

CURRICULUM VITAE



Name: Sangyong Jon

Email: syjon@kaist.ac.kr

Phone: +82-42-350-2634

Fax: +82-42-350-2610

Position: Professor

Institution: KAIST

Location: Department of Biological Sciences, 291 Daehak-ro, Daejeon

34141, South Korea

Education:

1999: Ph.D, Chemistry, KAIST

1995: M.S, Chemistry, KAIST

1993: B.S, Chemistry, KAIST

Representative Careers:

2018 – present: KAIST Chair Professor

2012 – present: KAIST, Professor

2004 – 2012: GIST, Assistant Professor, Associated Professor, Professor

2002 - 2004: MIT, Postdoctoral Associate

Specialty & Present Interest:

- Nanomedicine for cancer imaging and therapy
- Cancer stem cells
- Immunotherapy

Representative papers (up to 5):

1. Choi M, Yu SJ, Choi Y, Lee HR, Lee E, Lee E, Lee Y, Song J, Son JG, Lee TG, Kim JY, Kang S, Baek J, Lee D, Im SG* and Jon S*, “Polymer thin film-induced tumor spheroids acquire cancer stem cell-like properties”, *Cancer Res.* 2018; in press.
2. Lee Y, Lee S, Lee DY, Yu B, Miao W and Jon S*, “Multi-stimul-responsive bilirubin nanoparticles for anticancer therapy”, *Angew. Chem. Int. Ed.* **2016**: 55(36), 10676-80. *Selected as ‘Hot Paper’*.
3. Lee Y, Kim H, Kang S, Lee J, Park J and Jon S*, “Bilirubin Nanoparticles as a Nanomedicine for Anti-inflammation Therapy”, *Angew. Chem. Int. Ed.* **2016**: 55(26), 7460-3.
4. Gujrati V, Lee M, Ko YJ, Lee S, Kim D, Kim H, Kang S, Lee S, Kim J, Jeon H, Kim SC, Jun Y* and Jon S*, “Bioengineered Yeast-derived Vacuoles with Enhanced Tissue Penetrating Ability for Targeted Cancer Therapy”, *Proc Natl Acad Sci* **2016**; 113(3): 710-715.
5. Kim D, Lee IH, Kim S, Choi M, Kim H, Ahn S, Saw PE, Jeon H, Lee Y and Jon S*. “A specific STAT3-binding peptide exerts anti-proliferative effects and antitumor activity by inhibiting STAT3 phosphorylation and signaling”, *Cancer Res.*, **2014**; 74(8), 2144-2151.