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Ph

**Education**

1987. 03- 1991.02	BS	POSTECH, Chemistry
1991. 03- 1995.02	MS	POSTECH, Chemistry
1995. 03- 1997.02	Ph.D.	POSTECH, Chemistry

**Professional Experience**

1997. 03-2000. 08	Post-doc	UC Berkeley, Scripps Research Institute
2000. 09-2007. 08	Asst/Assoc Prof.	NYU, Chemistry
2007. 09-20017. 04	Assoc Prof. / Prof.	NUS, Chemistry
2017.05 - present	Professor	POSTECH, Chemistry

**Publications**

- Neutrophil Selective Fluorescent Probe Development through Metabolism-Oriented Live-cell Distinction, Gao, M.; Lee, S. H.; Park, S. H.; Ciaramicoli, L. M.; Kwon, H. Y.; Cho, H.; Jeong, J.; Chang, Y. T.\* *Angew. Chem. Int. Ed. Engl.* 2021, 60, 23742-23749.
- Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes, Kwon, H. Y.; Kumar Das, R.; Jung, G. T.; Lee, H. G.; Lee, S. H.; Berry, S. N.; Tan, J. K. S.; Park, S.; Yang, J. S.; Park, S.; Baek, K.; Park, K. M.; Lee, J. W.; Choi, Y. K.; Kim, K. H.; Kim, S.; Kim, K. P.; Kang, N. Y.\*; Kim, K.\*; Chang, Y. T.\* *J. Am. Chem. Soc.* 2021, 143, 5836-5844.
- Multimodal imaging probe development for pancreatic  $\beta$ -cells: from fluorescence to PET, Kang, N. Y.; Lee, J.; Lee, S. H.; Song, I. H.; Hwang, Y. H.; Kim, M. J.; Phue, W. H.; Agrawalla, B. K.; Wan, S. Y. D.; Lalic, J.; Park, S. J.; Kim, J. J.; Kwon, H. Y.; Im, S. H.; Bae, M. A.; Ahn, J. H.; Lim, C. S.; Teo, A. K. K.; Park, S.; Kim, S. E.; Lee, B. C.; Lee, D. Y.\*; Chang, Y. T.\* *J. Am. Chem. Soc.* 2020, 142, 3430-3439.
- Imaging inflammation using an activated macrophage probe with Slc18b1 as the activation-selective gating target, Park, S. J.; Kim, B.; Choi, S.; Balasubramaniam, S.; Lee, S. C.; Lee, J. Y.; Kim, H. S.; Kim, J. Y.; Kim, J. J.; Lee, Y. A.; Kang, N. Y.; Kim, J. S.\*; Chang, Y. T.\* *Nat. Commun.* 2019, 10, 1111.