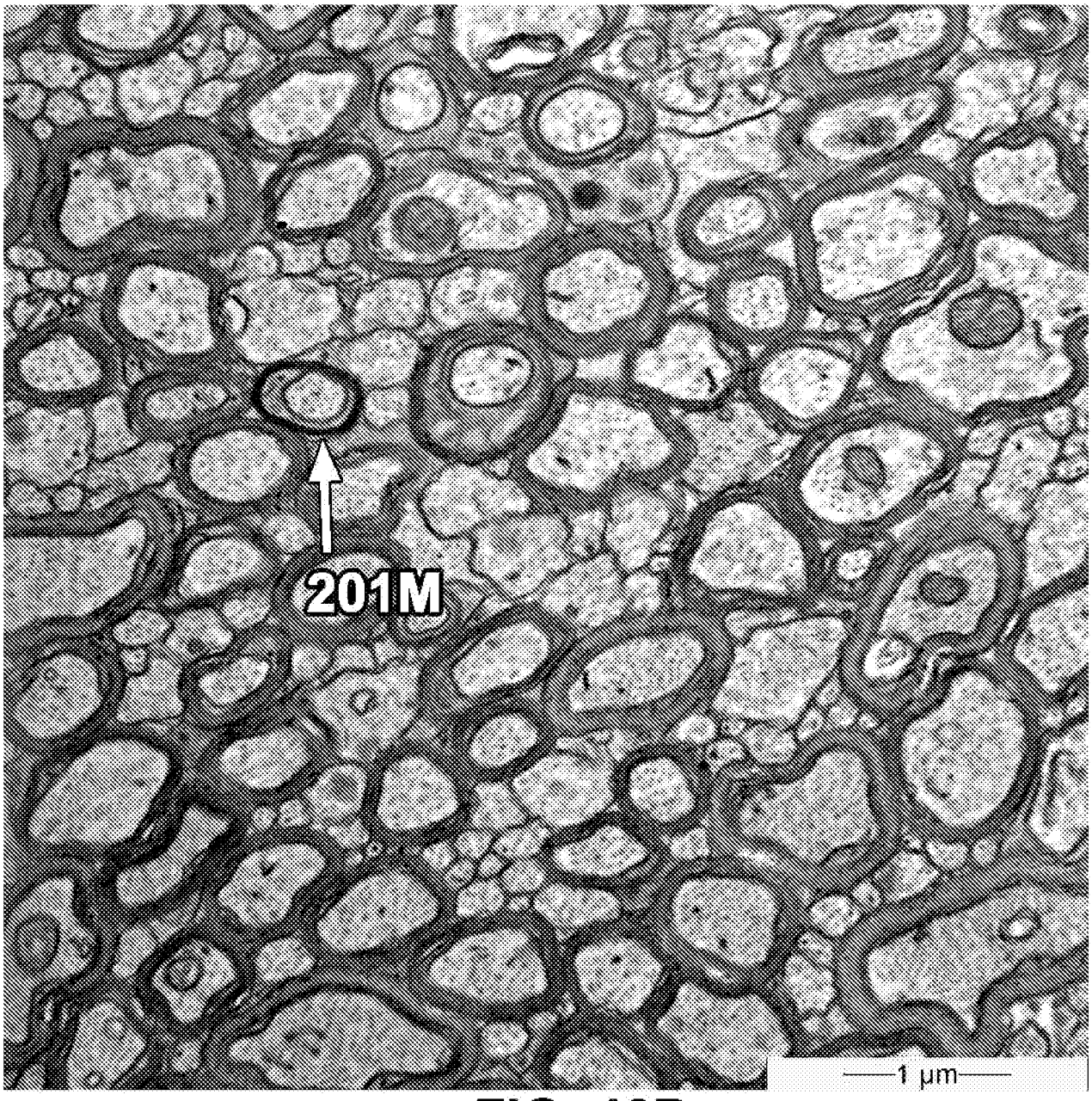



FIG. 40D

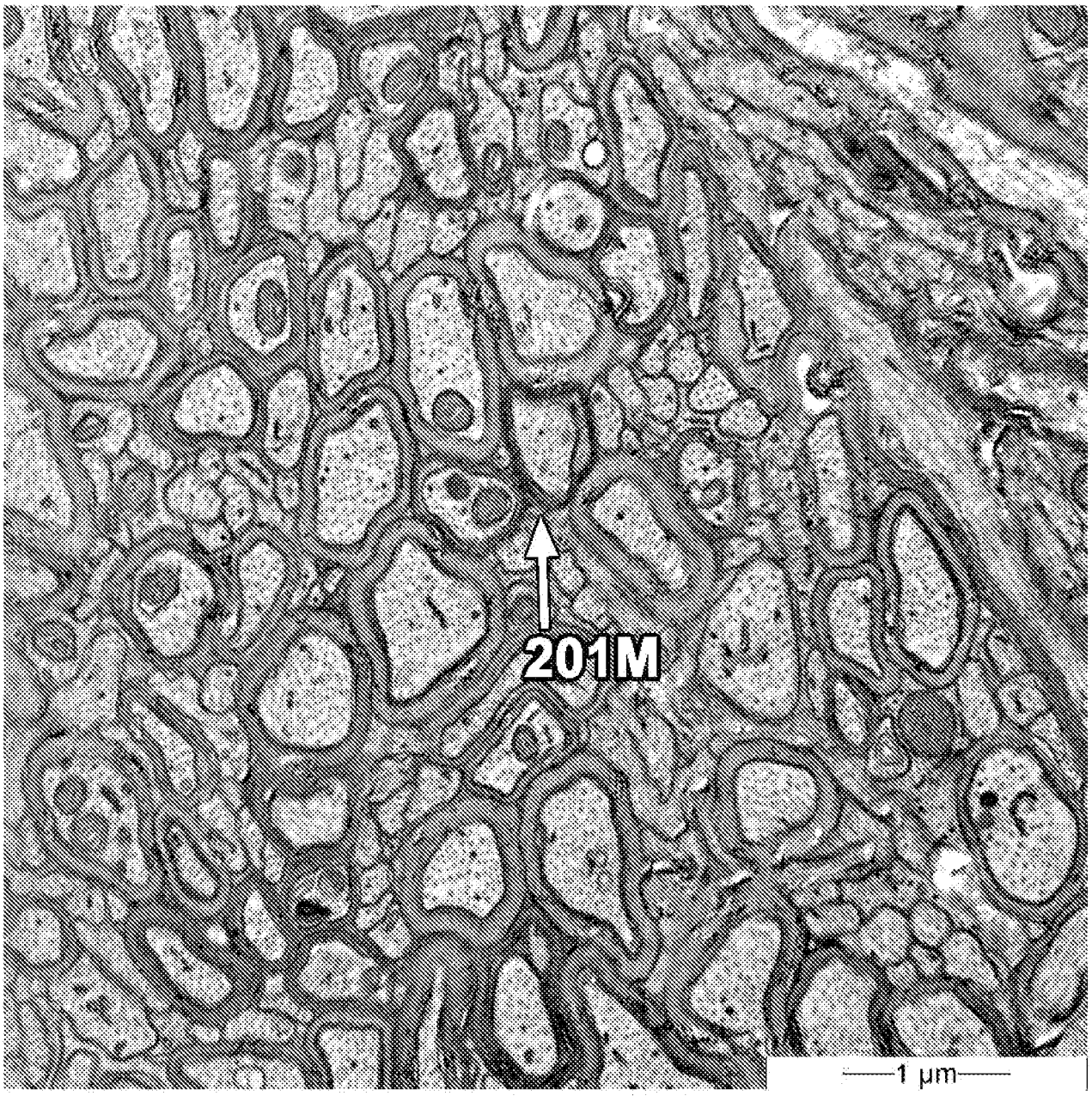



FIG. 40E

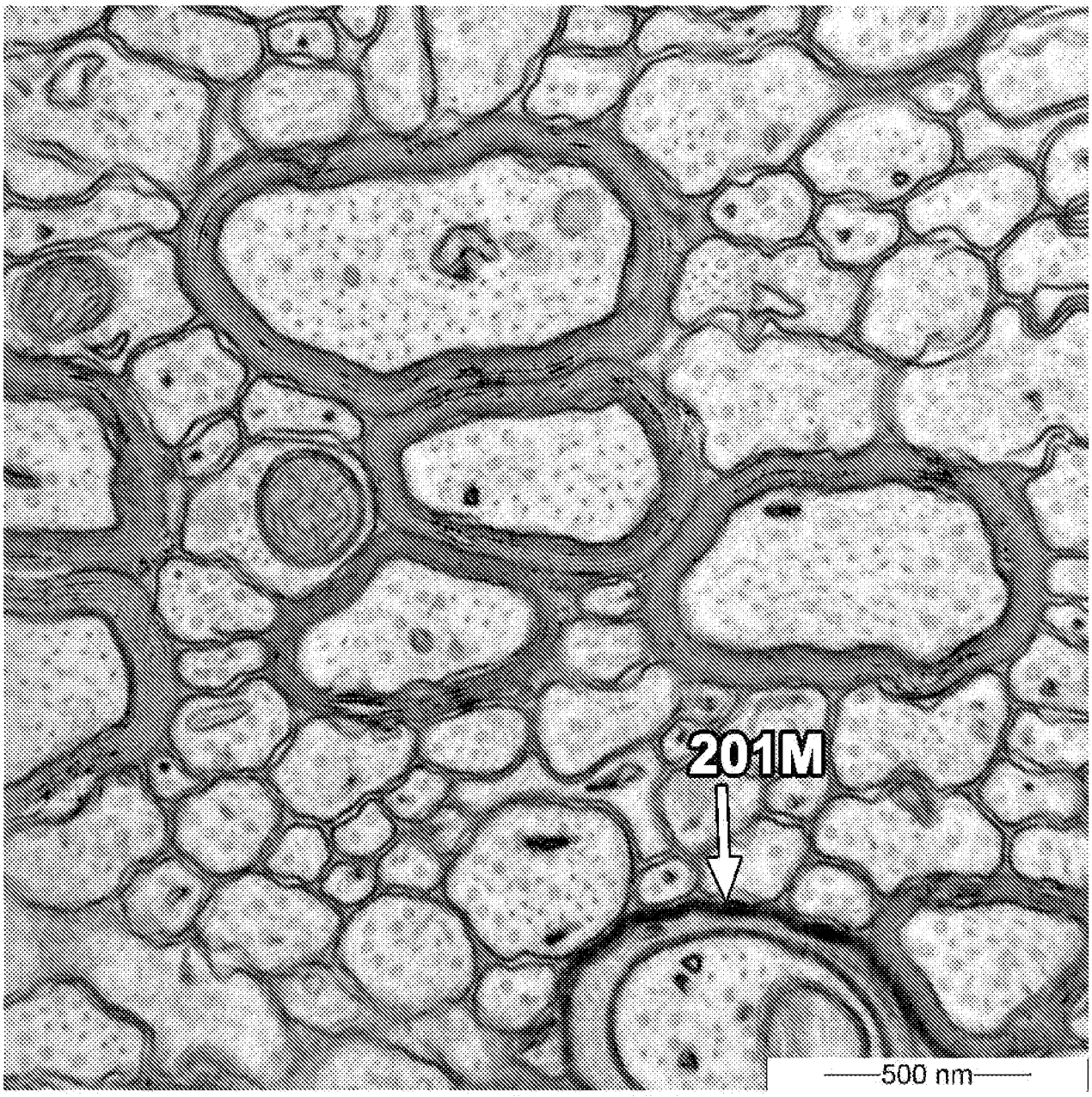



FIG. 40F

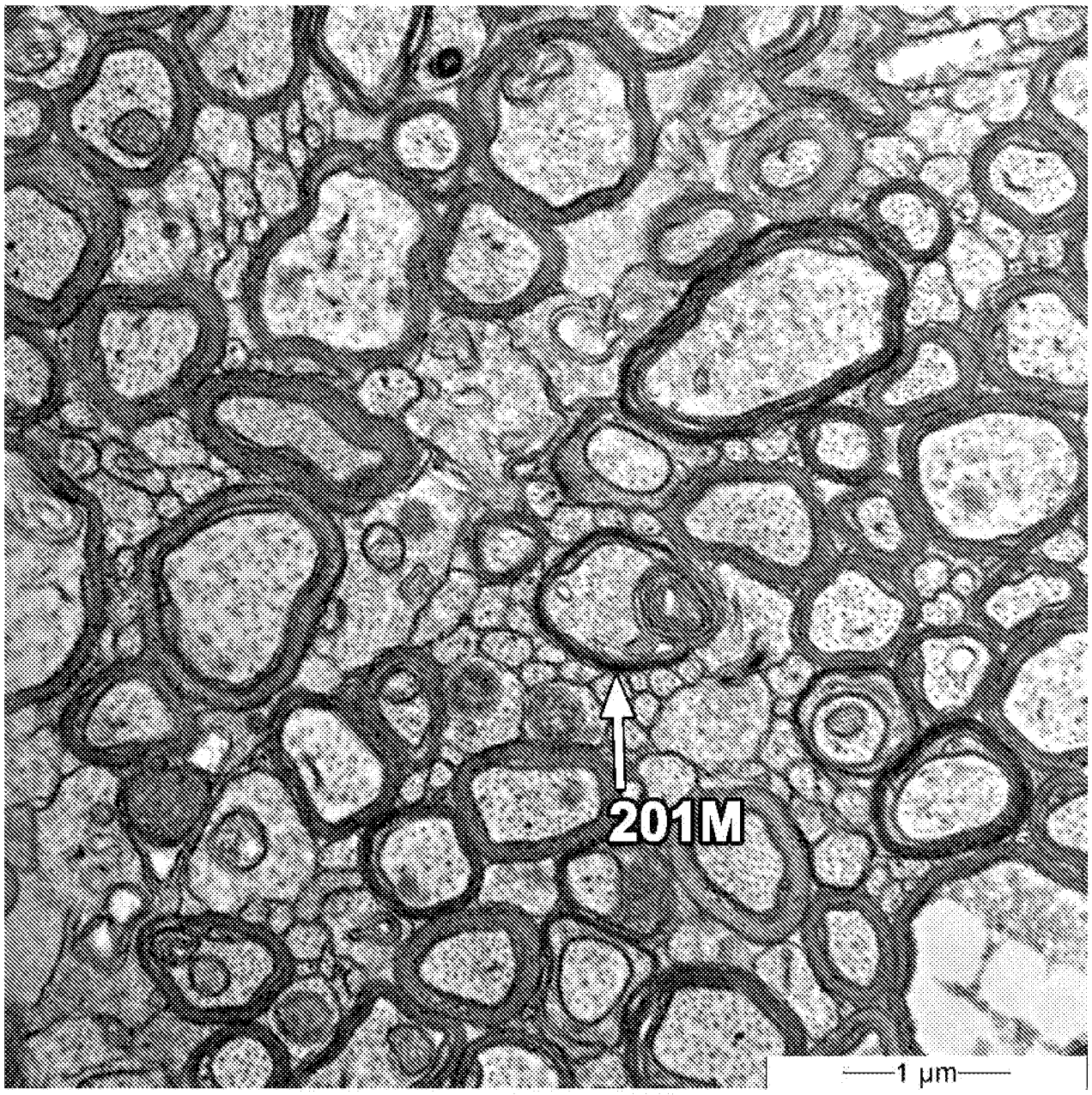



FIG. 40G

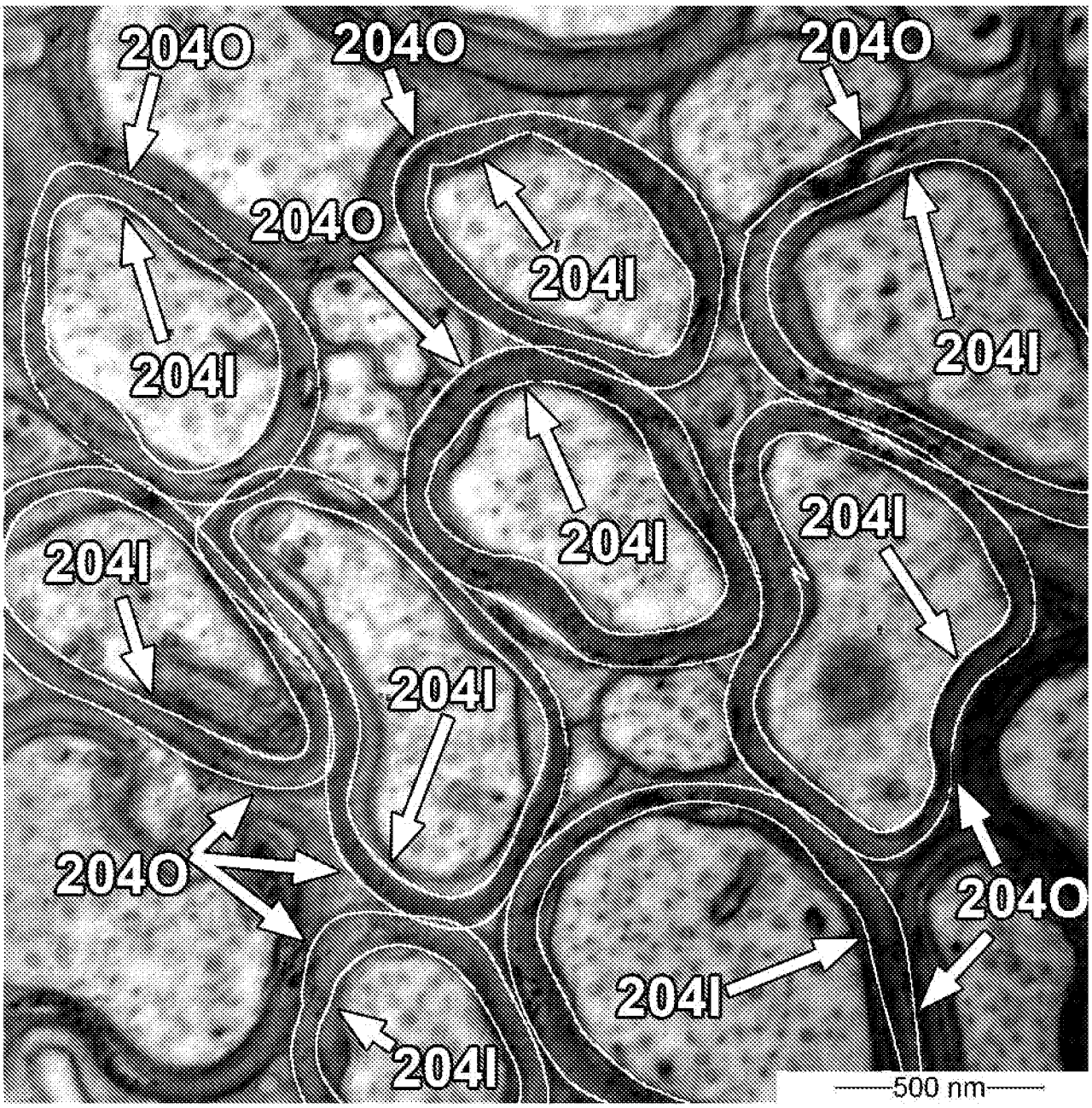

204O
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500 nm

FIG. 41A

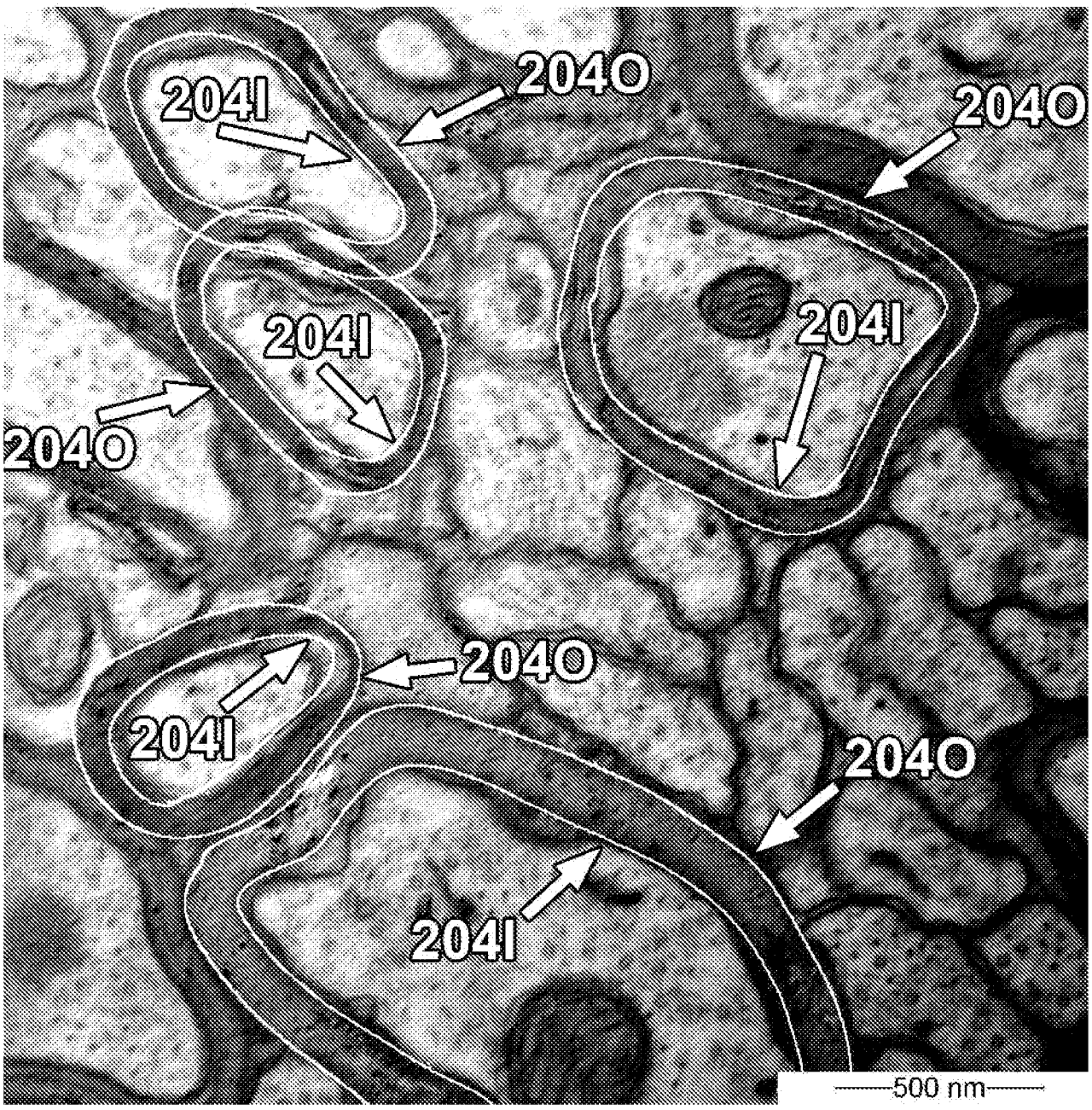



FIG. 41B

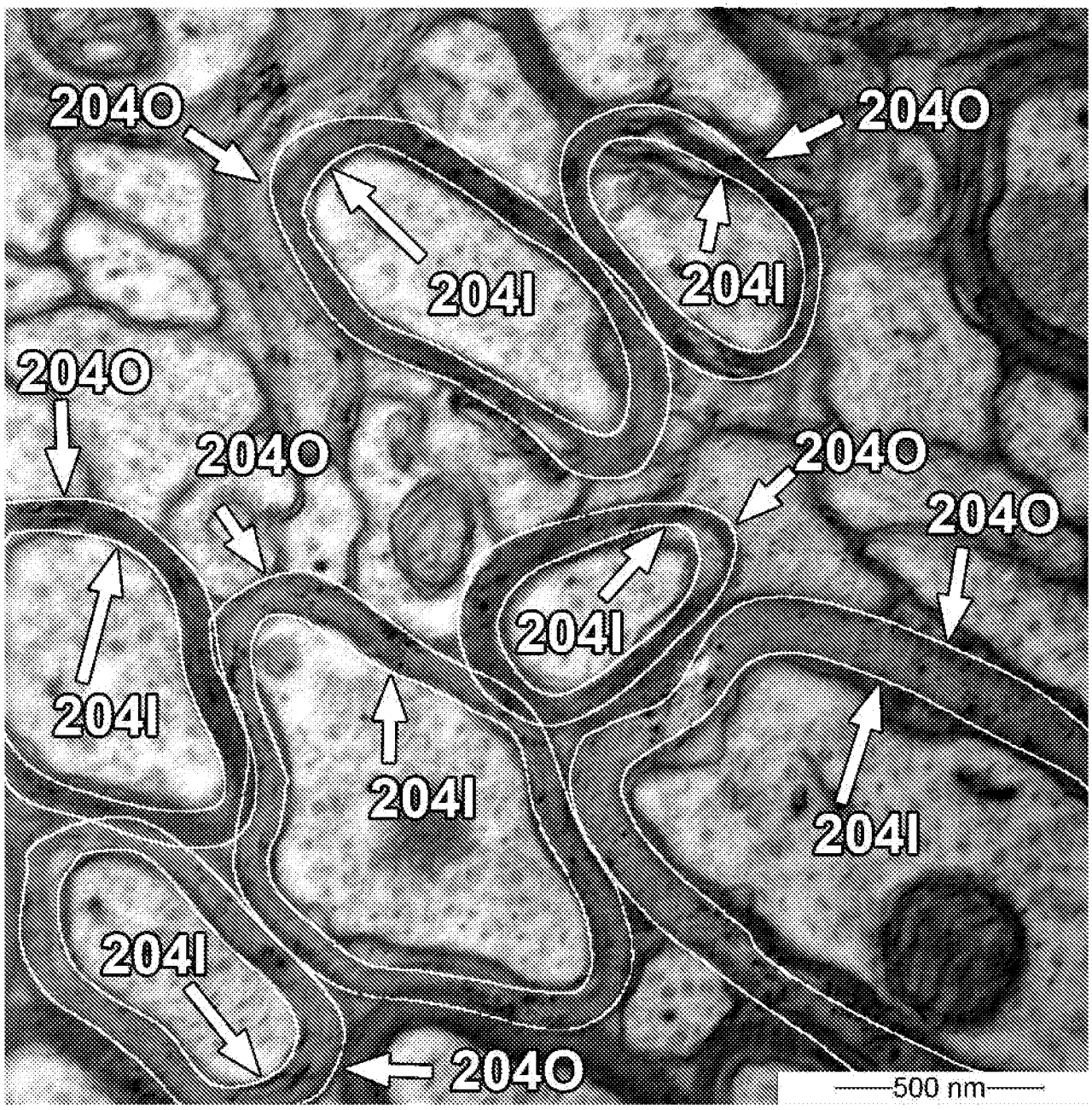

204O
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204I
204O
500 nm

FIG. 41C

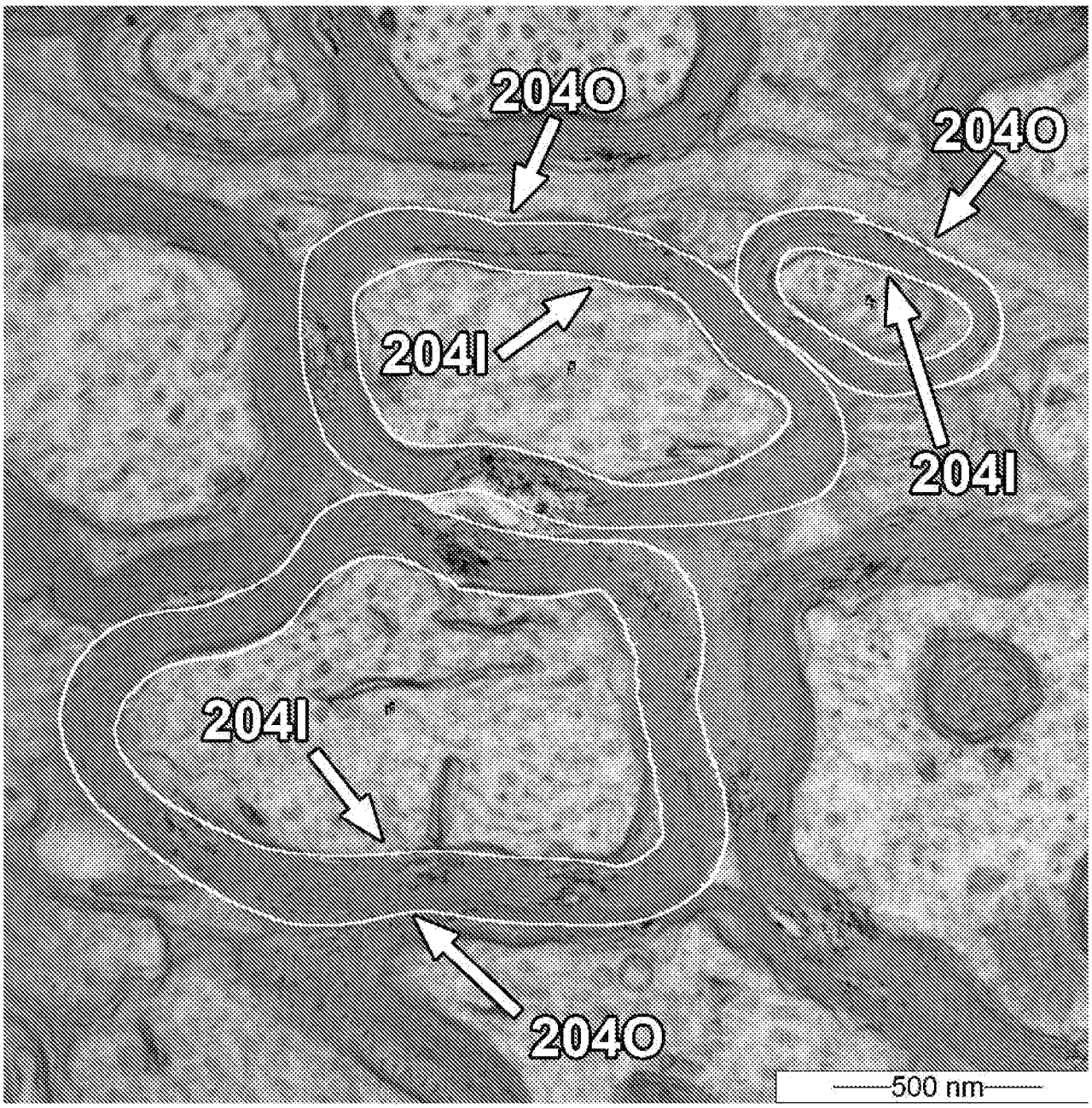



FIG. 42A

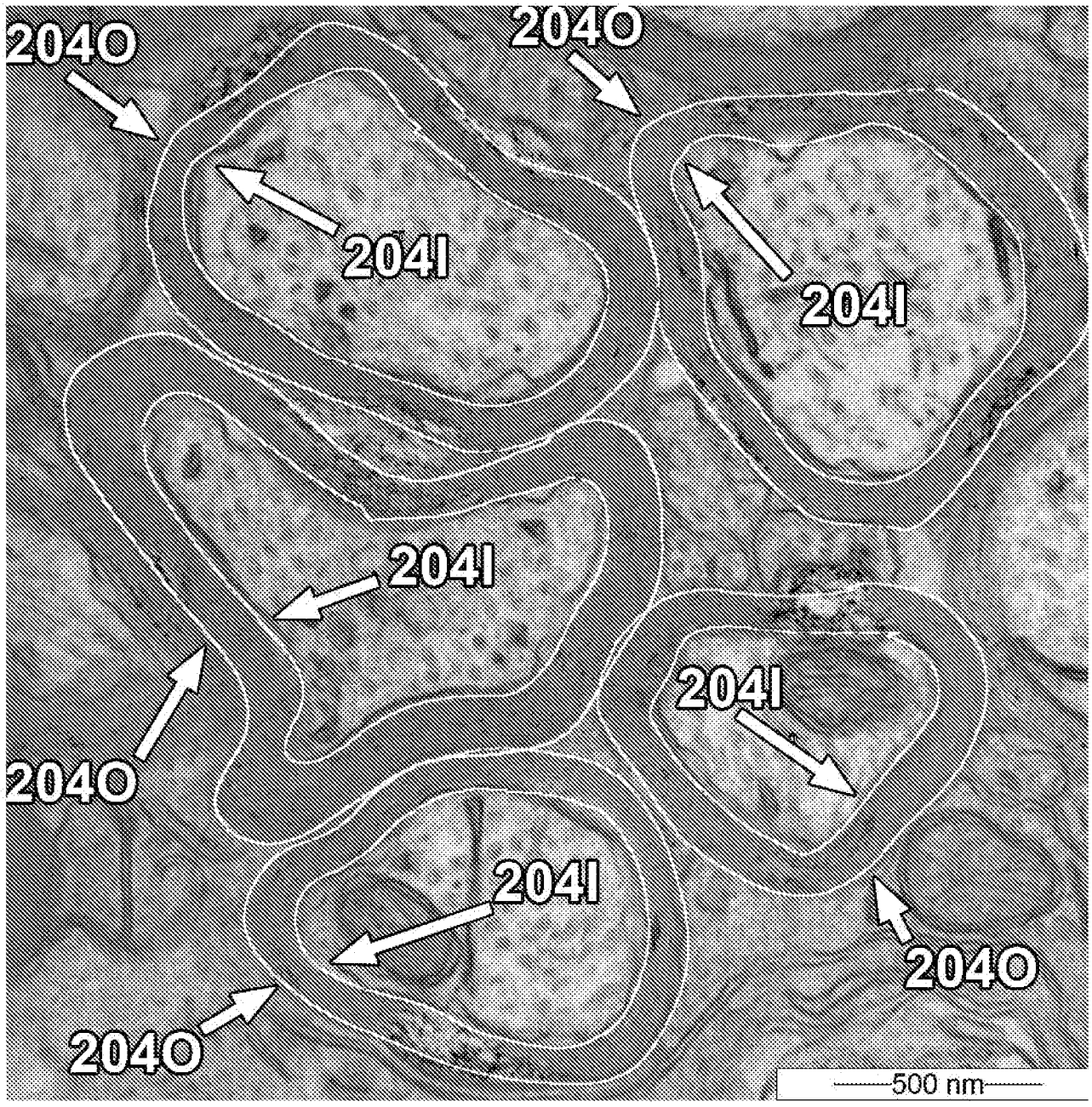



FIG. 42B

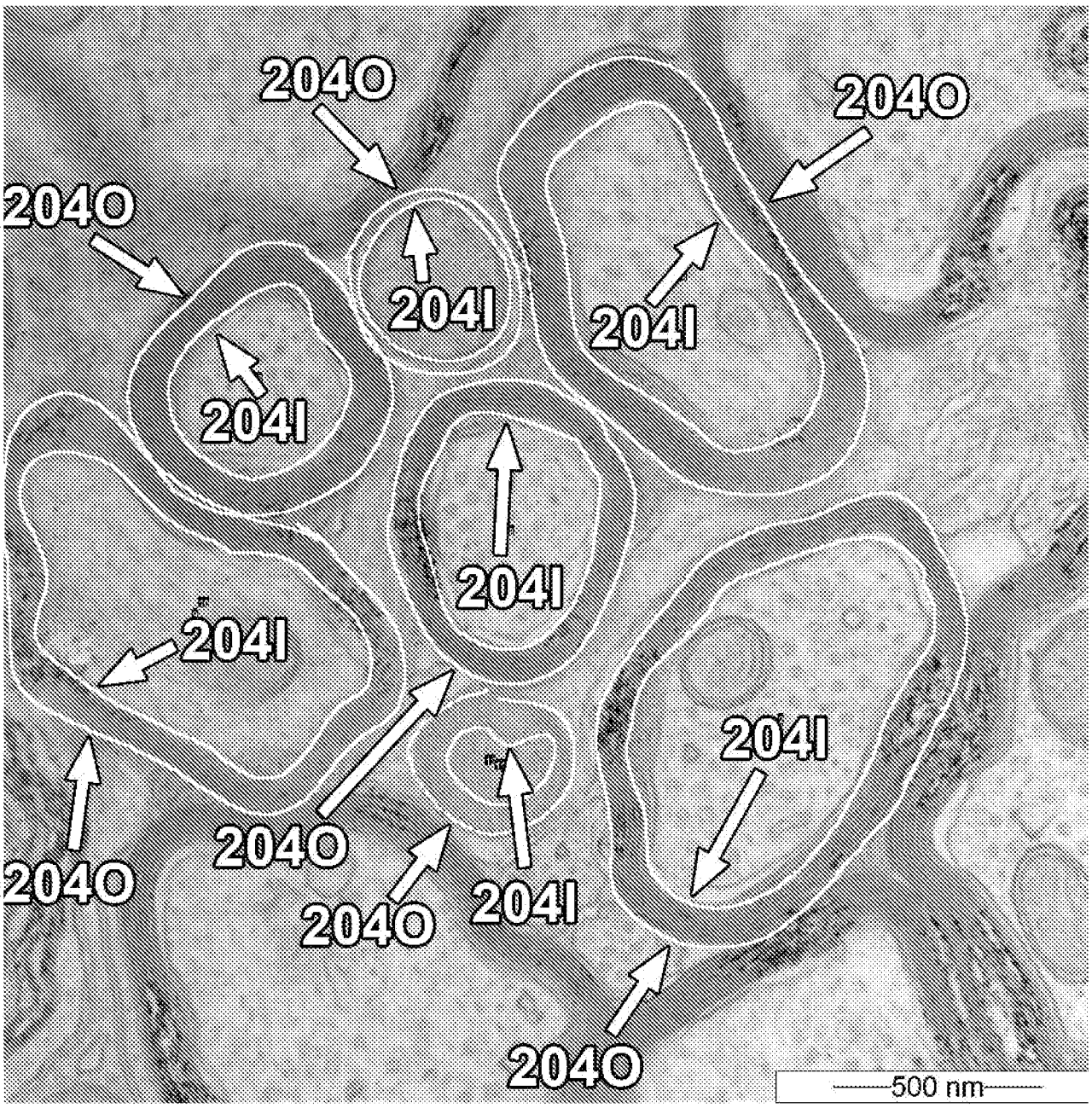

204O
204O
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204I
204I
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204I
204I
204O
204O
204O
204I
204O
204I
500 nm

FIG. 42C

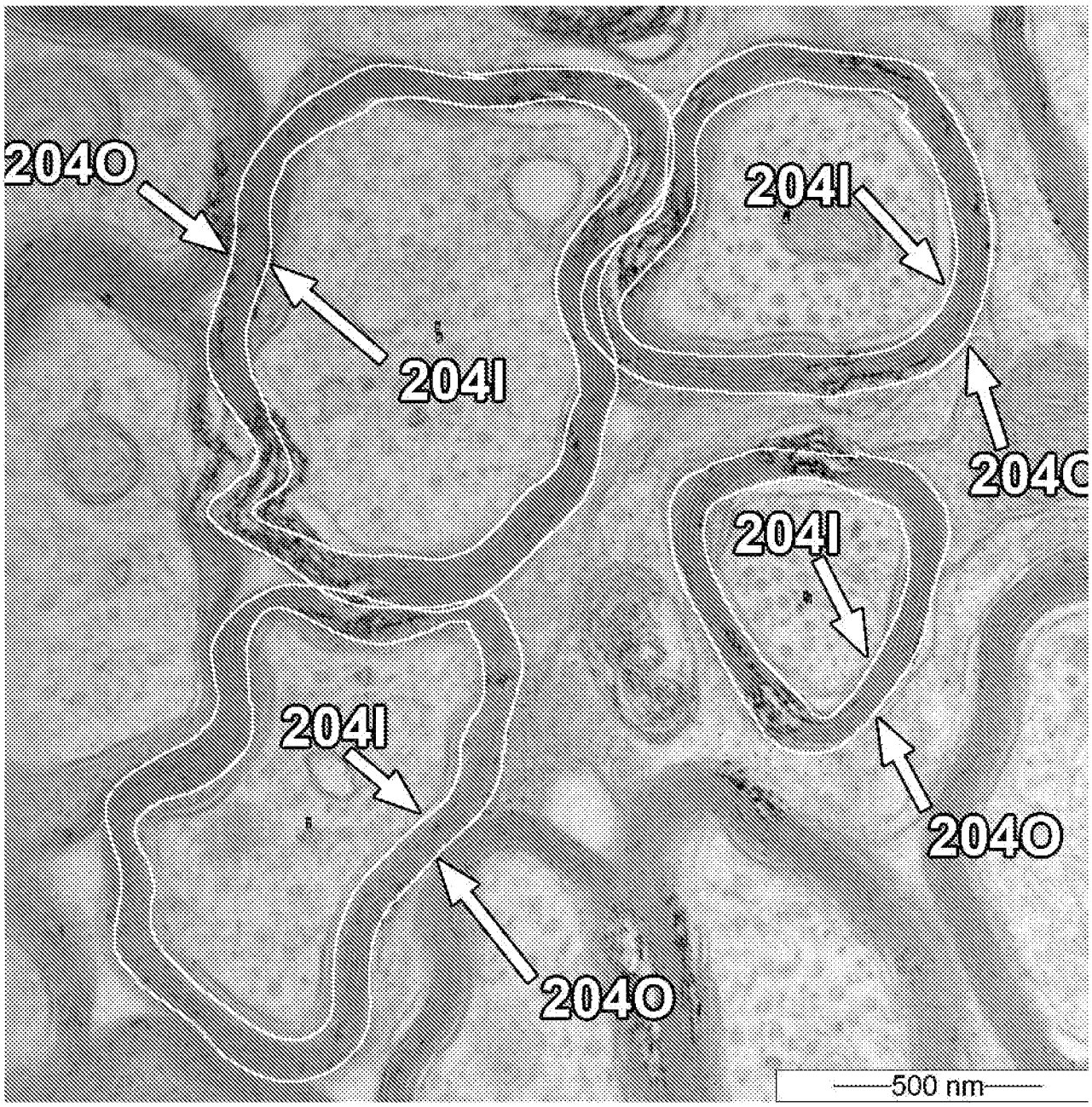



FIG. 42D

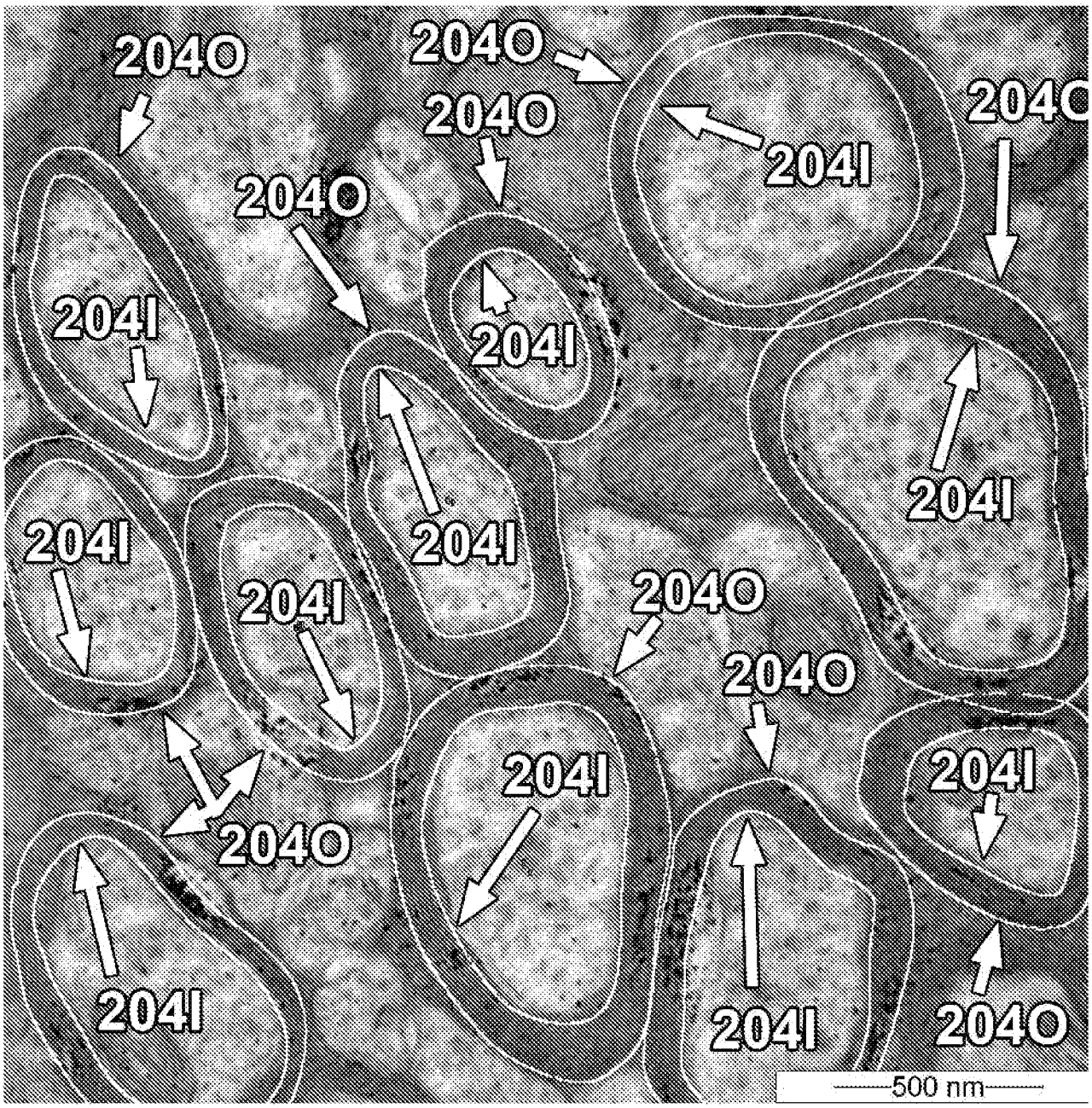

204O
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204O
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204I
204O
204I
204I
204O
204I
204O
500 nm

FIG. 43A

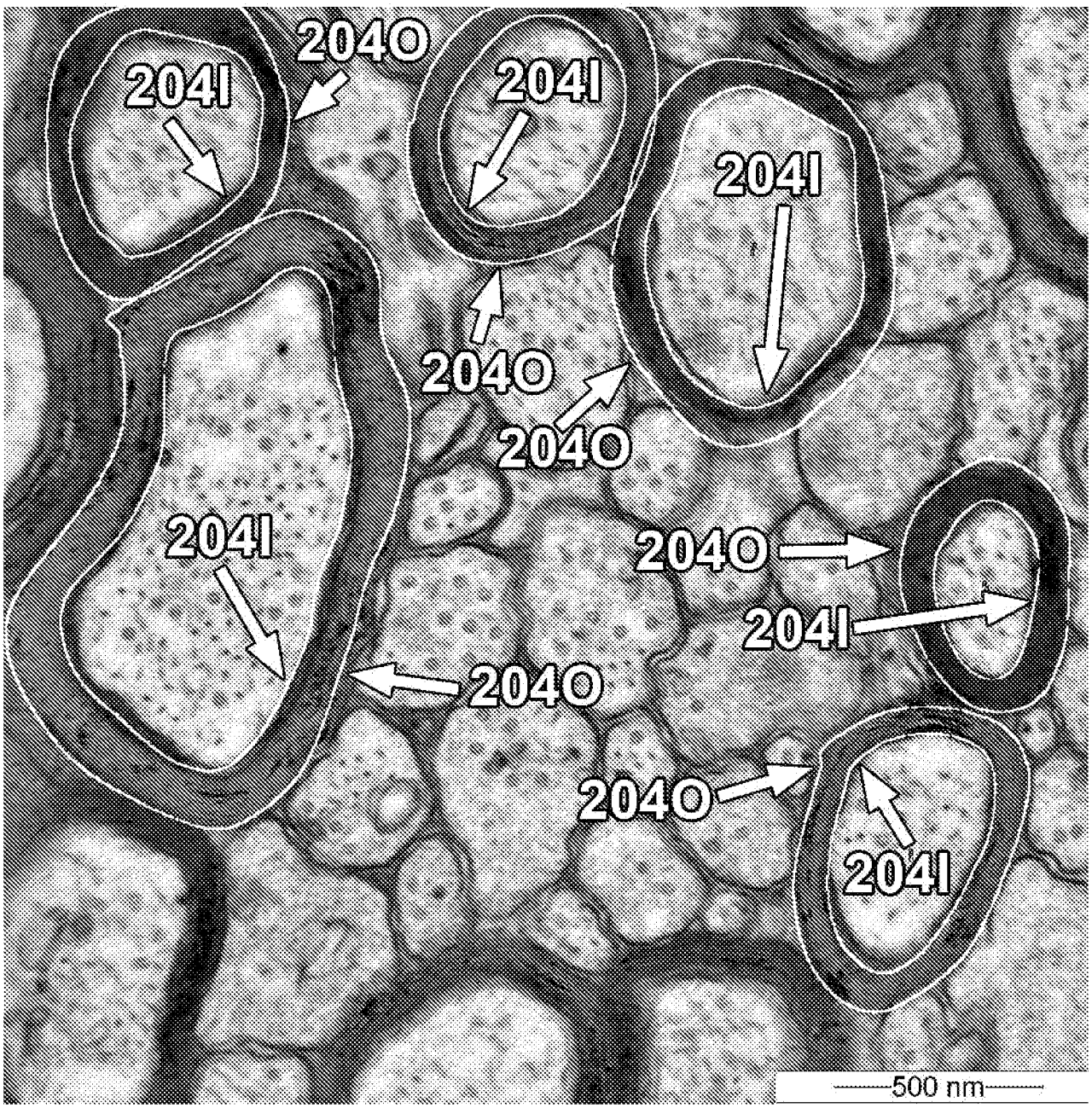

204O
204I
204I
204I
204O
204O
204I
204O
204O
204I
204O
204I
500 nm

FIG. 43B

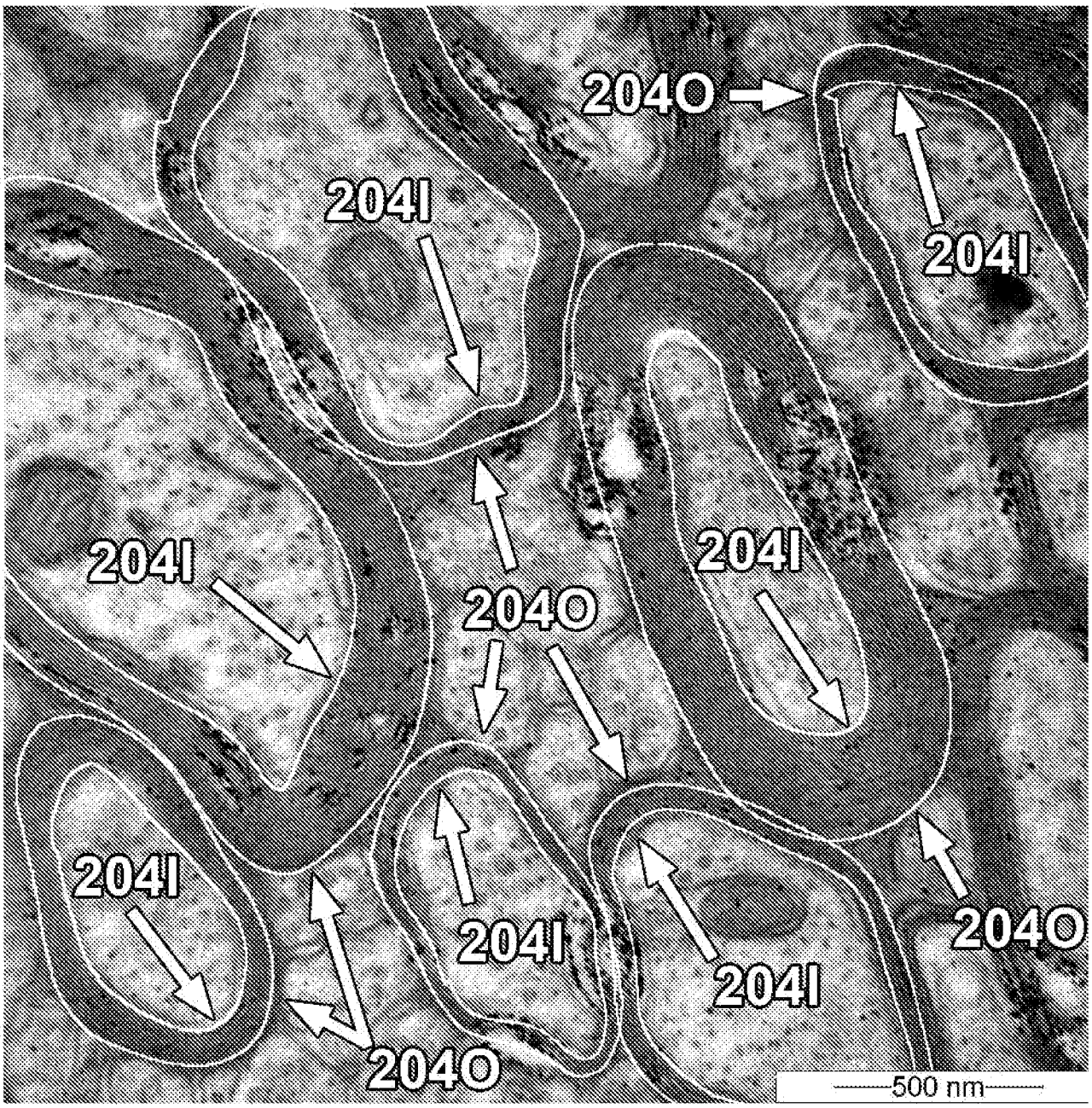



FIG. 43C

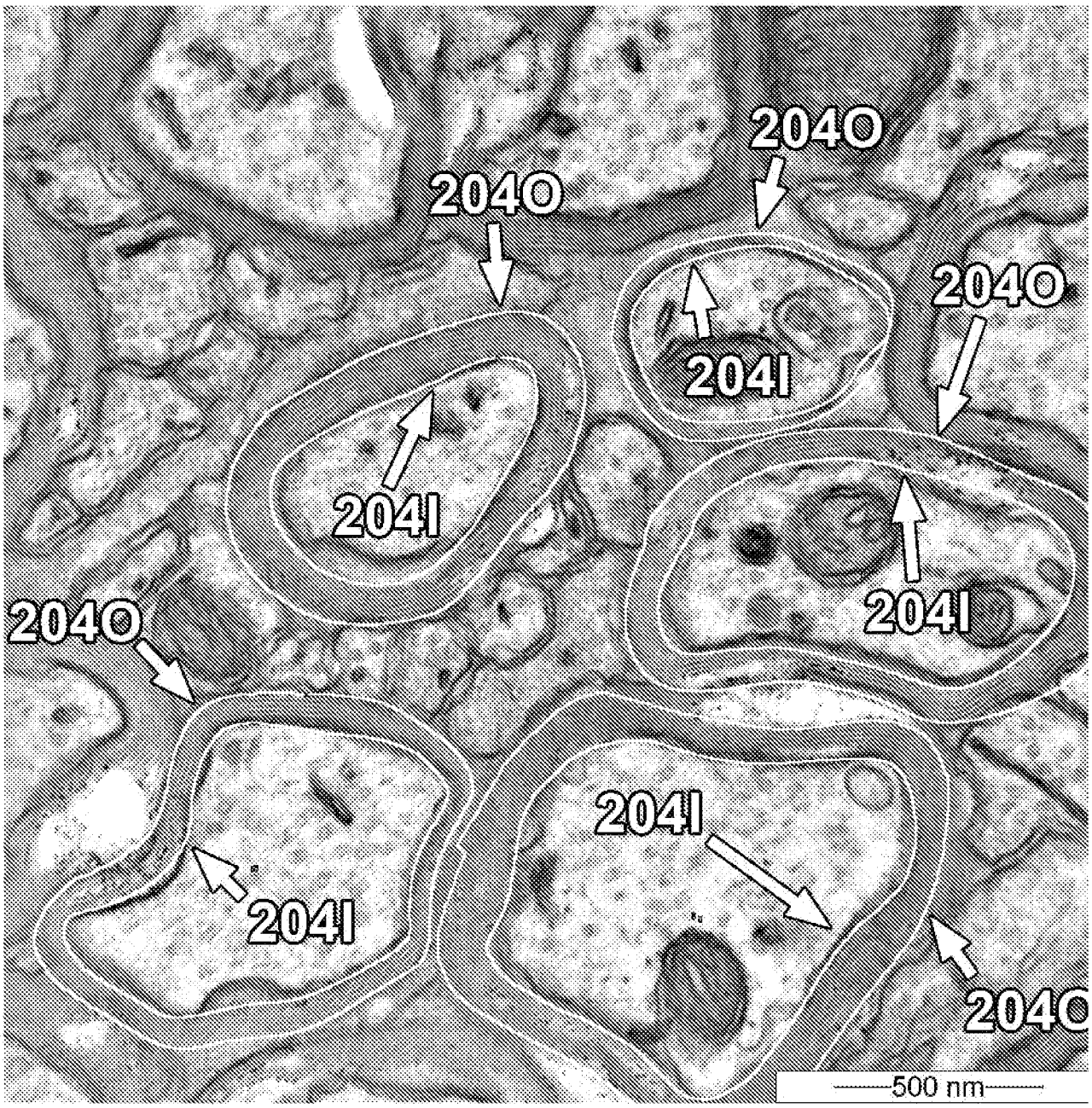



FIG. 44A

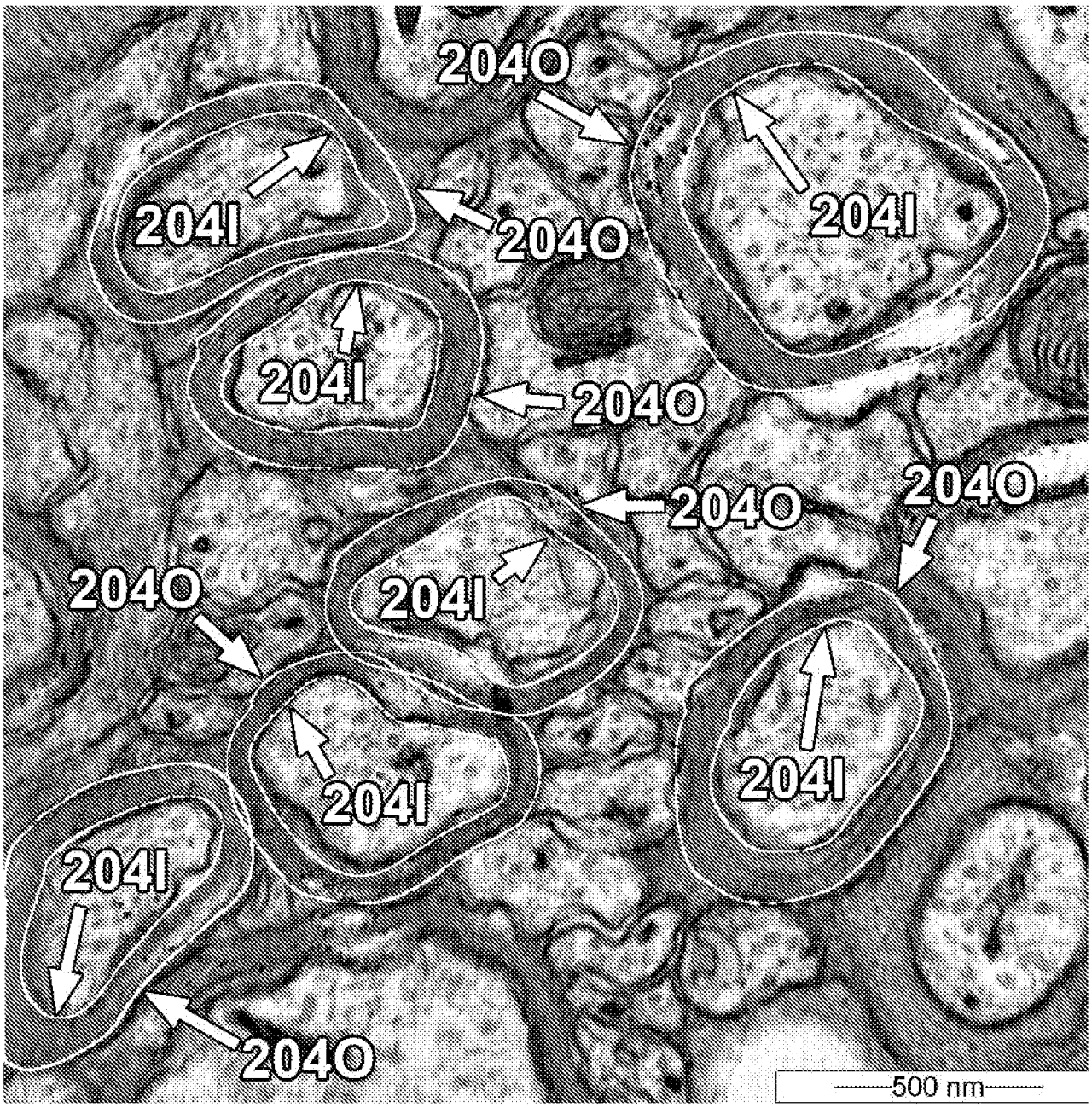

204O
204I
204O
204I
204I
204O
204O
204O
204O
204I
204I
204I
204I
204O
500 nm

FIG. 44B

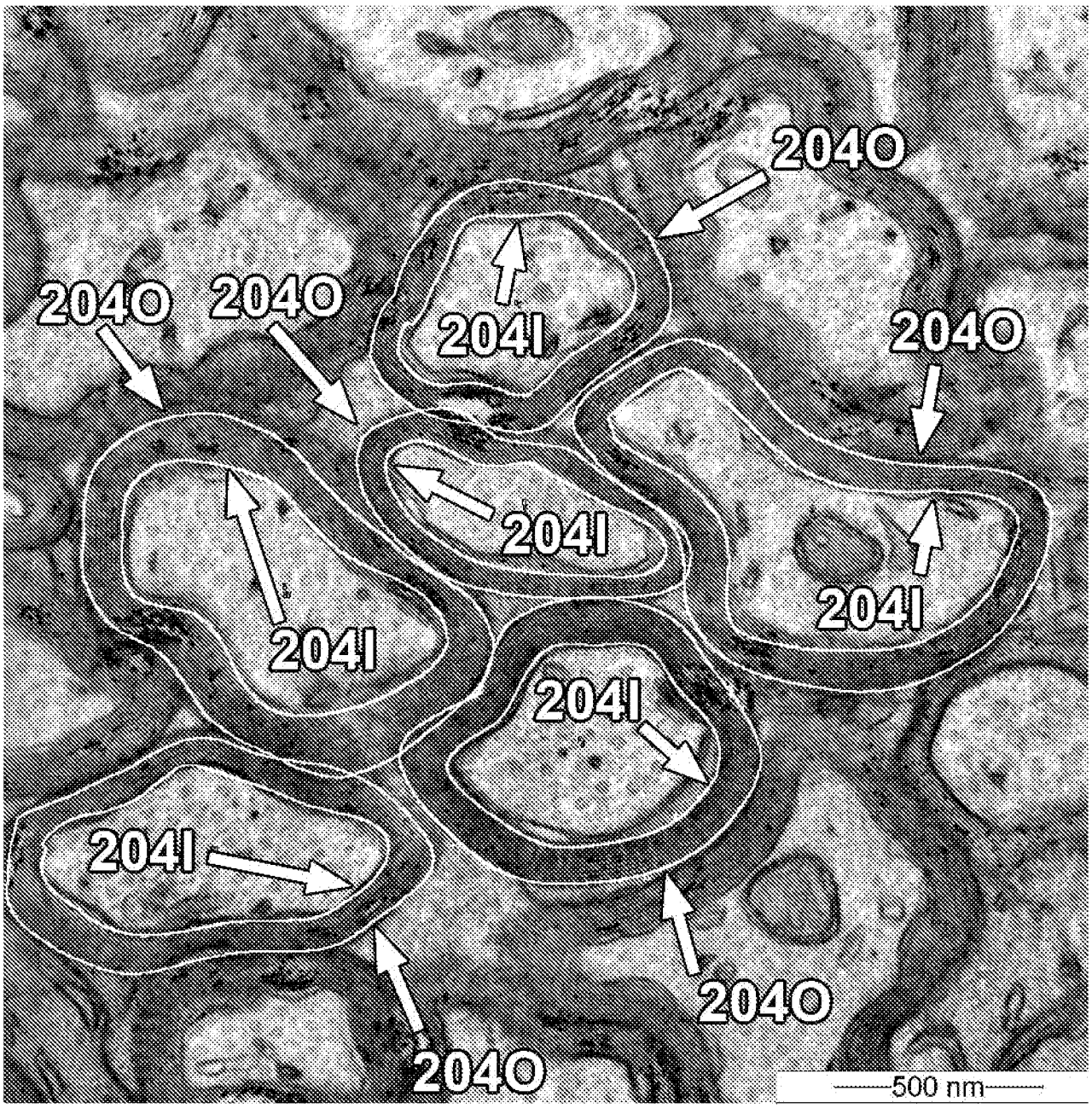

204O
204O
204O
204I
204O
204I
204I
204I
204I
204I
204O
204O
500 nm

FIG. 45A

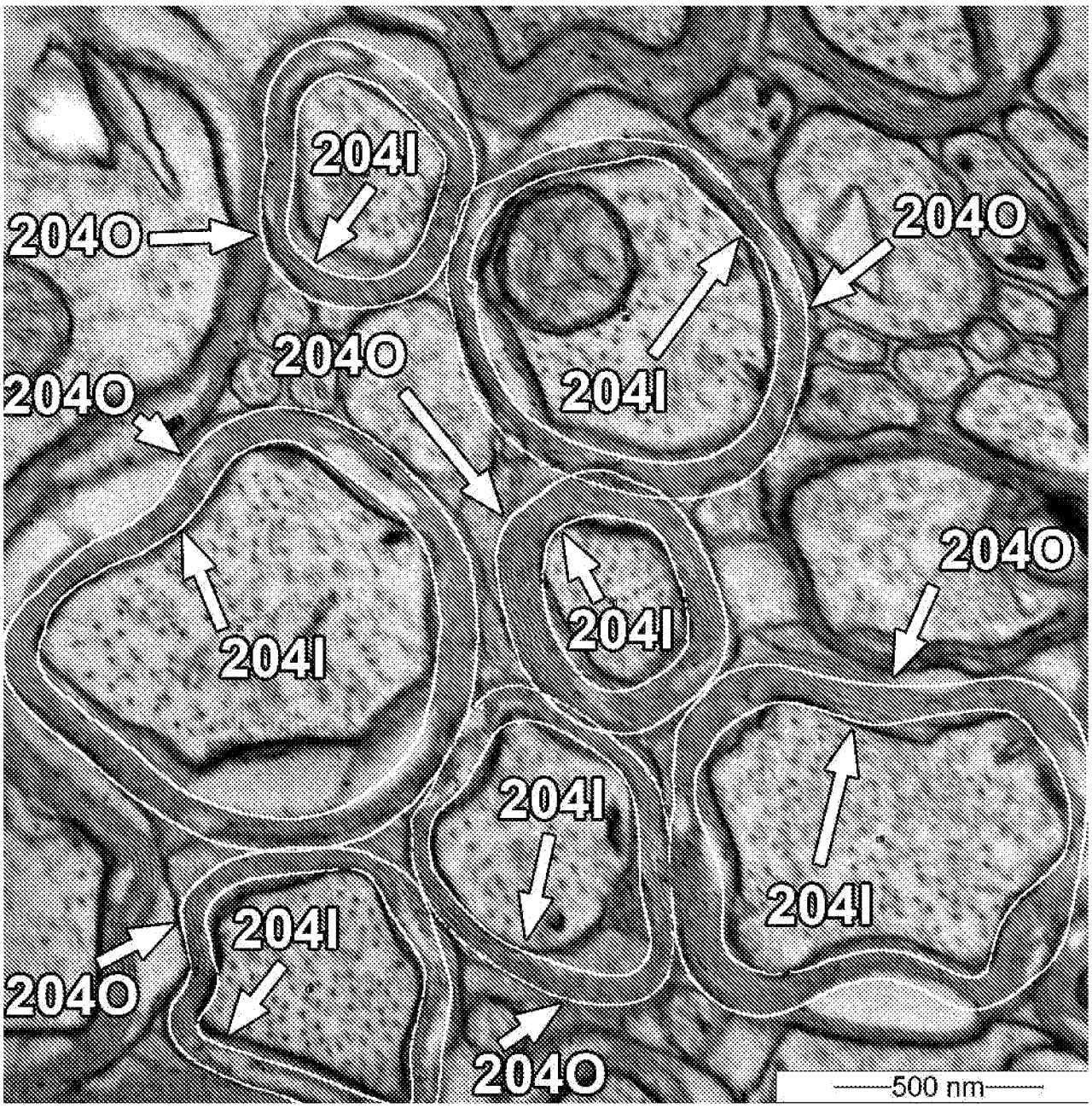

204I
204O
204O
204O
204I
204O
204I
204I
204O
204I
204I
204O
204O
500 nm

FIG. 45B

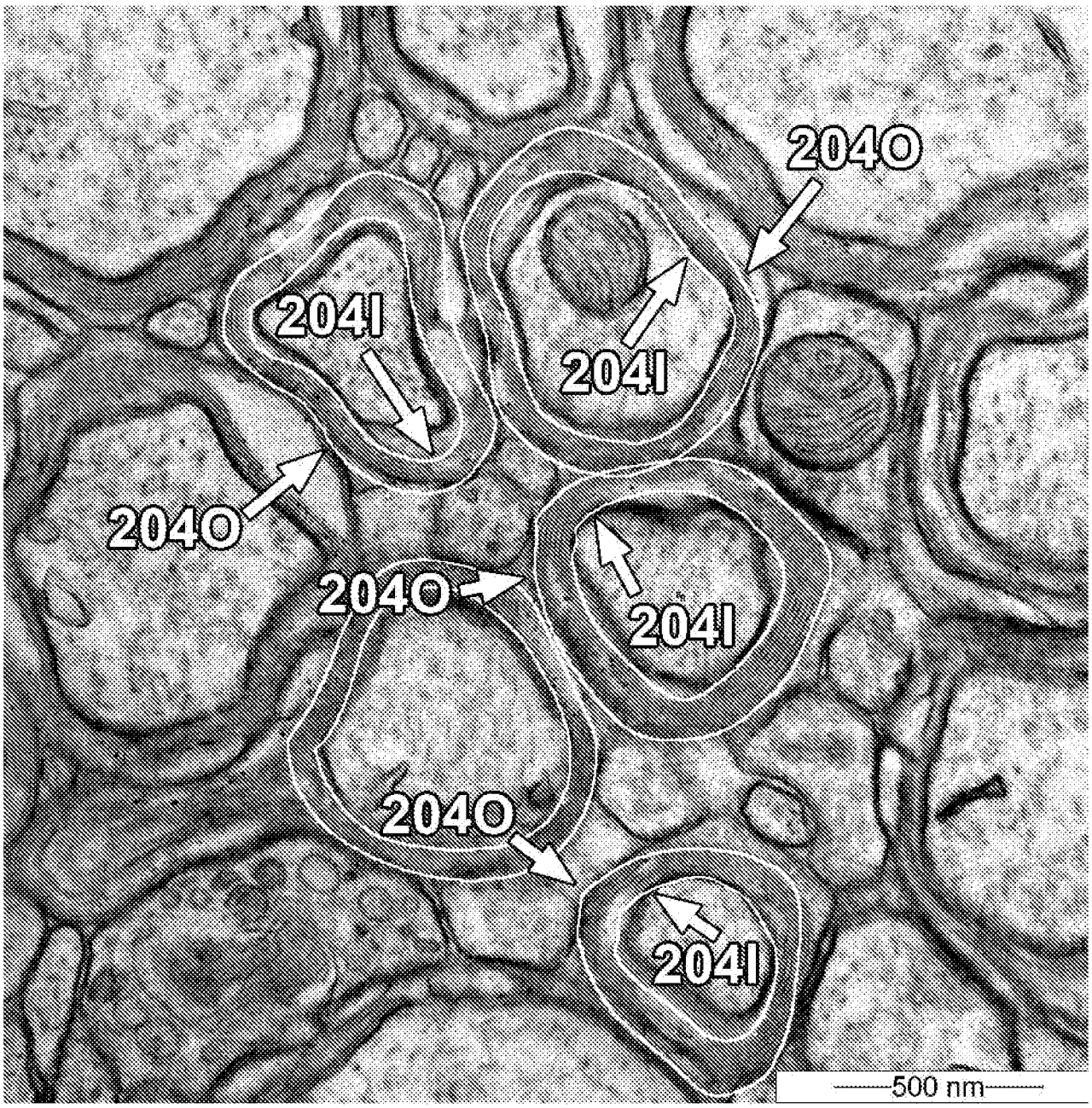



FIG. 45C

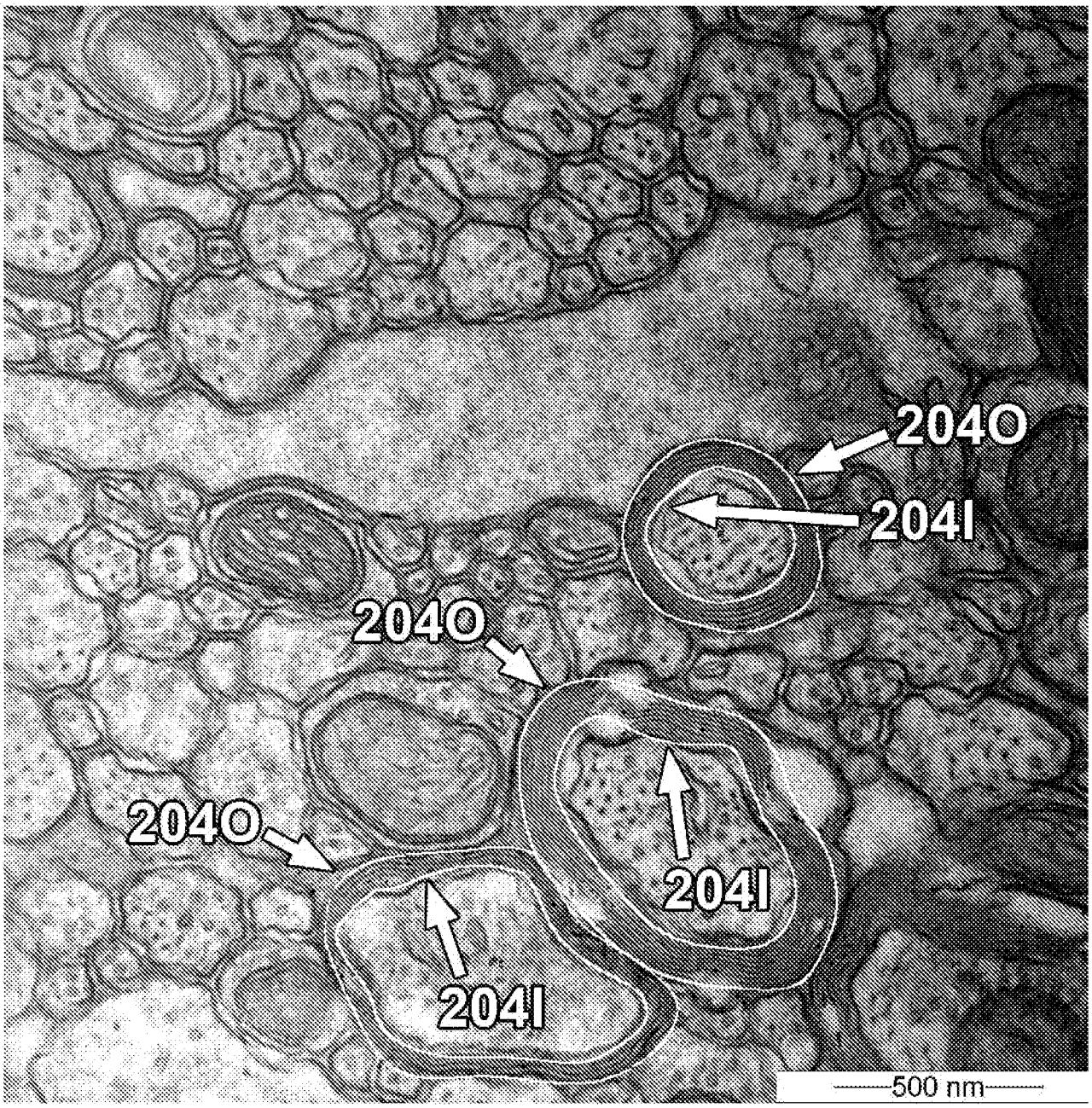



FIG. 46A

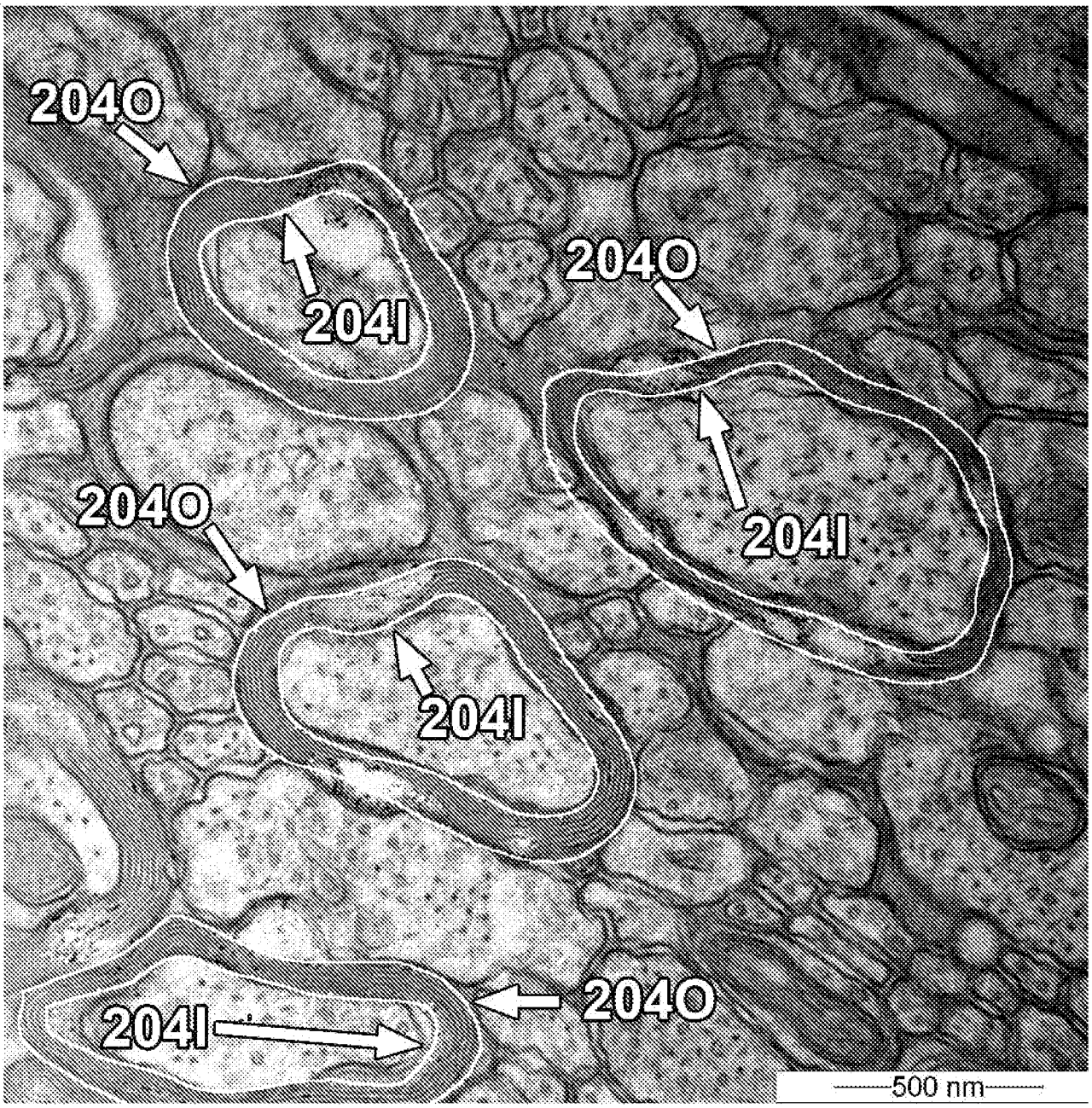



FIG. 46B

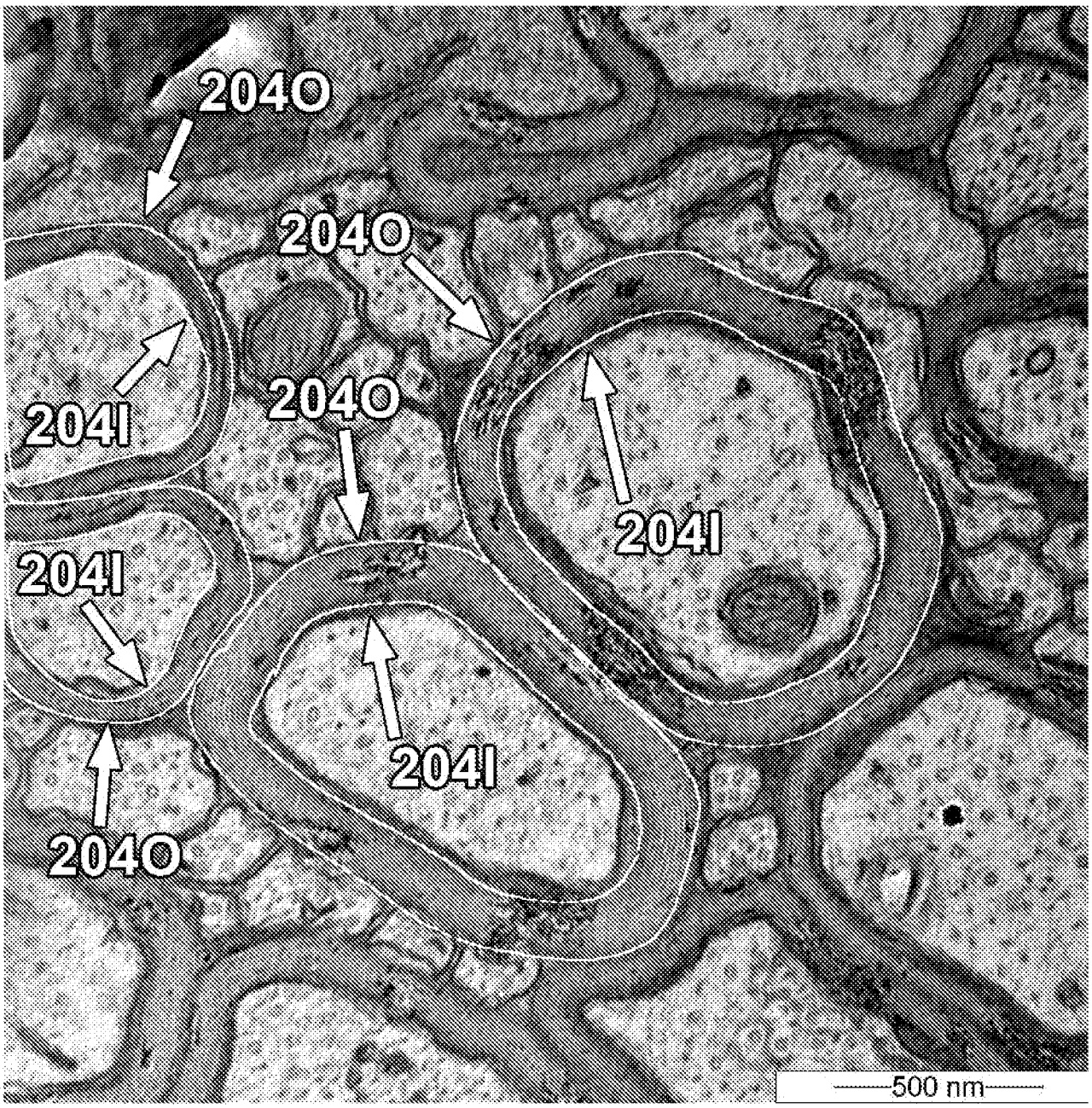



FIG. 47A

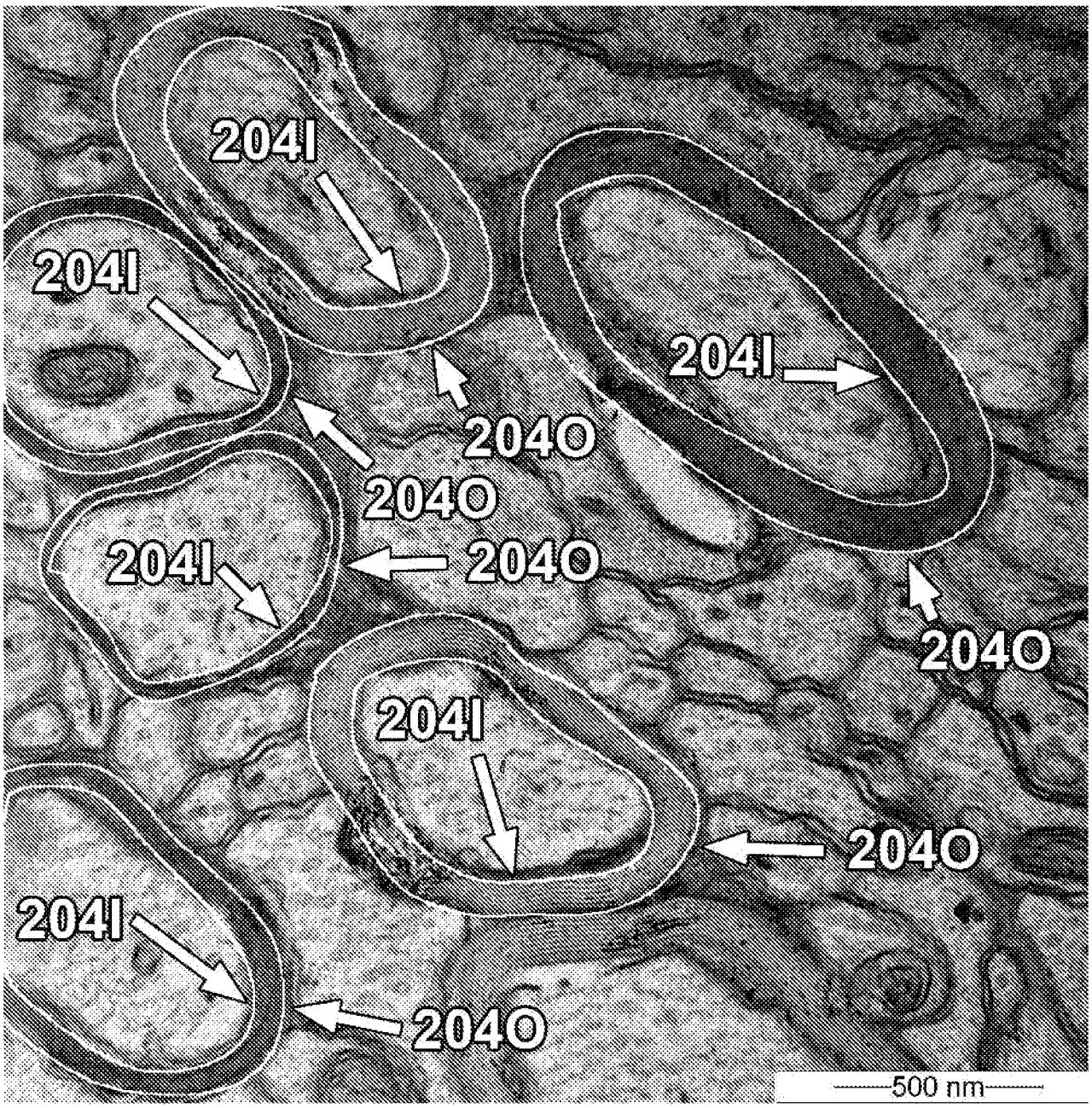

204I
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204I
204O
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204O
204O
204I
204O
204I
204O
500 nm

FIG. 47B

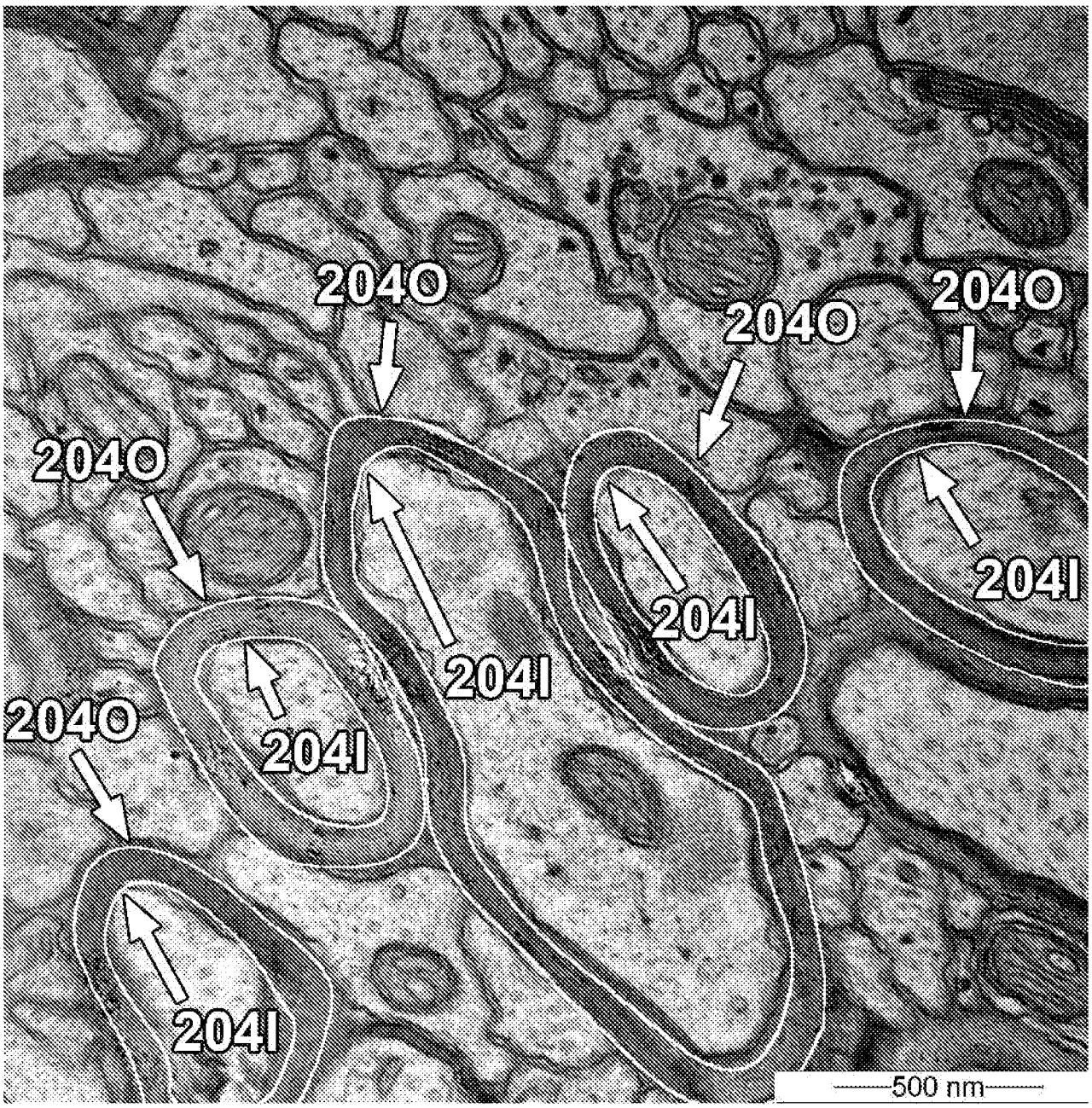



FIG. 47C

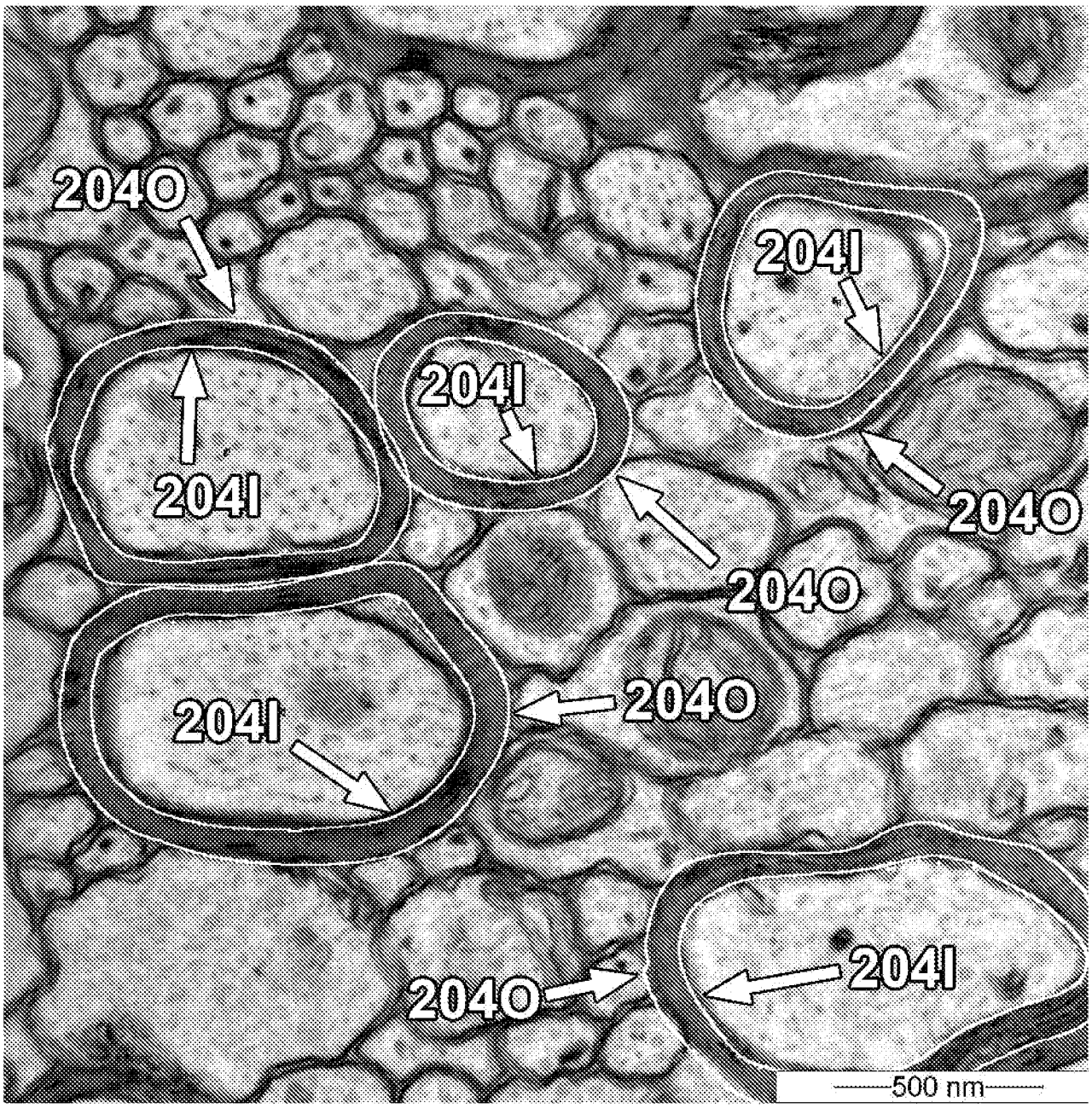



FIG. 47D

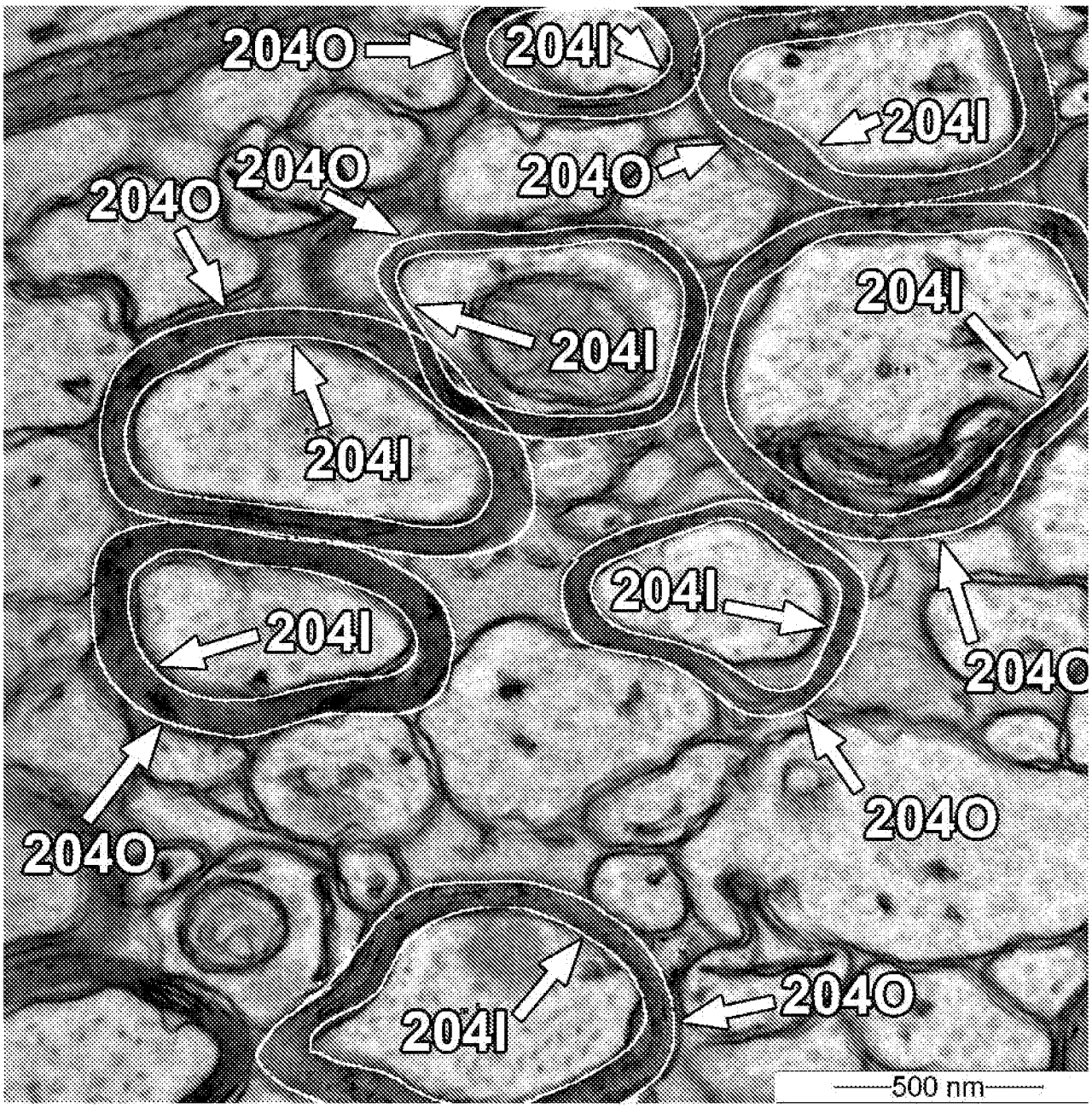

204O
204I
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204O
500 nm

FIG. 47E

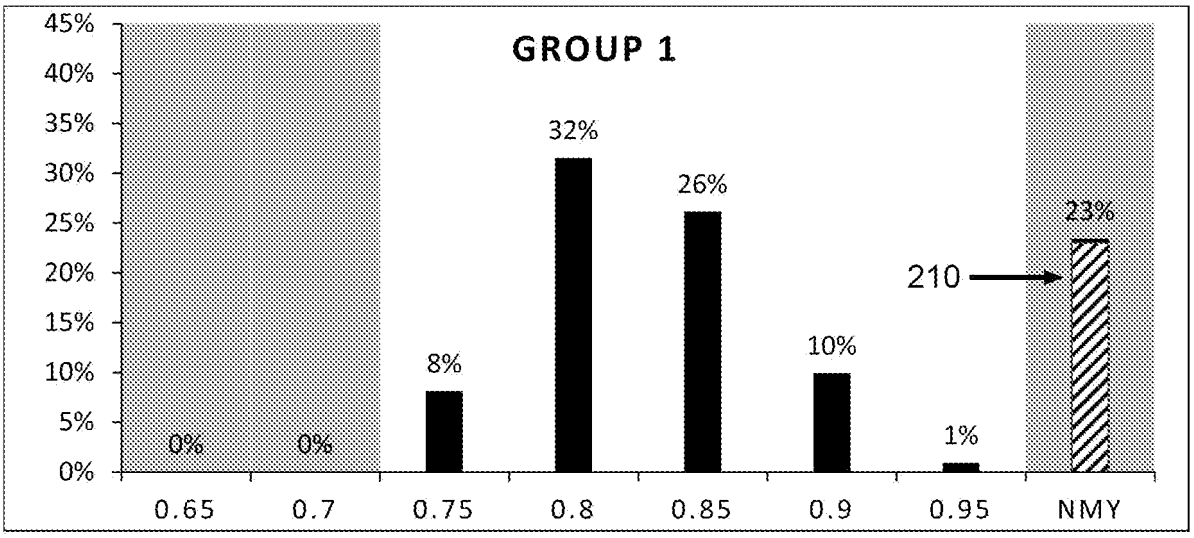



FIG. 48A

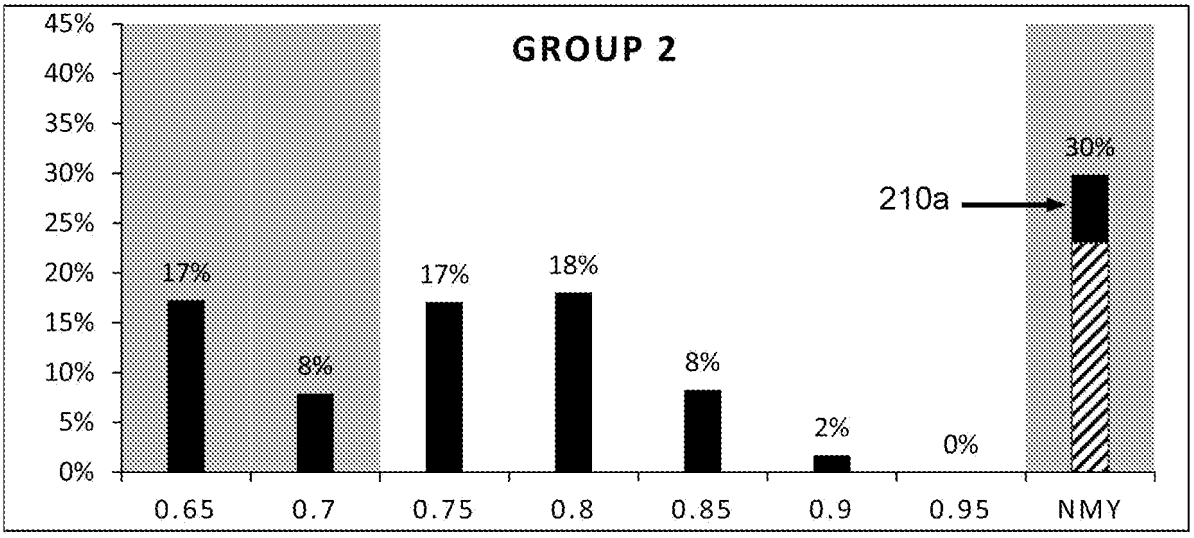



FIG. 48B

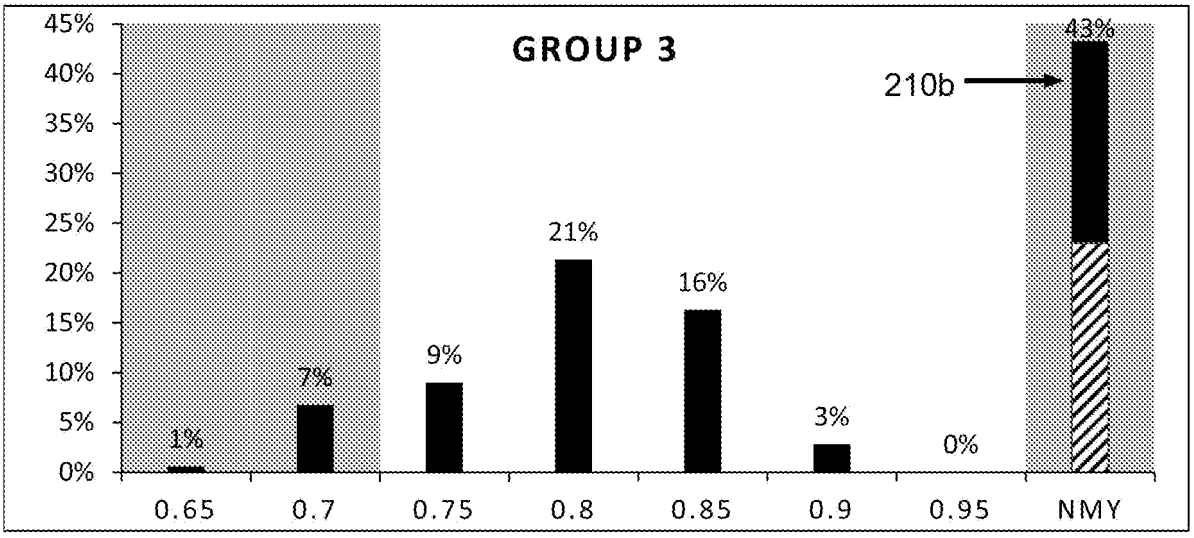



FIG. 48C

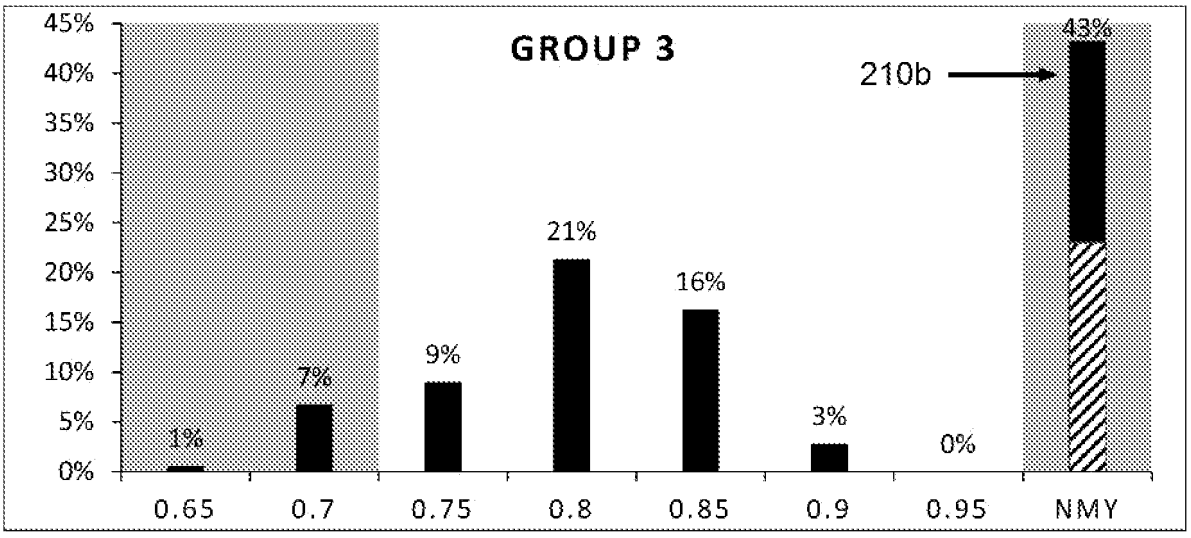



FIG. 49A

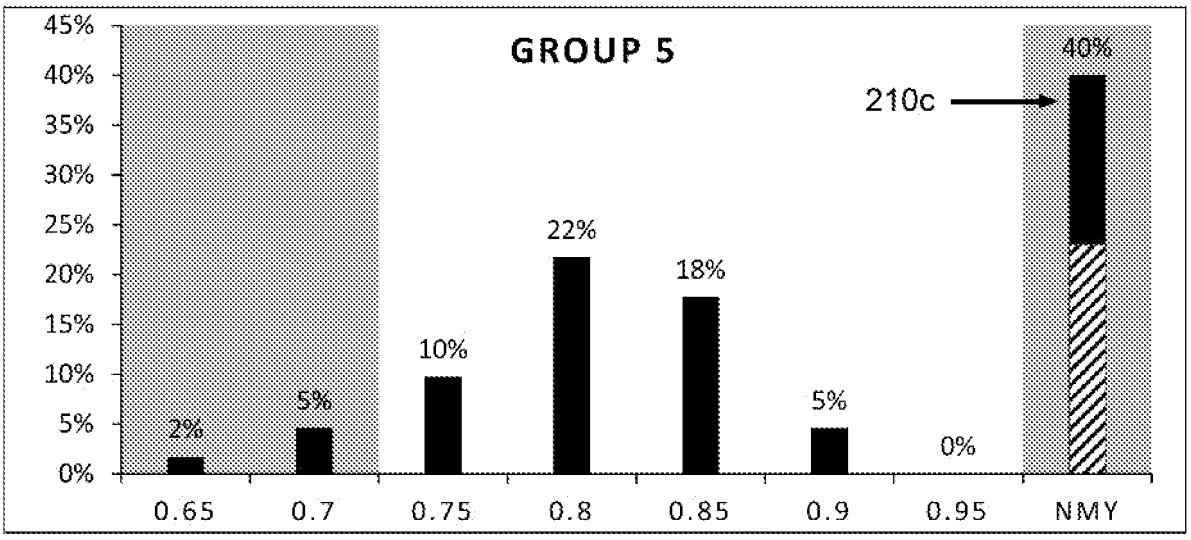



FIG. 49B

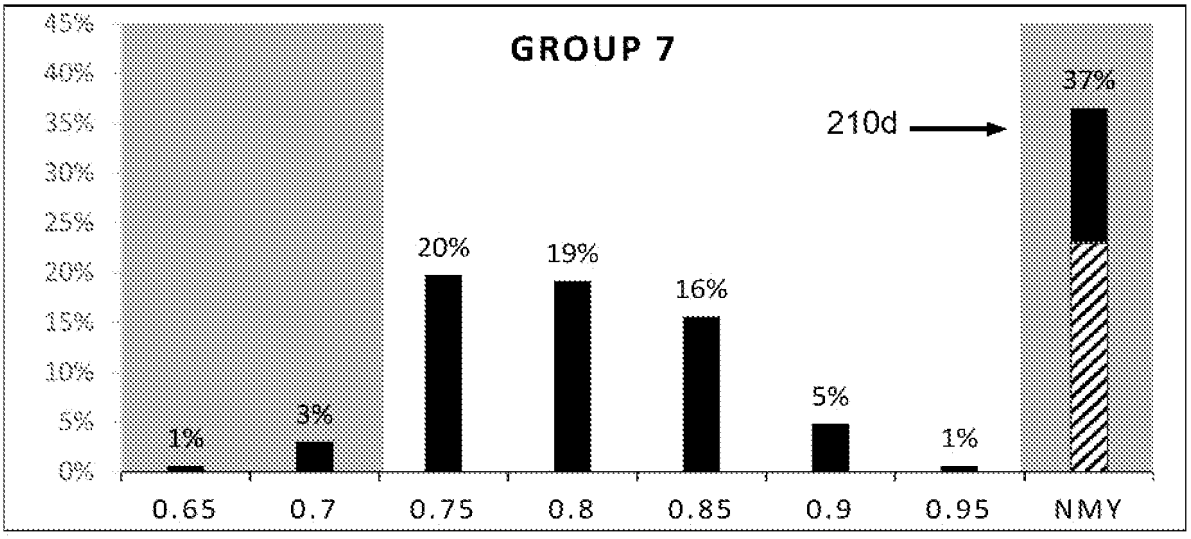



FIG. 49C

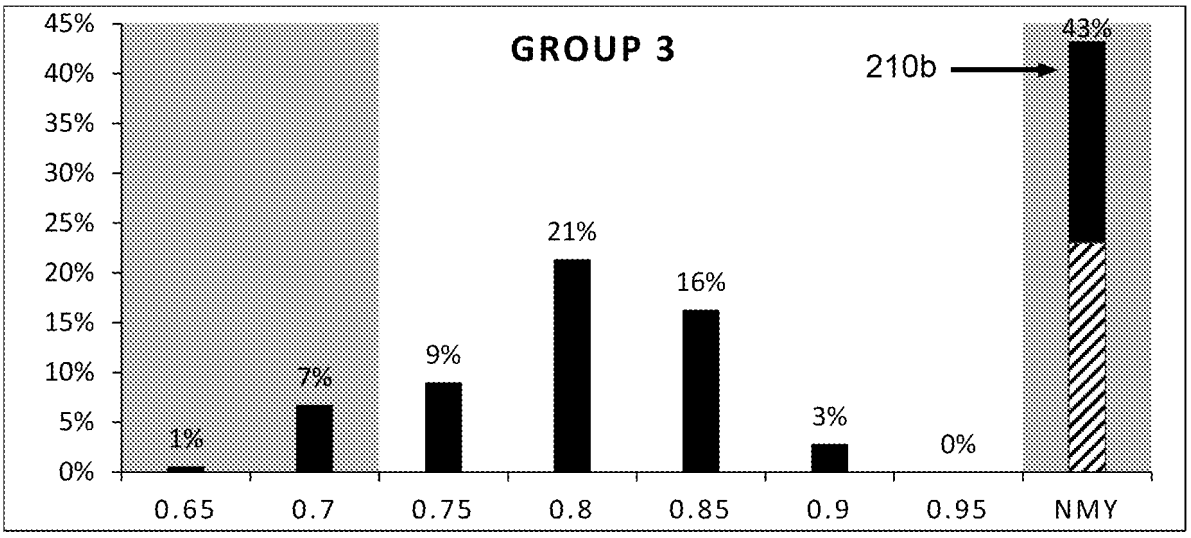



FIG. 50A

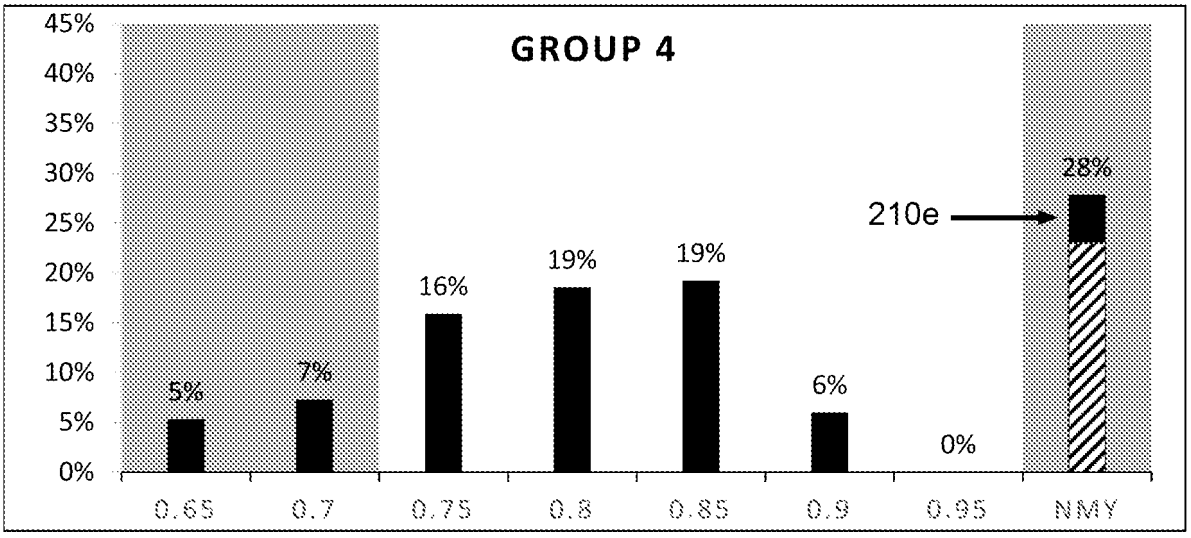



FIG. 50B

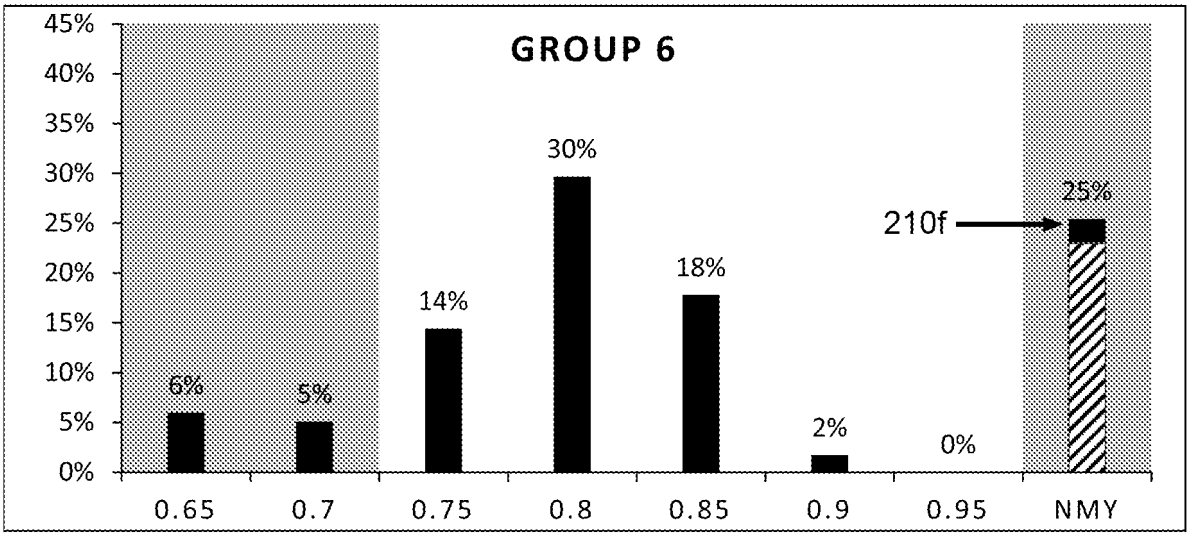



FIG. 50C

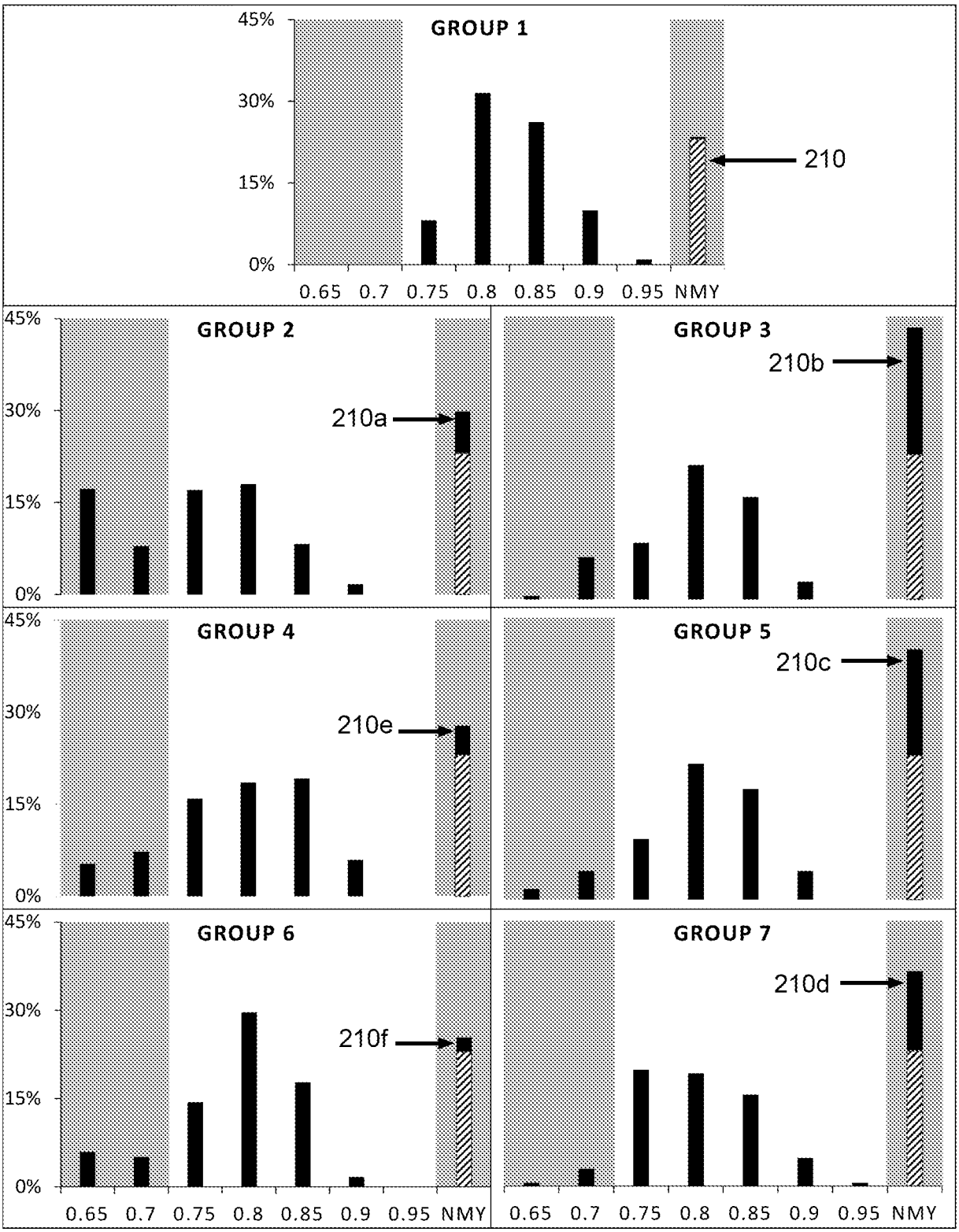

GROUP 1
45%
30%
15%
0%
210
0.65 0.7 0.75 0.8 0.85 0.9 0.95 NMY
GROUP 2
210a
GROUP 3
210b
GROUP 4
210e
GROUP 5
210c
GROUP 6
210f
GROUP 7
210d

FIG. 51