Supplementary information

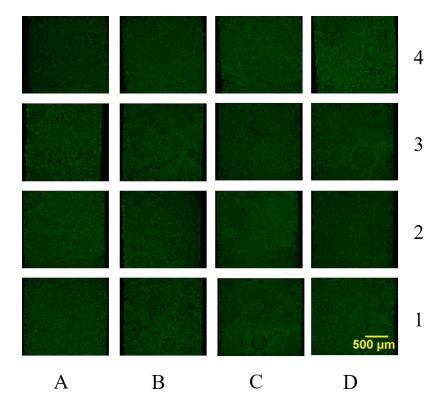
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- 3 Design of a microfluidic lung chip and its application in assessing the toxicity of
- 4 formaldehyde
- 5 Man Su¹, Xiang Li^{1,*}, Zezhi Li², Chenfeng Hua¹, Pingping Shang¹, Junwei Zhao¹, Kejian Liu¹, Fuwei
- 6 Xie^{1,*}
- 7 ¹ Key Laboratory of Tobacco Chemistry, Zhengzhou Tobacco Research Institute of CNTC, No. 2
- 8 Fengyang Street, Zhengzhou 450001, PR China
- 9 ² Beijing Technology and Business University, Beijing 100048, PR China
- 10 * Corresponding authors,
- 11 Xiang Li: <u>lixiang79ben@sina.com</u>
- 12 Fuwei Xie: xiefuwei@sina.com

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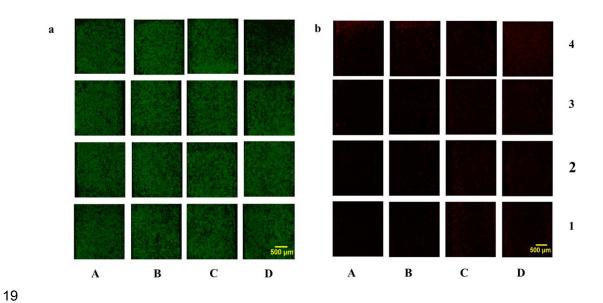
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SI S1. Staining of living cells on the chip at 24 h. A,B,C,D represent four gas channels; 1,2,3,4

18 represent four liquid channels.



SI S2. Cell staining results under formaldehyde exposure at the concentration of 6×10^{-5} mol/L. a. Cell staining result of live cells at 6×10^{-5} mol/L formaldehyde. b. Cell staining result of dead cells at 6×10^{-5} mol/L formaldehyde. A,B,C,D represent four gas channels; 1,2,3,4 represent four liquid channels.