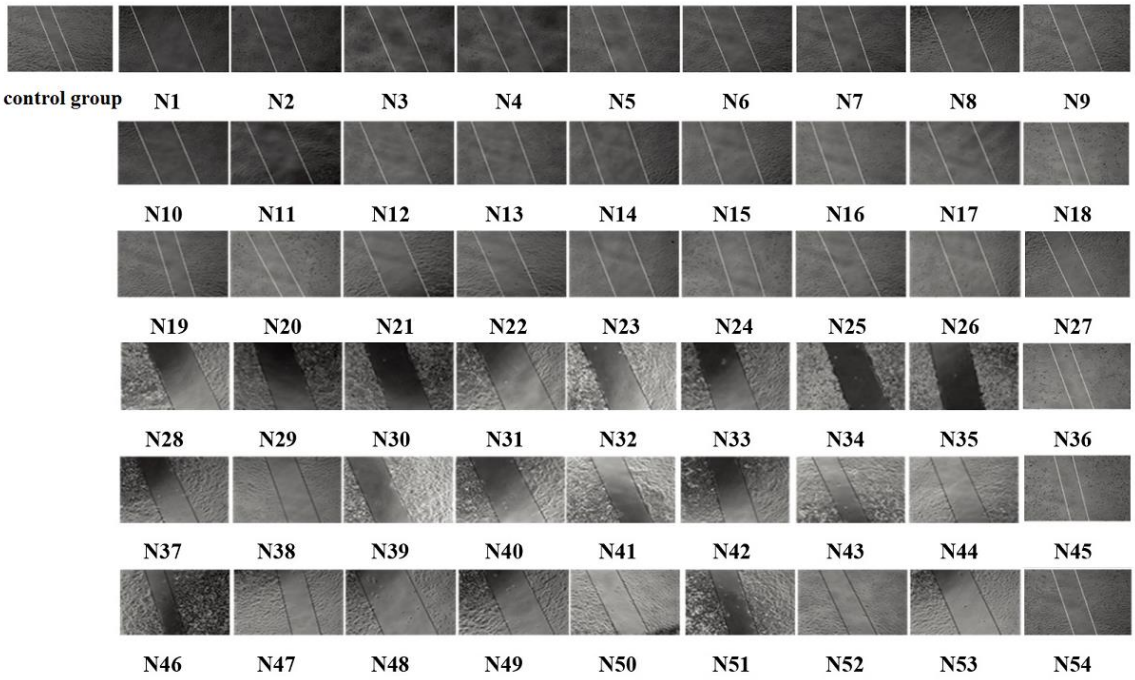


Figure 1

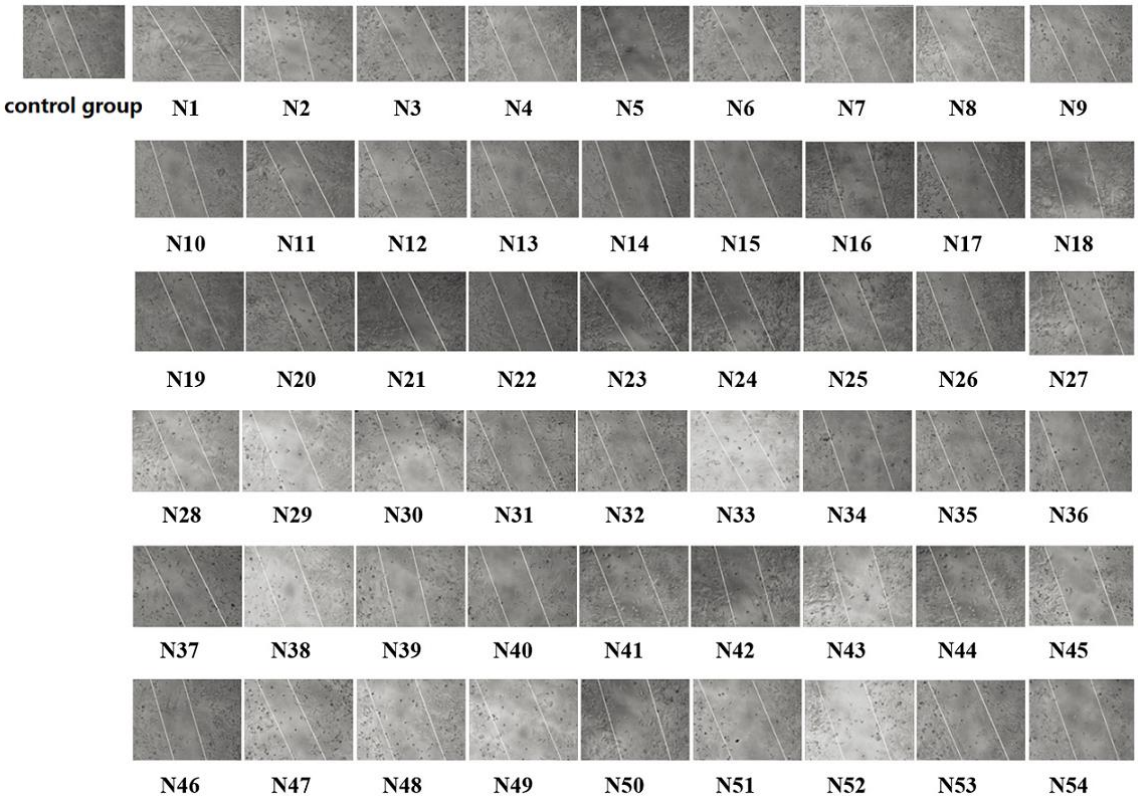


Figure 2

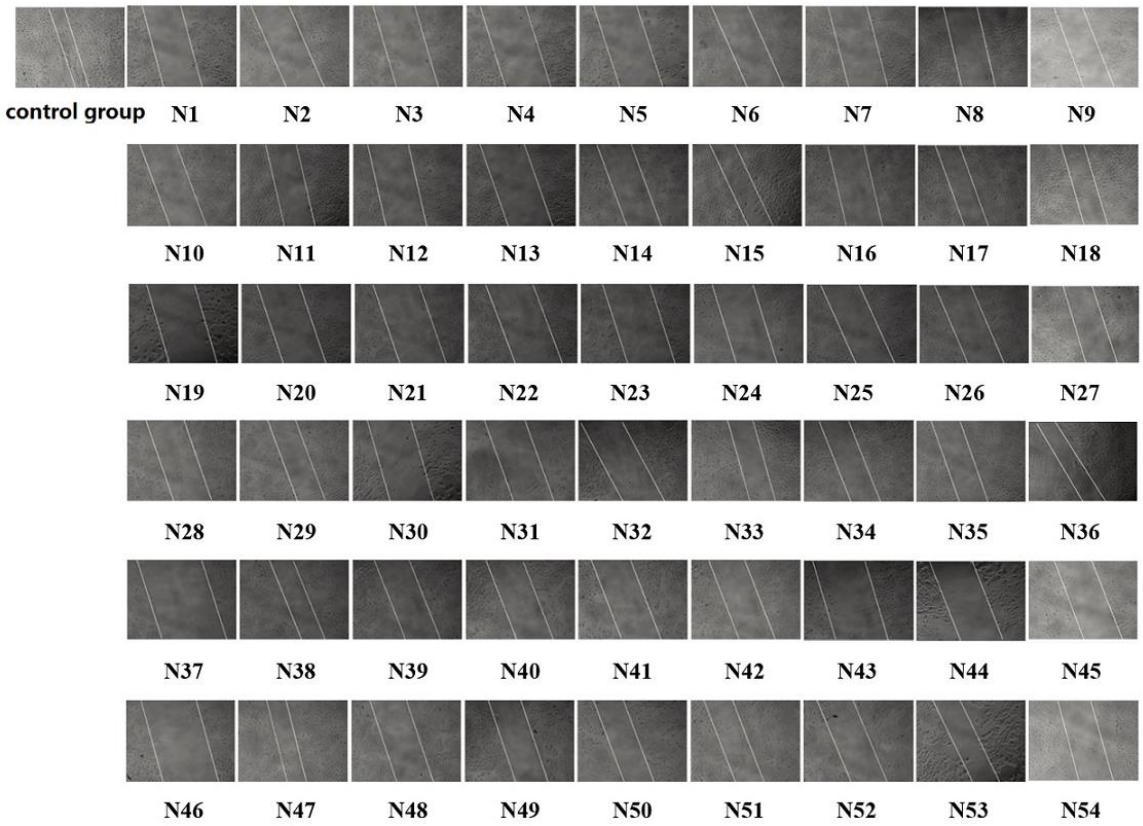

control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 3

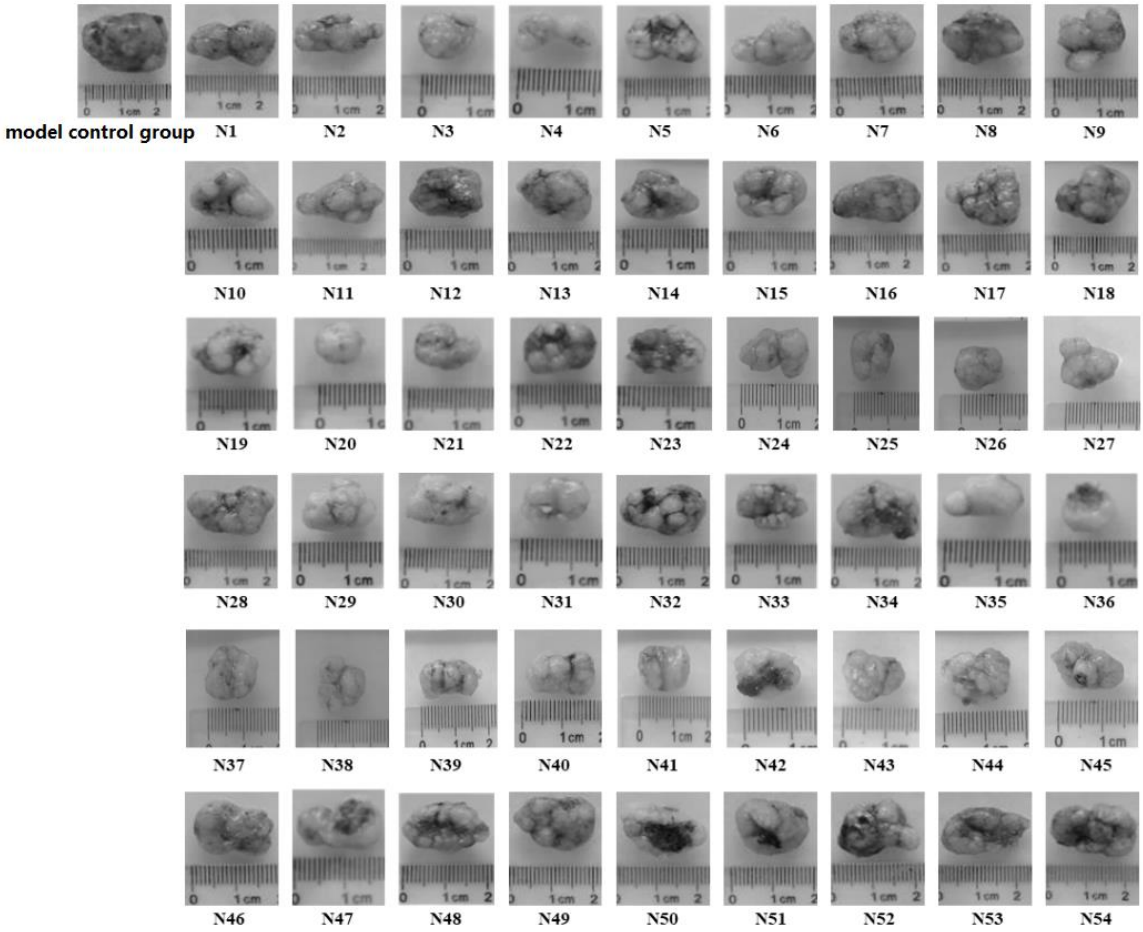

model control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 4

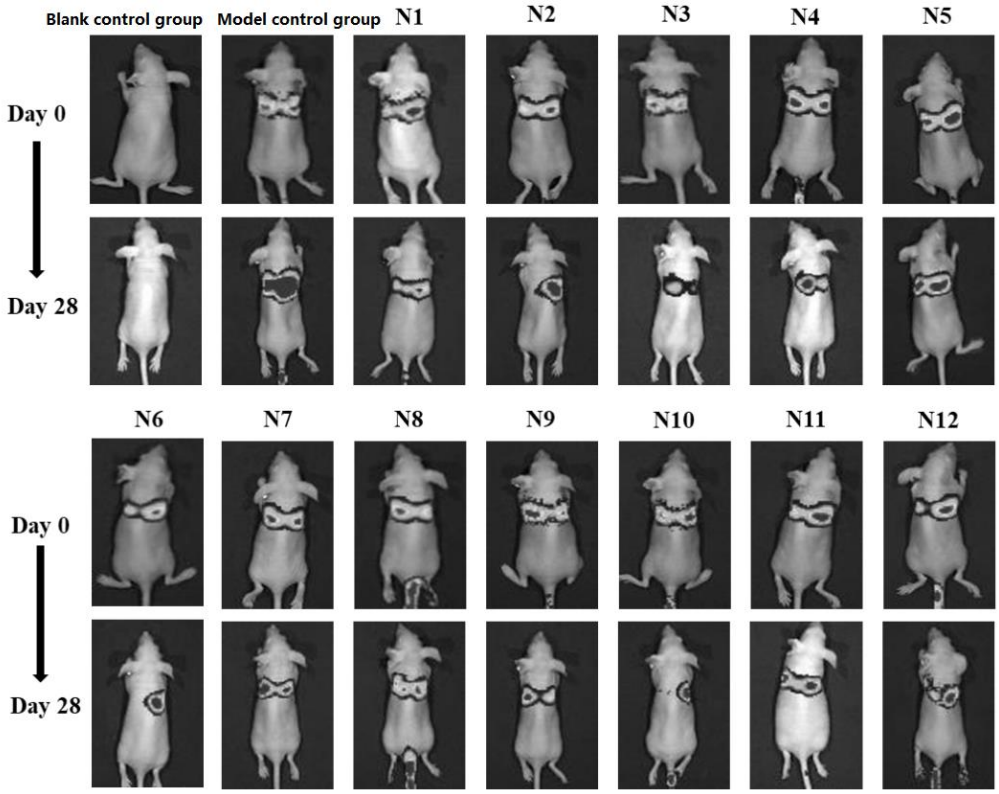

Blank control group
Model control group
N1
N2
N3
N4
N5
Day 0
Day 28
N6
N7
N8
N9
N10
N11
N12
Day 0
Day 28

Figure 5

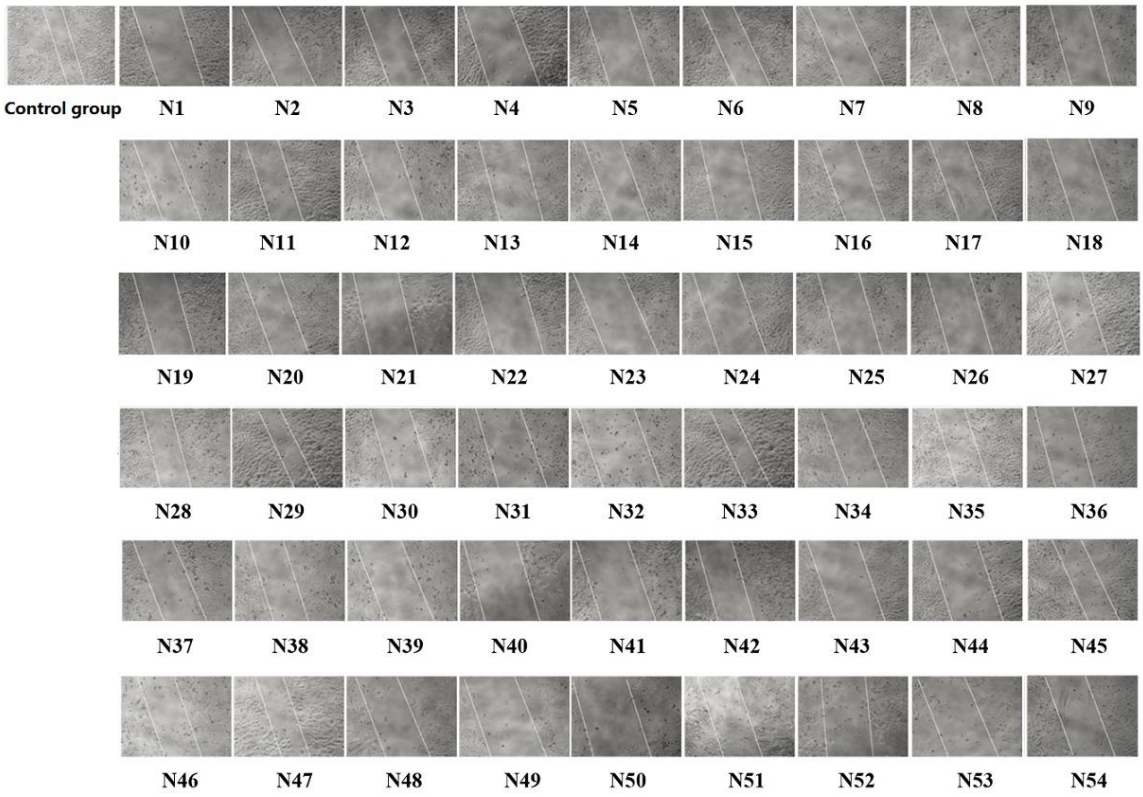


Figure 6

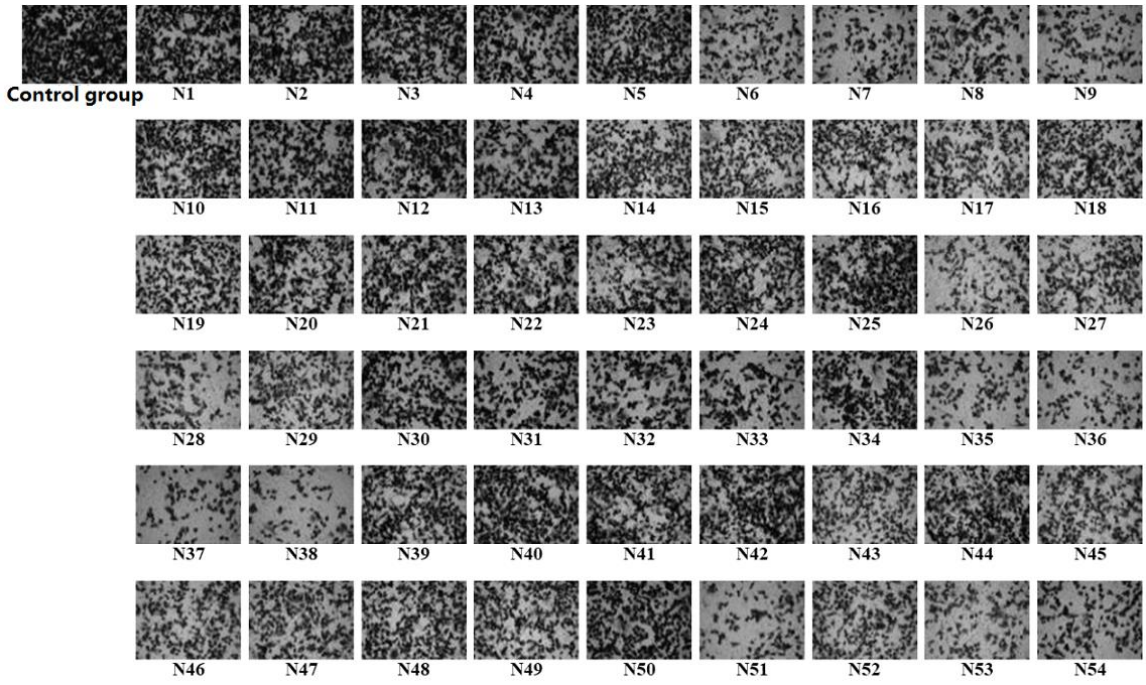


Figure 7

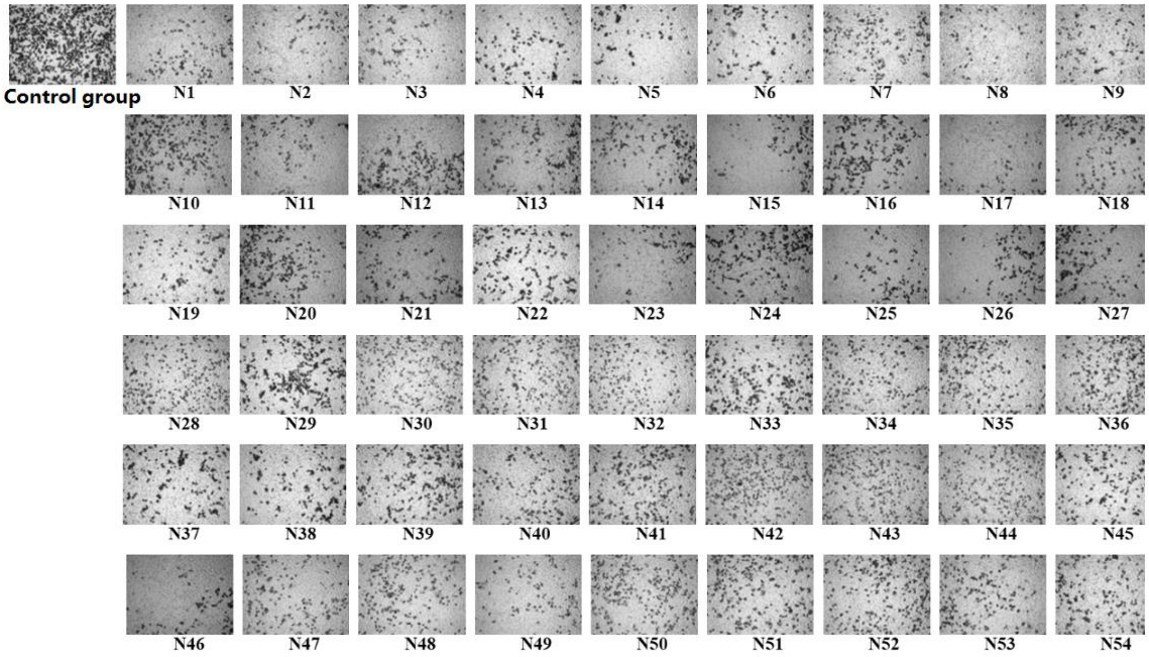


Figure 8

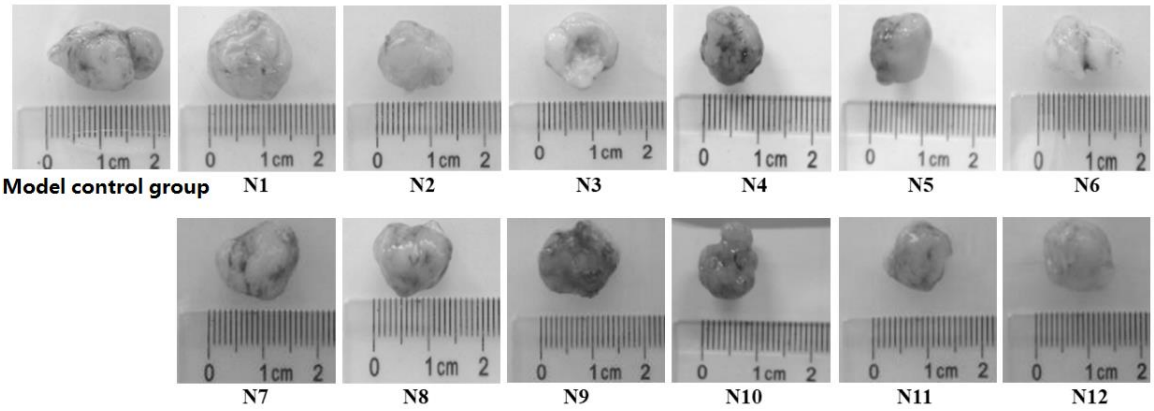


Figure 9

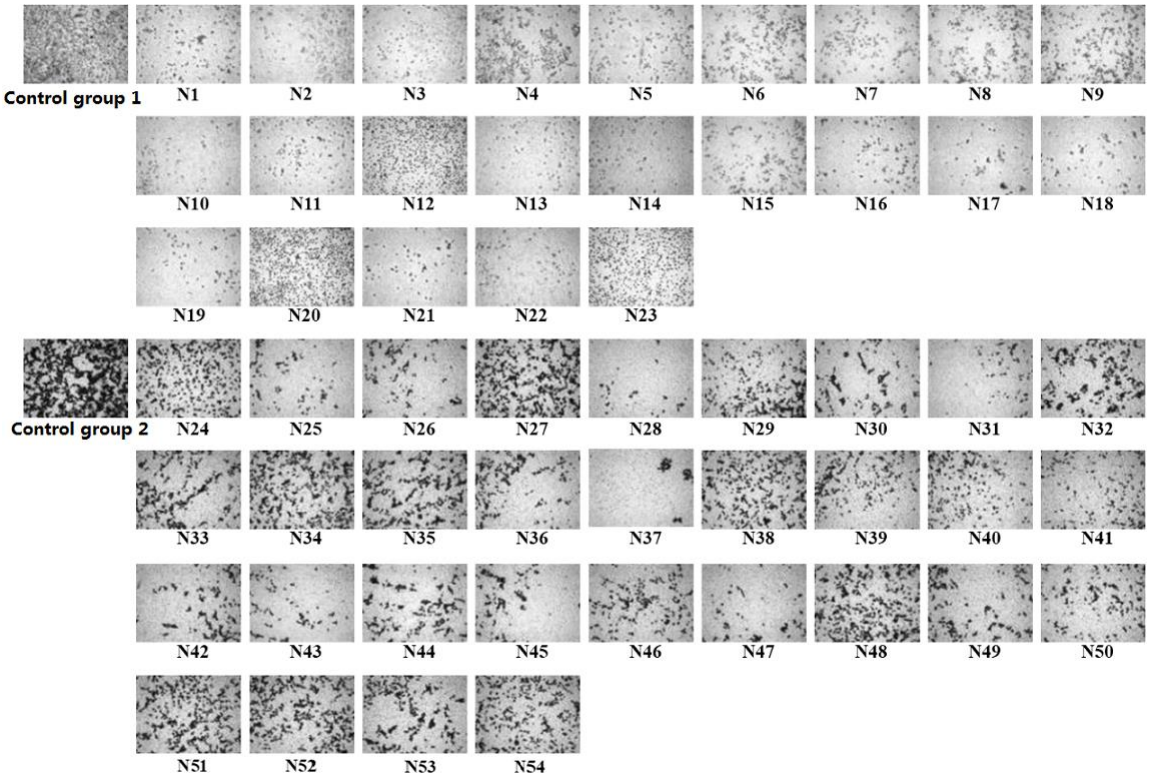


Figure 10

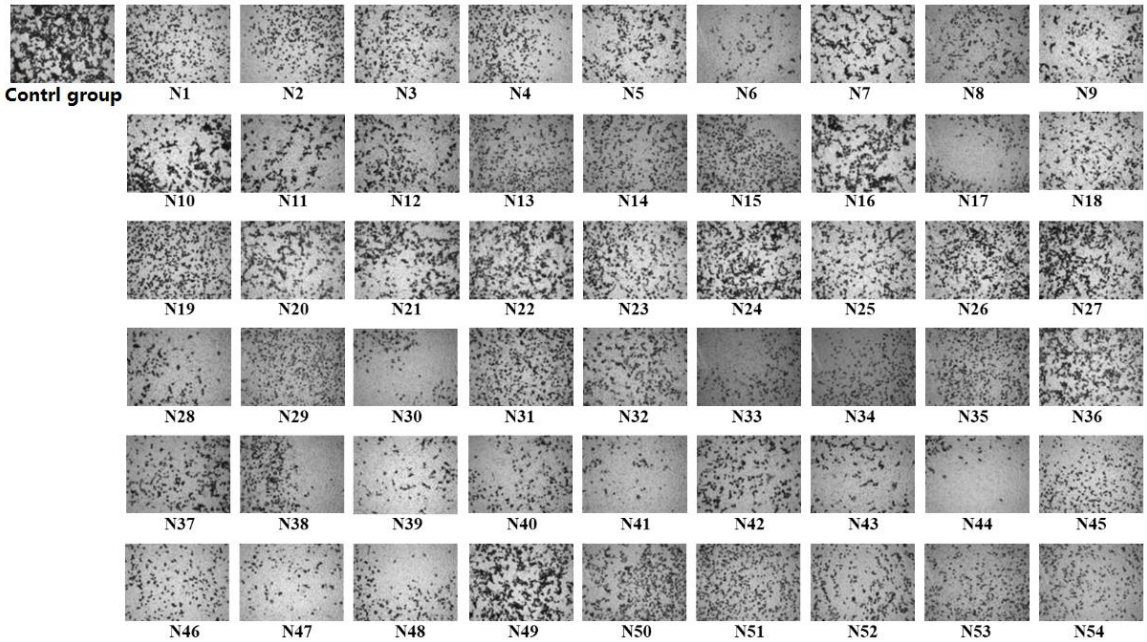


Figure 11

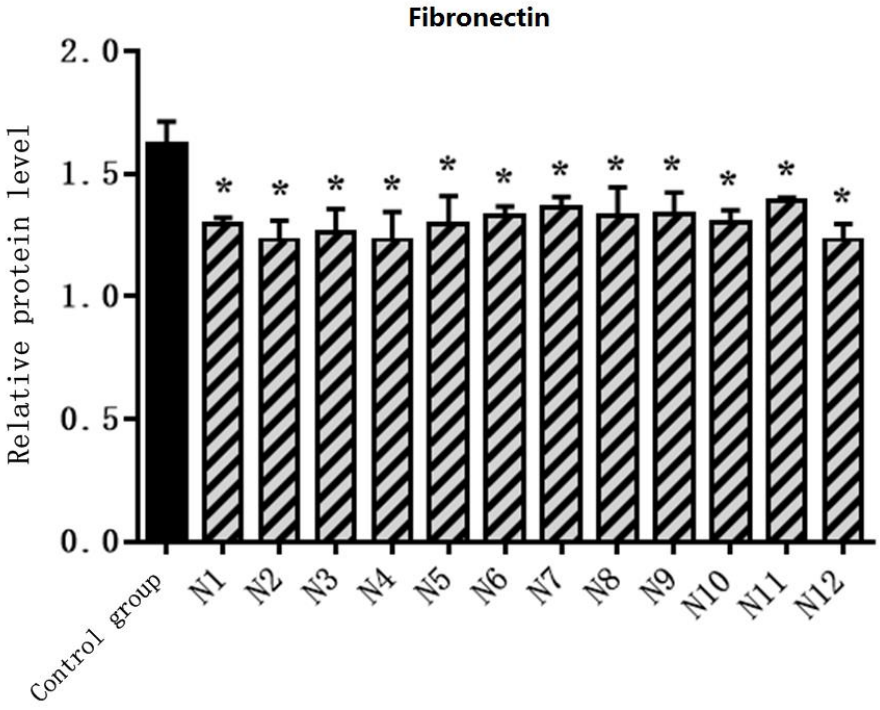


Figure 12

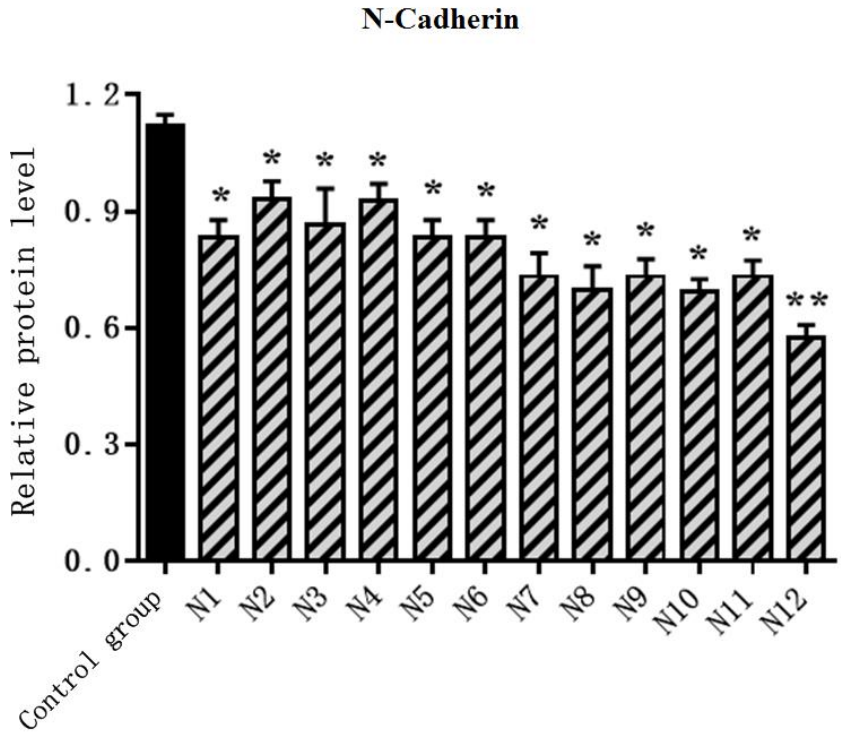


Figure 13

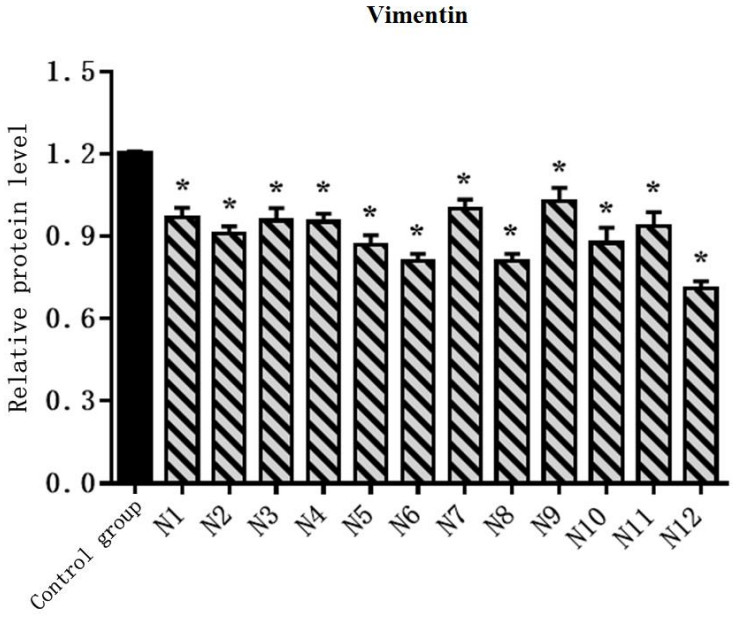


Figure 14

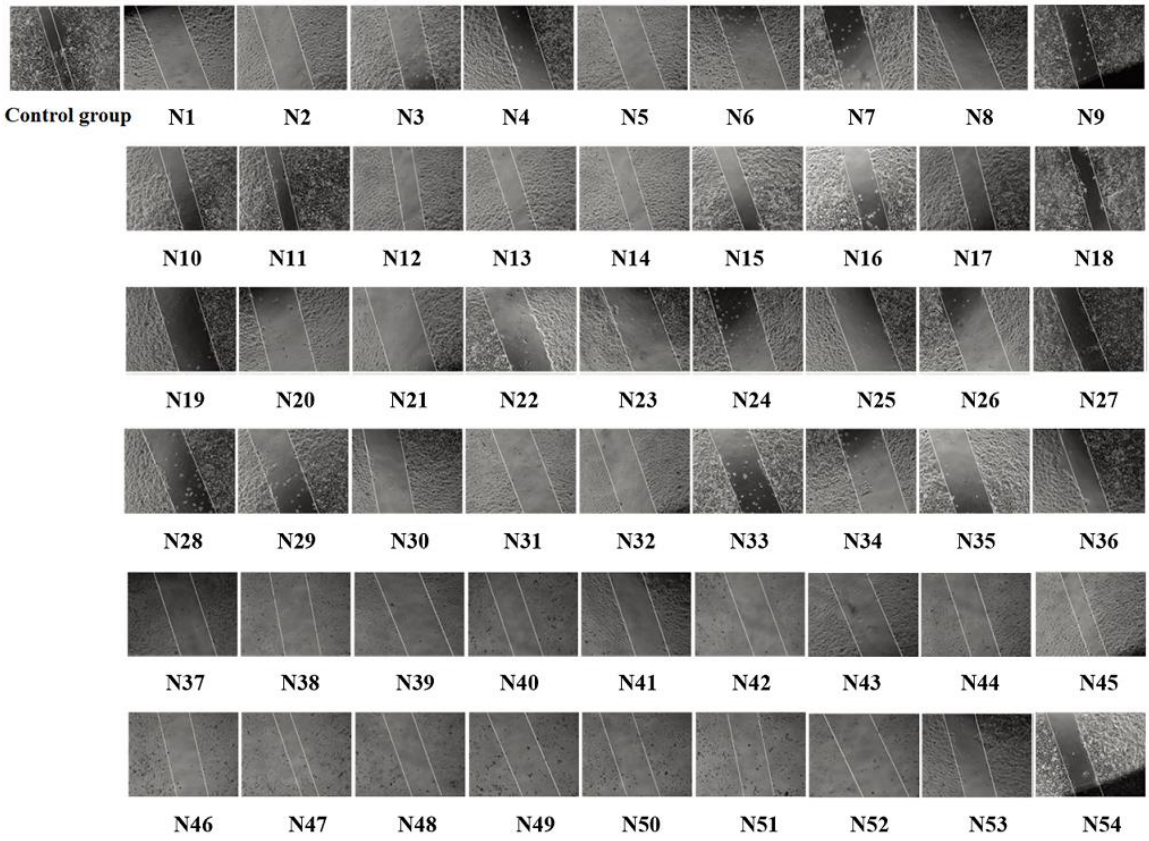


Figure 15

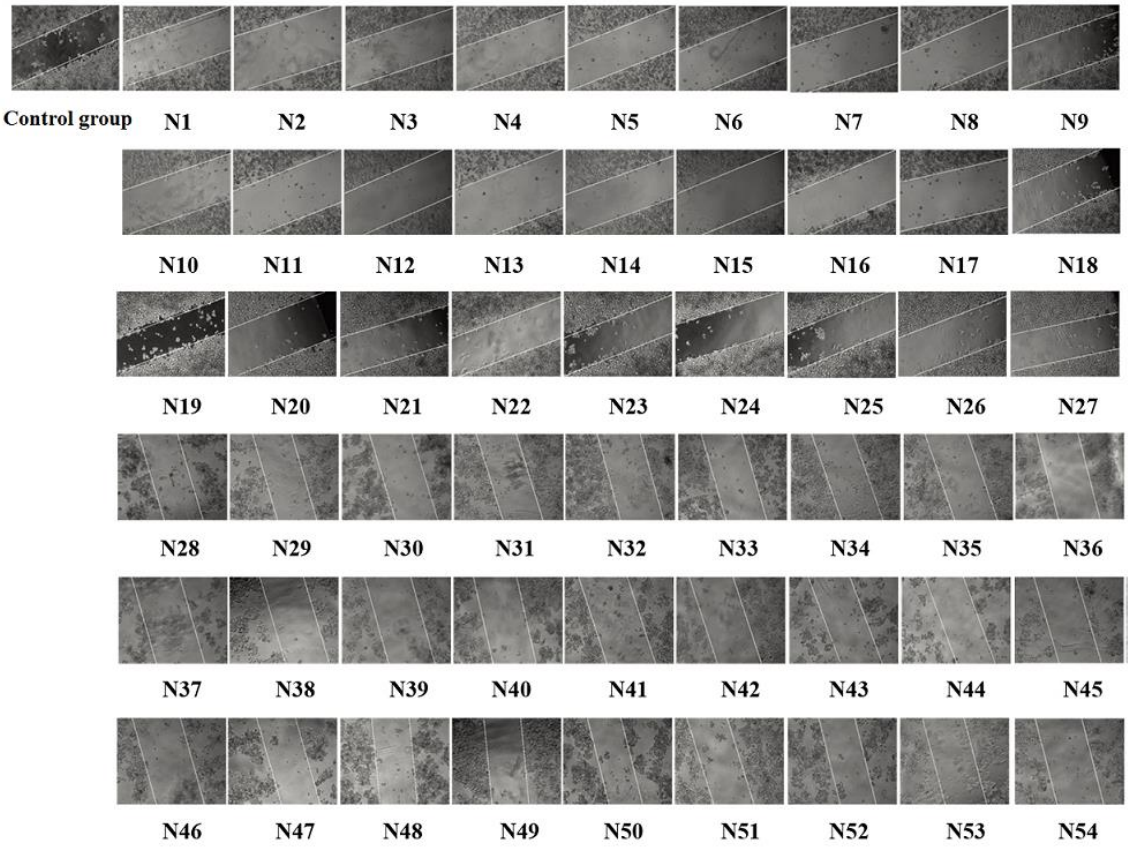

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 16

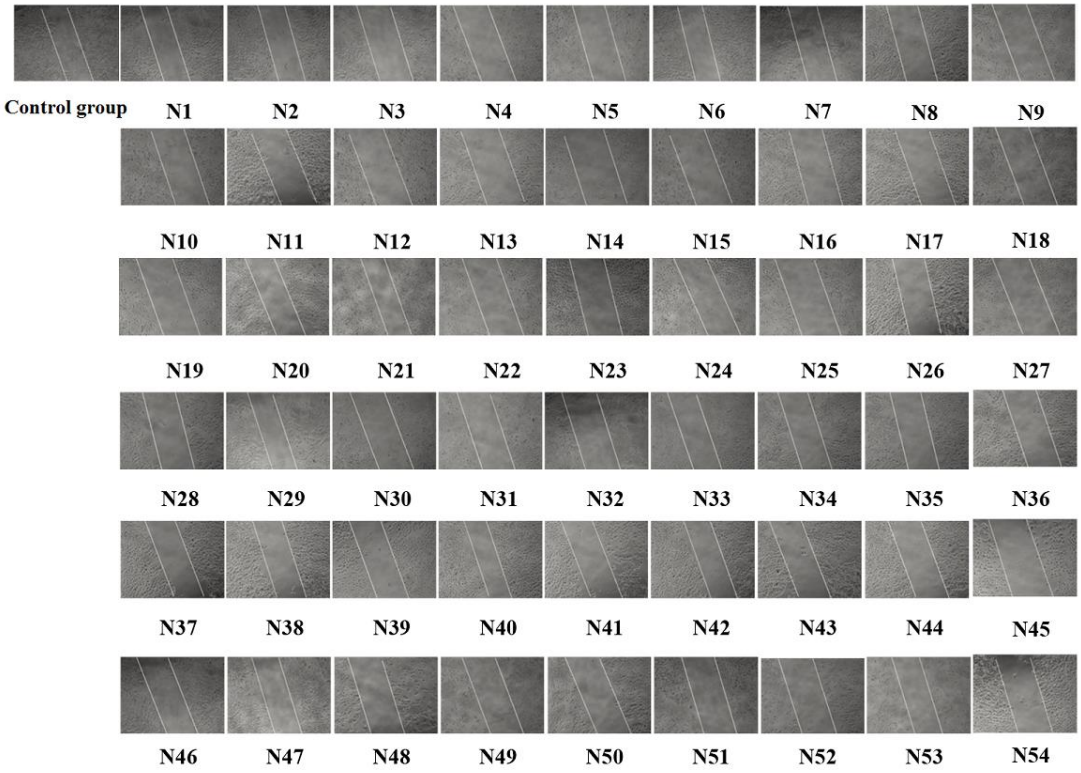

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 17

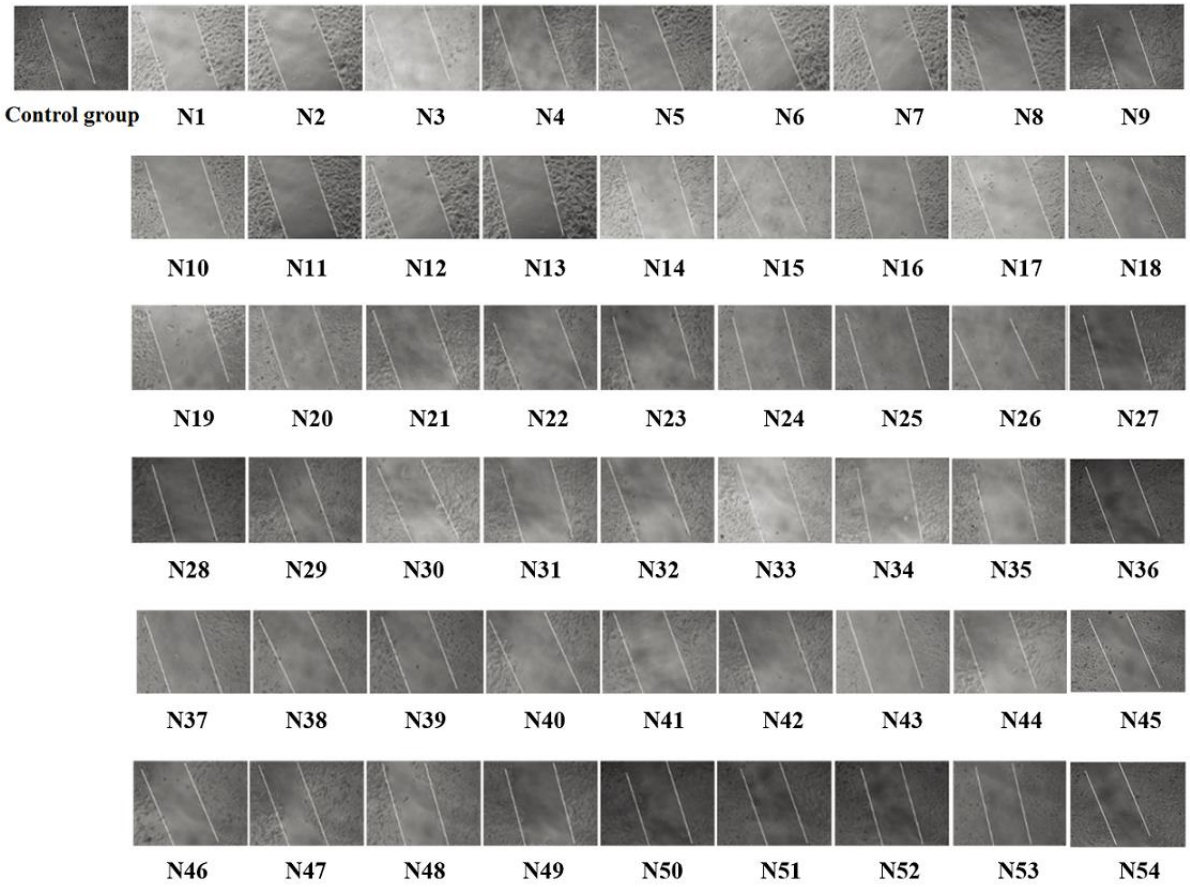

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 18

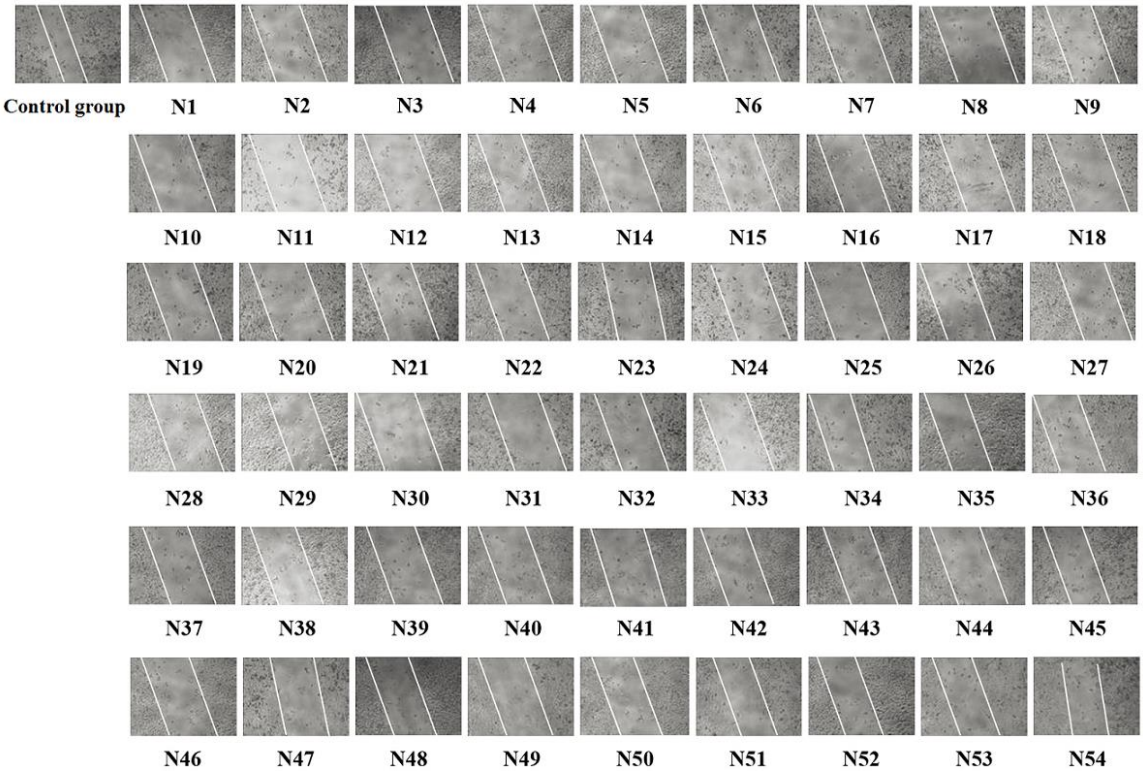

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 19

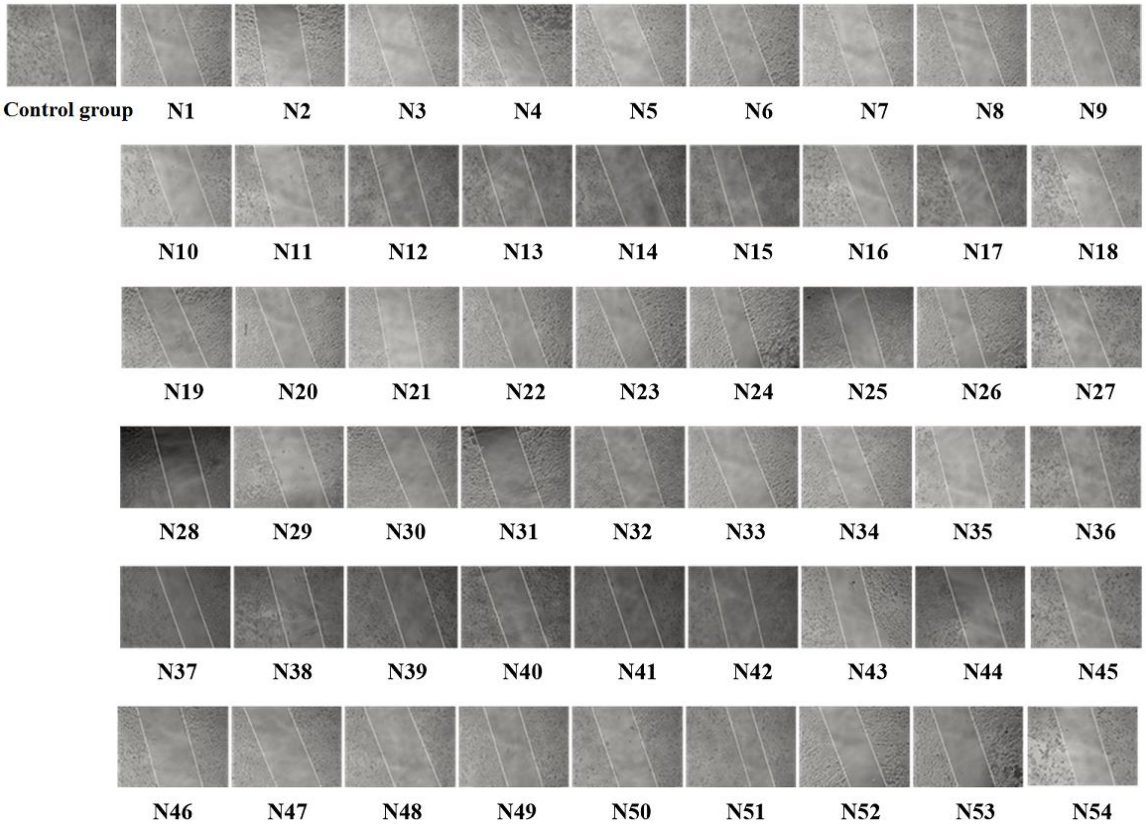

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 20

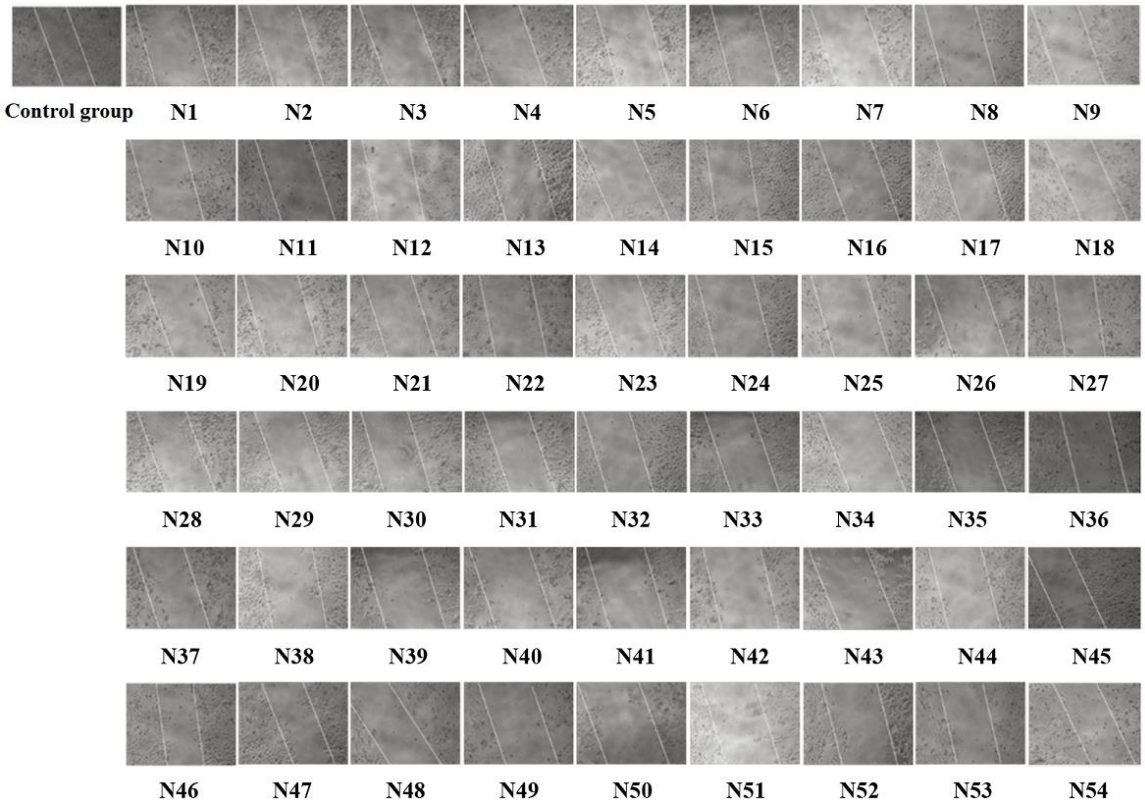

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 21

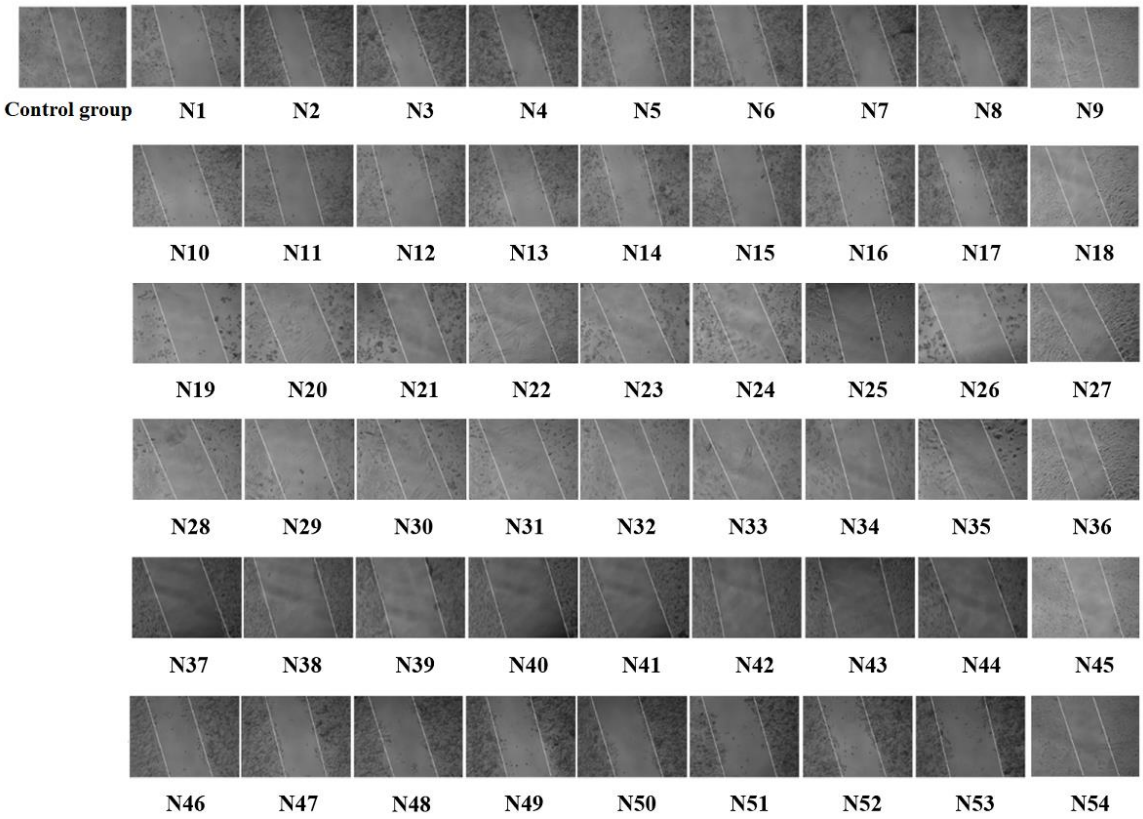

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 22

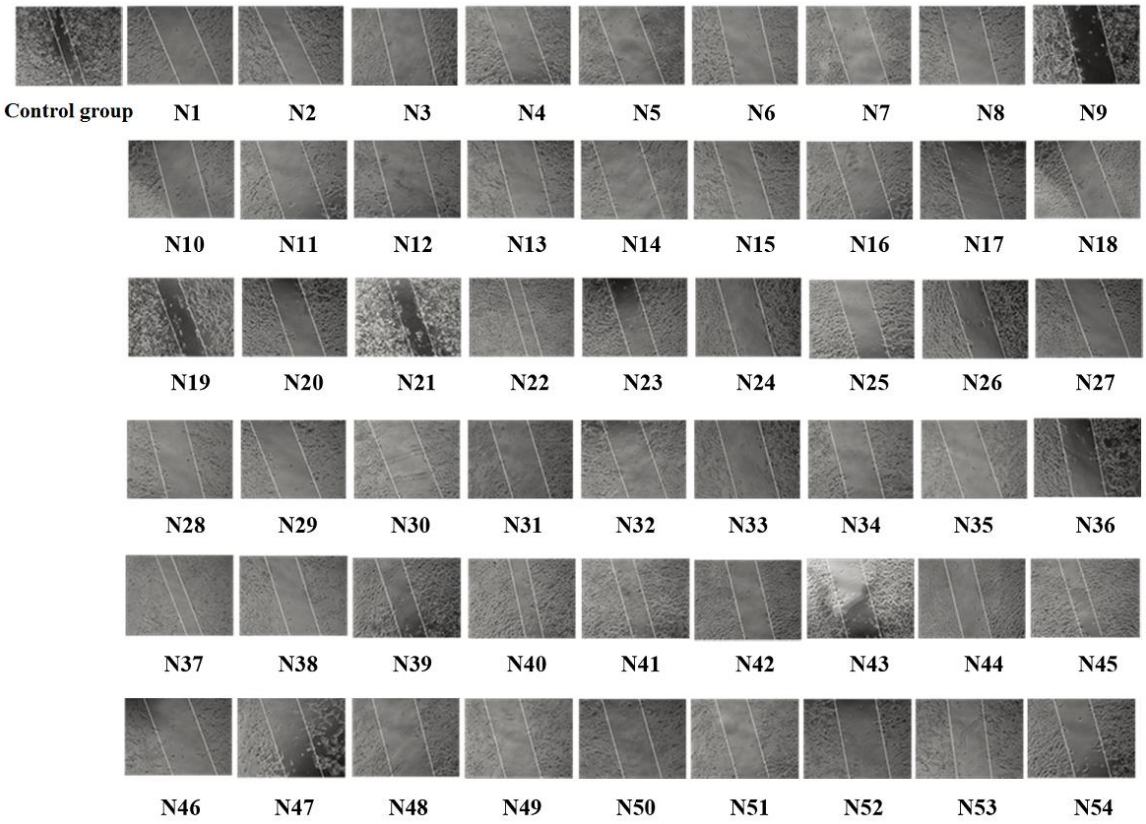

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 23

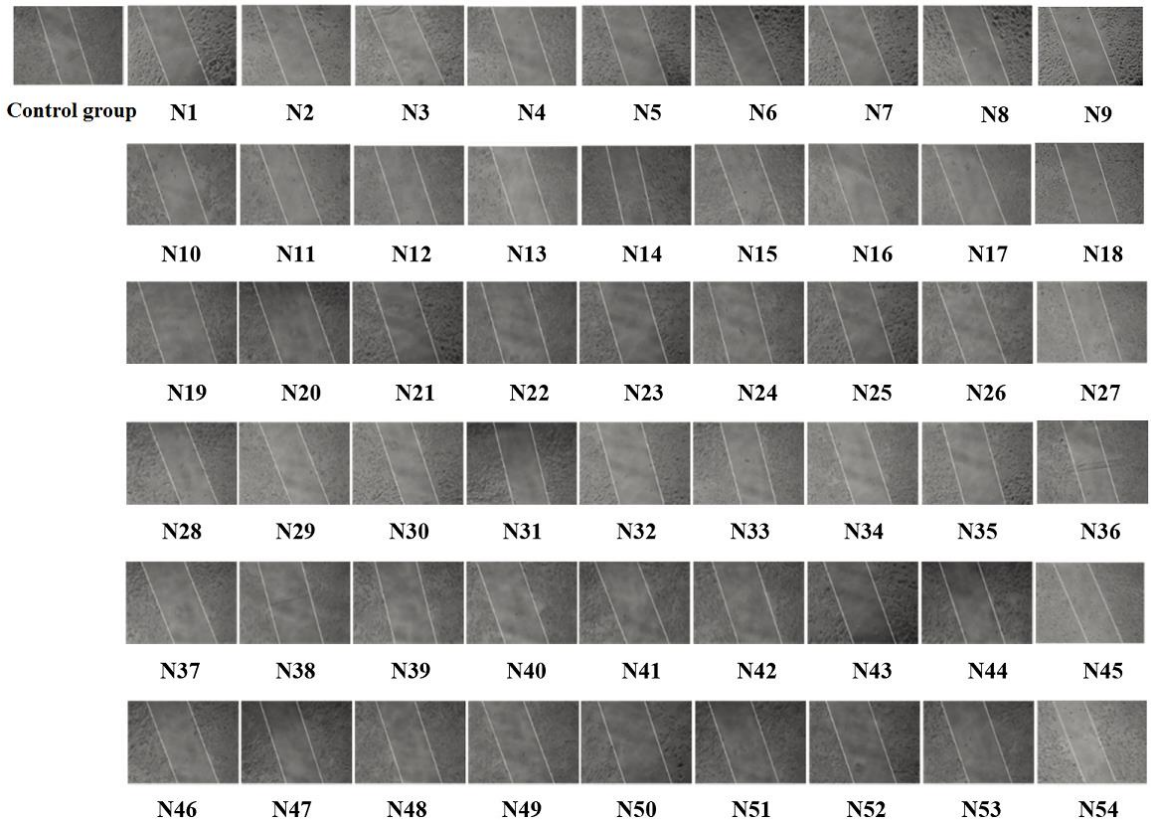


Figure 24

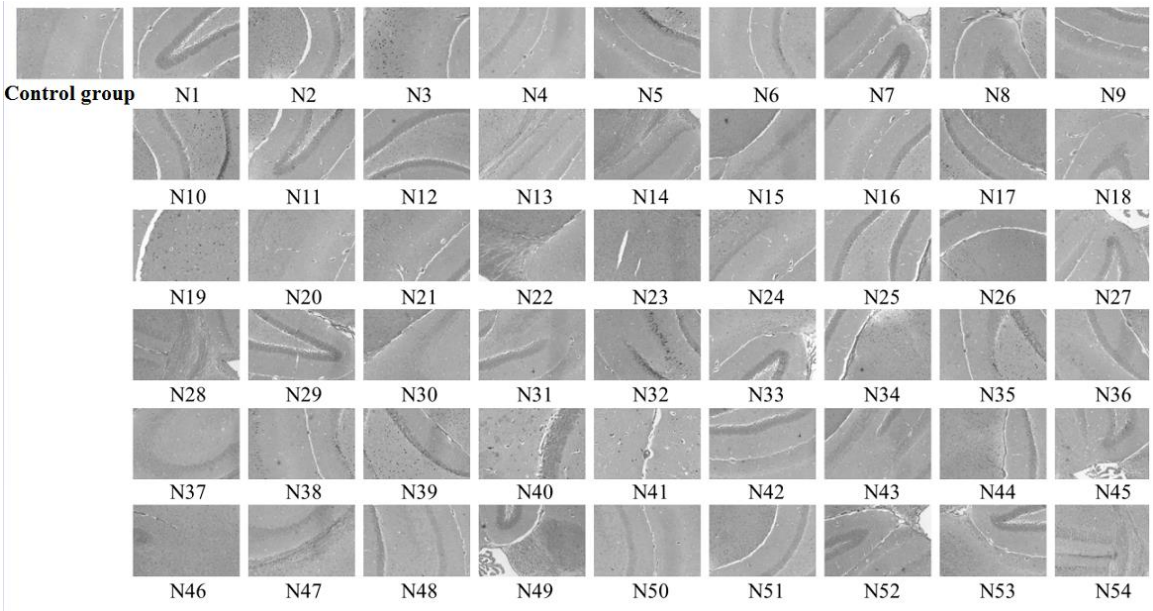


Figure 25

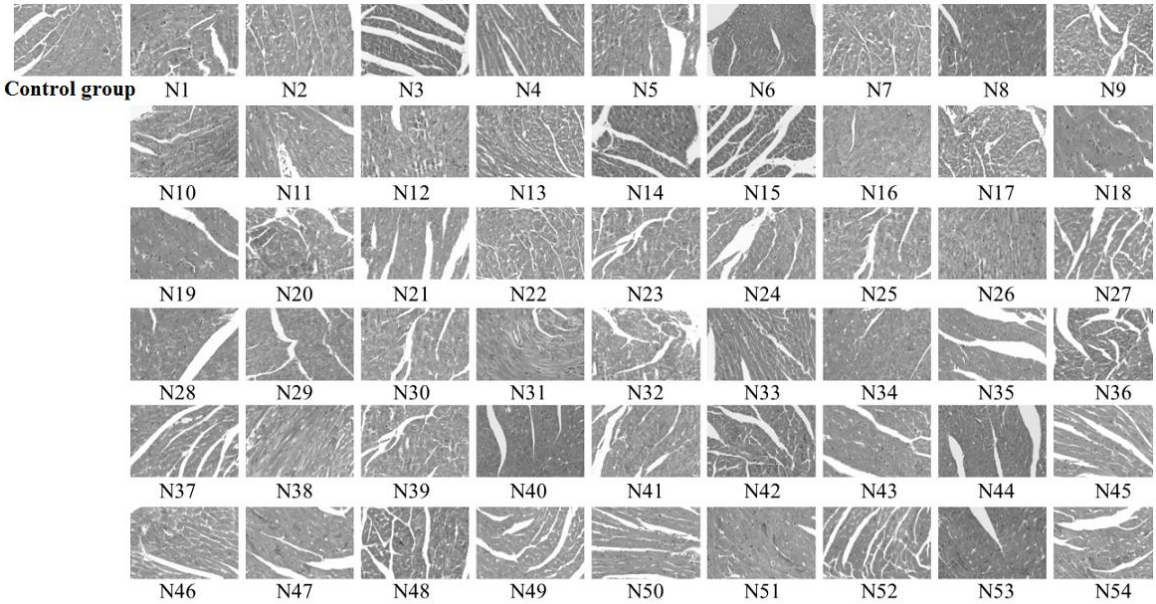


Figure 26

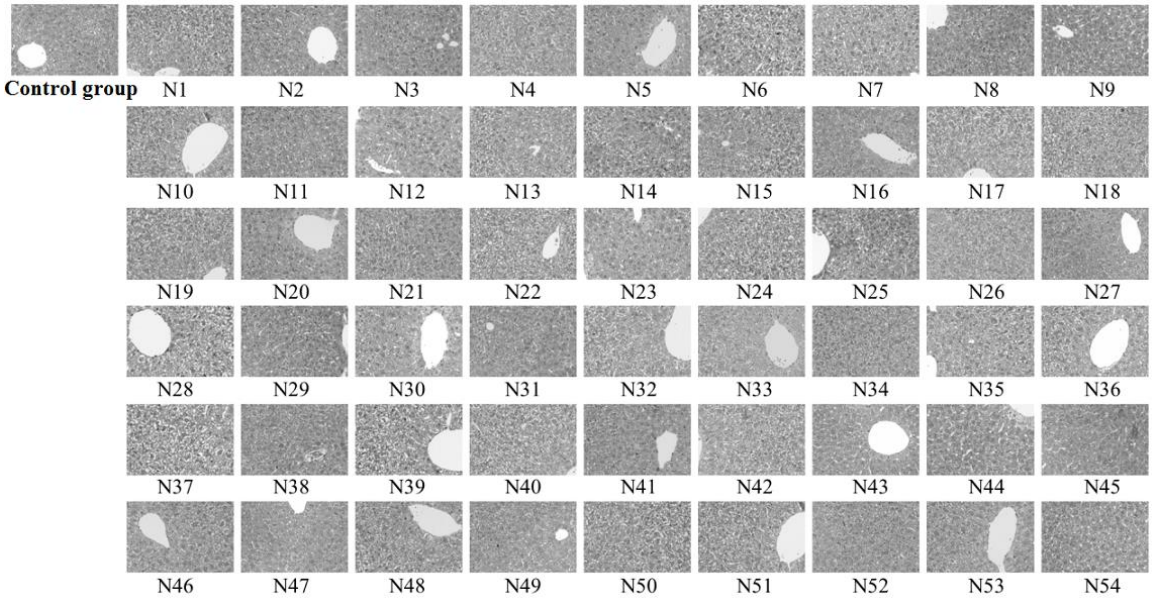


Figure 27

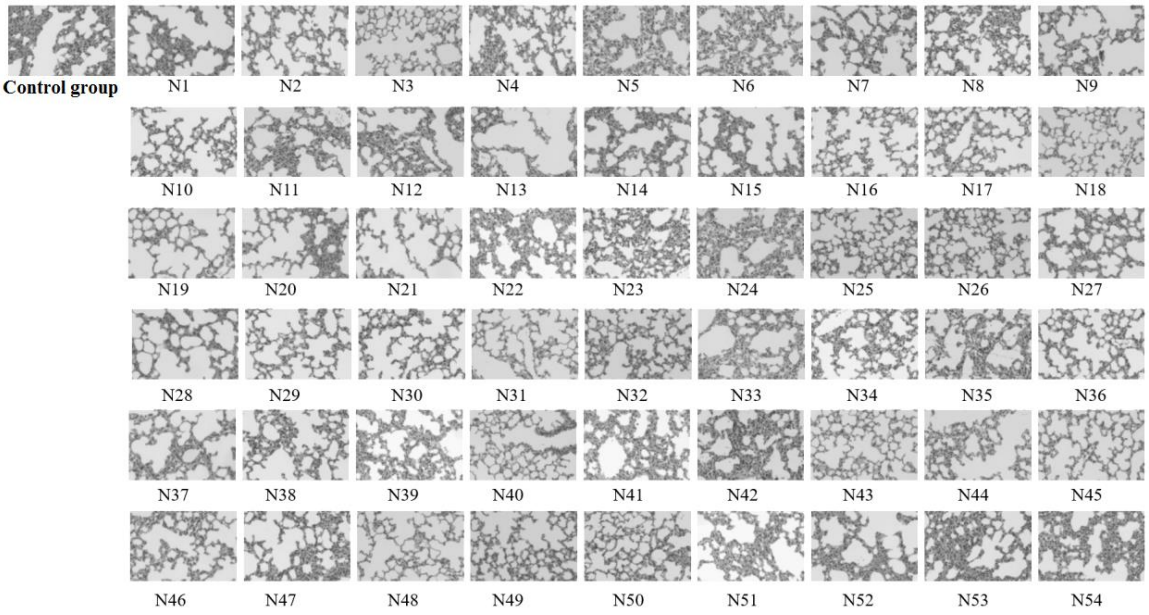


Figure 28

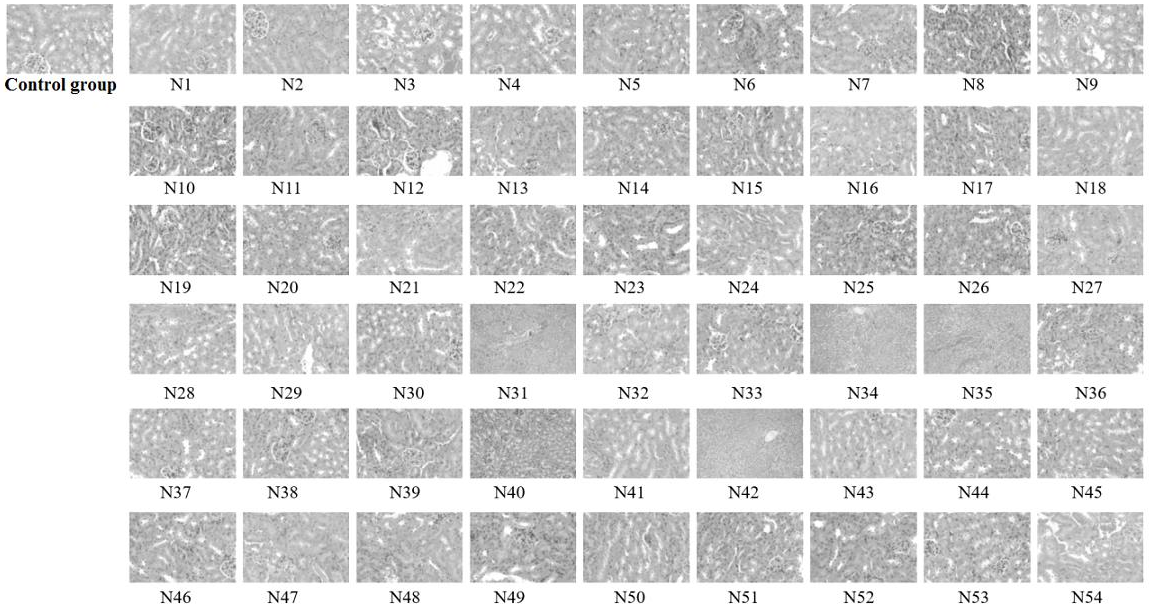


Figure 29

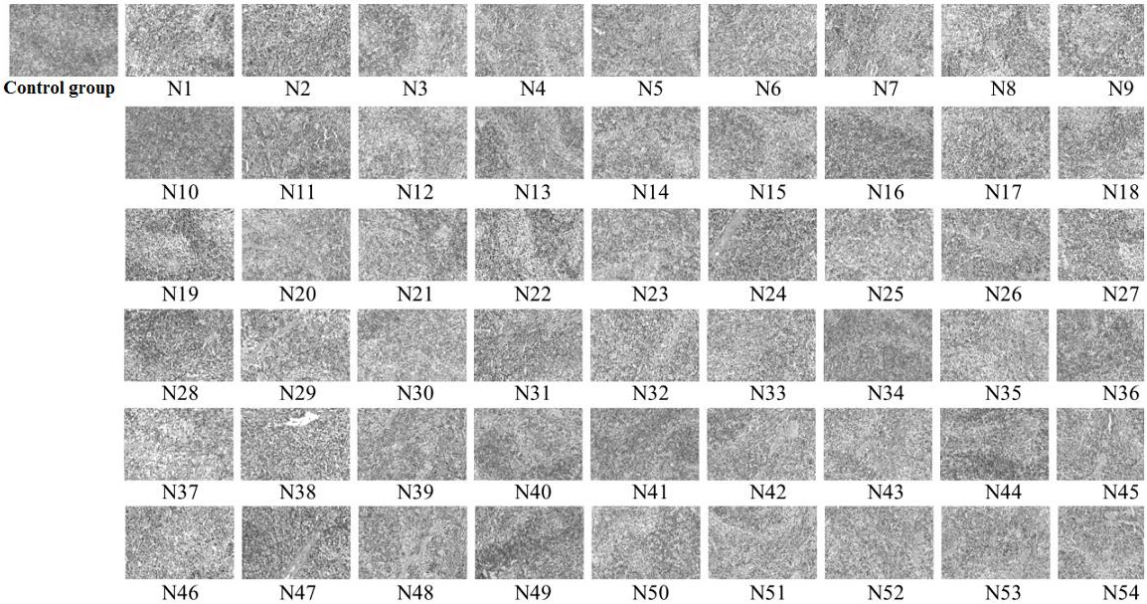

Control group
N1
N2
N3
N4
N5
N6
N7
N8
N9
N10
N11
N12
N13
N14
N15
N16
N17
N18
N19
N20
N21
N22
N23
N24
N25
N26
N27
N28
N29
N30
N31
N32
N33
N34
N35
N36
N37
N38
N39
N40
N41
N42
N43
N44
N45
N46
N47
N48
N49
N50
N51
N52
N53
N54

Figure 30