

- **Name: Sungsoon Fang**
- **Current Position: Assistant Professor, Yonsei University College of Medicine**
- **Country: Korea**
- **Educational Background:**
 - 1) **University of Illinois at Urbana-Champaign (2003~2008)**
Ph.D., Dept. of Molecular and Integrative Physiology
 - 2) **Seoul National University (1995~1999)**
B.S., Dept. of Molecular Biology
- **Professional Experiences:**
 - 1) **Sejong University (2015~2017)**
Dept. of Bioscience and Biotechnology
Assistant professor
 - 2) **The Salk Institute for Biological Studies (2008~2015)**
Post doc., Dept. of Gene Expression Laboratory
Advisor: Ronald M Evans, Ph.D.
- **Main Scientific Publications:**
 - 1) Kim K, Lee JM, Yu YS, Kim H, Nam HJ, Moon HG, Noh DY, Kim KI, **Fang S**, Baek SH (2017) ROR α 2 requires LSD1 to enhance tumor progression in breast cancer. *Scientific Reports* 7(11994): 1~11
 - 2) Kim K, Boo K, Yu YS, Oh SK, Kim H, Jeon Y, Bhin J, Hwang D, Kim KI, Lee JS, Im SS, Yoon SG, Kim Y, Seong JK, Lee H, **Fang S**^{*}, and Baek SH^{*} (2017) ROR α controls hepatic lipid homeostasis via negative regulation of PPAR γ transcriptional network. *Nature Communications* 8(162):1~15 (*co-corresponding author)
 - 3) Yoshihara E, Wei Z, Lin CS, **Fang S**, Ahmadian M, Kida Y, Tseng T, Dai Y, Yu RT, Liddle C, Atkins AR, Downes M, Evans RM (2016) ERR γ is required for the metabolic maturation of therapeutically functional glucose-responsive β cells. *Cell Metabolism* 23(4):622~634
 - 4) Bapat SP, Suh JM, **Fang S**, Liu S, Zhang Y, Cheng A, Zhou C, Liang Y, Leblanc M, Liddle C, Atkins AR, Yu RT, Downes M, Evans RM, Zheng Y (2015) Depletion of fat-resident Treg cells prevents age-associated insulin resistance. *Nature* 528(7580):137~141
 - 5) **Fang S**, Suh JM, Reilly SM, Yu E, Osborn O, Lackey D, Yoshihara E, Jacinto S, Lukasheva Y, Atkins A, Khvat A, Schnabl B, Yu RT, Brenner DA, Coulter S, Liddle C, Schoonjans K, Olefsky JM, Saltiel AR, Downes M and Evans RM (2015) Intestinal FXR agonism promotes browning and reduces obesity and insulin resistance. *Nature Medicine* 21(2):159~165