

- **Name:** Hongyoon Choi
- **Current Position & Affiliation:** Assistant Professor, Seoul National University Hospital
- **Country:** Korea

• Educational Background:

- 2014: Ph.D., Department of Molecular Medicine and Biopharmaceutical Sciences, Graduate School of Convergence Science and Technology, Seoul National University (Supervisor: Dong Soo Lee, M.D., Ph.D.)
- 2010: M.D., Seoul National University College of Medicine

• Professional Experience:

- 2018.9-Current: Assistant professor, Department of Nuclear Medicine, Seoul National University Hospital
- 2015-2018: Public Health Doctor, Cheon-An (Military Service)
- 2011-2015: Residency, Department of Nuclear Medicine, Seoul National University Hospital

• Professional Organizations:

- Assistant Director of Academic Committee, Korean Society of Nuclear Medicine

• Main Scientific Publications:

(selected, *: Corresponding author)

1. Bae S, **Choi H***, Lee DS*. Discovery of molecular features underlying the morphological landscape by integrating spatial transcriptomic data with deep features of tissue images. *Nucleic Acids Res.* 2021:gkab095.
2. Lee R, Shin JH, **Choi H***, Kim HJ, Cheon GJ, Jeon B. Variability of FP-CIT PET Patterns Associated With Clinical Features of Multiple System Atrophy. *Neurology.* 2021;96(12):e1663-e1671.
3. Park C, Na KJ, **Choi H***, Ock CY, Ha S, Kim M, Park S, Keam B, Kim TM, Paeng JC, Park IK, Kang CH, Kim DW, Cheon GJ, Kang KW, Kim YT, Heo DS. Tumor immune profiles noninvasively estimated by FDG PET with deep learning correlate with immunotherapy response in lung adenocarcinoma. *Theranostics.* 2020;10(23):10838-10848.
4. Na KJ, **Choi H***, Oh HR, Kim YH, Lee SB, Jung YJ, Koh J, Park S, Lee HJ, Jeon YK, Chung DH, Paeng JC, Park IK, Kang CH, Cheon GJ, Kang KW, Lee DS, Kim YT. Reciprocal change in Glucose metabolism of Cancer and Immune Cells mediated by different Glucose Transporters predicts Immunotherapy response. *Theranostics* 2020; 10(21):9579-9590.
5. Bae SW, Berth F, Jeong KY, Park JH, Choi JH, Park SH, Suh YS, Kong SH, Park DJ, Lee HJ, Lee C, Kim JI, Youn H, **Choi H***, Cheon GJ, Kang KW, Yang HK. Glucose metabolic profiles evaluated by PET associated with molecular characteristic landscape of gastric cancer. *Gastric*

Cancer. 2021 Aug 7. doi: 10.1007/s10120-021-01223-3.

6. **Choi H***, Na KJ. Pan-cancer analysis of tumor metabolic landscape associated with genomic alterations. Mol Cancer. 2018;17(1):150.