

글로벌서울대약학포럼 연사 약력

1. 인적사항

성 명	도 준 상		
소속기관	서울대학교 재료공학부	직 위	부교수
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2. 학력 / 경력 / 주요 수상

연도	학교/기관	전공/직위	학위/비고
2019.3 ~ 현재	서울대학교	재료공학부/부교수	
2008.2~2019.2	포항공과대학교	시스템생명공학부/기계공학과/ 조교수/부교수	
2006.9~2008.2	UC San Francisco	Department of Pathology/ 박사후연구원	
2001.9~2006.6	MIT	Department of Chemical Engineering	박사
1995.3~1999.2	서울대학교	응용화학부	학사

3. 주요연구실적 (간단하게)

<p>▶ Selected Publications</p> <ol style="list-style-type: none"> 1. J. Lee, S.-E. Kim, D-W. Moon, and J. Doh*, A multilayered blood vessel/tumor tissue chip to investigate T cell infiltration into solid tumor tissues, <i>Lab Chip</i> (in press). 2. J. Park, Y. Shin, J.M. Kim, S. Kweon, A.Y. Song, D. Cho*, H.S. Kim*, and J. Doh*, Multi-functional microparticles with stimulation and sensing capabilities for facile NK cell activity assay, <i>ACS Sensors</i> 6, 693 (2021). 3. W. Park, K.H. Song, J. Lim, C.G. Park, J. Doh*, and D.K. Han*, Biomaterial-based strategies to prime dendritic cell-mediated anti-cancer immune responses, <i>Inter. Mater. Rev.</i> 65, 445 (2020). 4. D. Park, K. Son, Y. Hwang, J. Ko, Y. Lee, J. Doh*, and N.L. Jeon*, High-throughput microfluidic 3D cytotoxicity assay for cancer immunotherapy (CACI-IMPACT platform), <i>Front. Immunol.</i> 10, 1133 (2019). 5. S.-E. Kim, H.M. Kim, and J. Doh*, Single cell arrays of hematological cancer cells for assessment of lymphocyte cytotoxicity dynamics, serial killing, and extracellular molecules, <i>Lab. Chip</i> 19, 2009 (2019). 6. J. Park, T. Kim, J.C. Choi, and J. Doh*, In situ subcellular detachment of cells using a cell-friendly photoresist and spatially modulated light, <i>Adv. Sci.</i> 6 1900566 (2019). 7. H. Park, and J. Doh*, T cell migration in microchannels densely packed with T cells, <i>Sci. Rep.</i> 9, 7198 (2019). 8. S. Kweon, M-T.T. Phan, S. Chun, H.B. Yu, J. Kim, S. Kim, J. Lee, A.K. Ali, S.H. Lee, S.-K. Kim, J. Doh*, and D. Cho*, Expansion of human NK cells using K562 cells expressing OX40 ligand and short exposure to IL-21, <i>Front. Immunol.</i> 10, 879 (2019). 9. S.M. Park, H.M. Kim, K.H. Song, S. Eom, H. Park, J. Doh*, and D.S. Kim*, Ultra-thin, aligned, free-standing nanofiber membranes to recapitulate multi-layered blood vessel/tissue interface for leukocyte infiltration studies, <i>Biomaterials</i> 169, 22 (2018).
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