

## SSBH 2021 Curriculum Vitae

<b>Name</b>	<b>Han, Jin</b>
<b>Organization</b>	<b>Johns Hopkins University School of Medicine</b>
<b>Position &amp; Title</b>	<b>Research Associate</b>
<b>Educational background &amp; Professional experience</b>	
2021-Present	Johns Hopkins University School of Medicine, Research Associate
2017-2021	Johns Hopkins University School of Medicine, Research Fellow
2011-2017	Seoul National University, Ph.D
2009-2011	Cornell University, M.Eng
2005-2009	Johns Hopkins University, B.S.

### Research Interests

- Aging and senescence
- Immuno-tissue regeneration
- Development of age-associated immune/stromal network
- Development of various injury-associated immune/stromal network
- Screening of condition-specific senescence

### Publications

Faust H,\* Zhang H,\* **Han J.**\* Wolf M, Jeon OH, Sadtler K, Pena A, Chung L, Maestas D, Tam A, Pardoll D, Campisi J, Housseau F, Zhou D, Bingham C, Elisseeff J, IL-17 and Immunologically induced Senescence Regulate Response to Injury in Osteoarthritis. *J. Clin. Invest.*, 130(10), 5493-5507 (2020)

**Han J.**\* Kim YS,\* Lim M, Kim HY, Kong S, Kang M, Choo YW, Jun J, Ryu S, Jeong H, Park J, Jeong GJ, Lee JC, Eom GH, Ahn Y, Kim BS, Dual Roles of Graphene Oxide to Attenuate Inflammation and Elicit Timely Polarization of Macrophage Phenotypes for Cardiac Repair, *ACS Nano*, 12, 1959-1977 (2018)

Bhang SH,\* Jang WS,\* **Han J.**\* Yoon JK, La WG, Lee E, Kim YS, Shin JY, Lee TJ, Baik HK, Kim BS, Zinc Oxide Nanorod-based Piezoelectric Dermal Patch for Wound Healing, *Adv. Funct. Mater.*, 27, 1603497 (2017)

**Han J.**\* Park J,\* Kim BS, Integration of Mesenchymal Stem Cells with Nanobiomaterials for the Repair of Myocardial Infarction, *Adv. Drug Deliv. Rev.*, 95, 15-28 (2015)

**Han J.**\* Kim B,\* Shin JY, Ryu S, Noh M, Woo J, Park JS, Lee Y, Lee N, Hyeon T, Choi D, Kim

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BS, Iron Oxide Nanoparticle-mediated Development of Cellular Gap Junction Crosstalk to Improve Mesenchymal Stem Cells' Therapeutic Efficacy for myocardial Infarction, *ACS Nano*, 24, 2805-2819 (2015)

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