

Supplementary Information

Cell death induced by ozone and various non-thermal plasmas: therapeutic perspectives and limitations

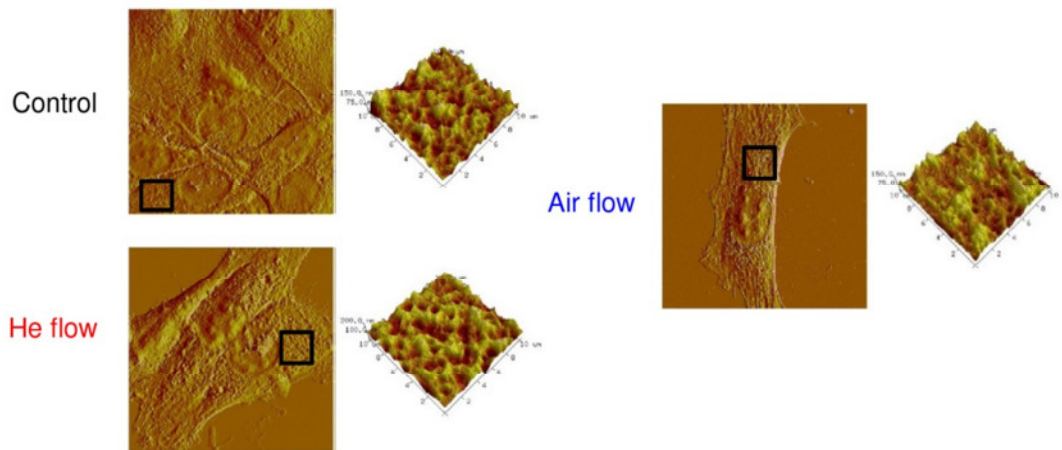
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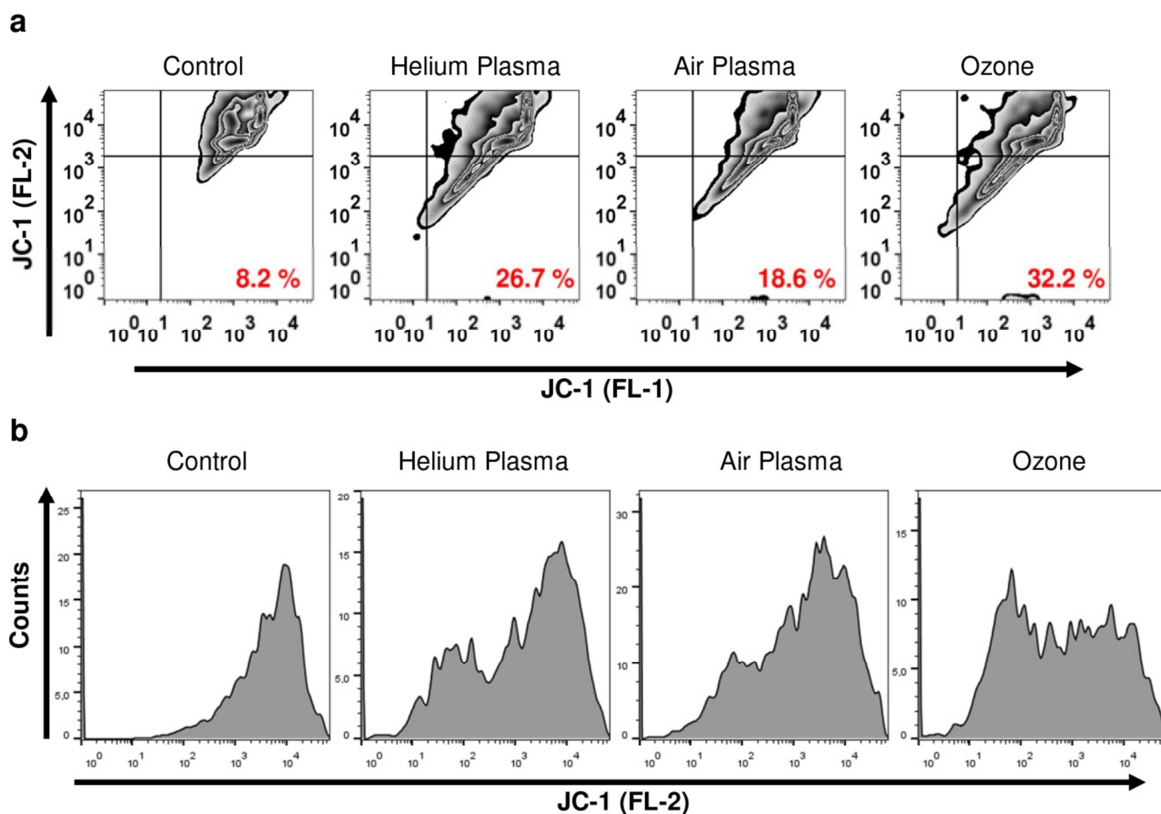
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Supplementary Figure S1 AFM analysis of cell membrane integrity. 3T3 fibroblasts were treated with air, helium flow (no plasma treatment), and then 4 h after treatment cells were fixed and imaged with AFM microscopy. Images represent a 90 x 90 μm area of scan. The black square areas indicate where a 3D 10 x 10 μm scan has been performed.



Supplementary Figure S2 Air, helium plasma and ozone effects on mitochondrial metabolic activity of 3T3 fibroblasts 4 h after treatment. (a, b) Assessment of mitochondrial membrane integrity state in treated cells with air and helium plasma in comparison with ozone. Cells were stained with JC-1 probe, the JC-1 fluorescence was measured using flow cytometry.