

CURRICULUM VITAE

Eun Young Choi, Ph.D.

Education

- 1997.2 **Ph.D** in Pathology
Seoul National University, College of Medicine, Seoul, Korea.
- 1992.2 **M.S.** in Biology
Seoul National University, College of Natural Science, Seoul, Korea
- 1990.2 **B.S.** in Biology
Seoul National University, College of Natural Science, Seoul, Korea.

Professional Experience

- 2004–present **Professor, Seoul National University College of Medicine, Korea.**
- 2002 – 2004 **Research Prof**, Seoul National University College of Medicine, Korea.
- 1999 - 2002 **Post-Doc**, The Jackson Laboratory, ME, USA.
- 1997 - 1999 **Post-Doc**, Institute of Allergy and Clinical Immunology, Seoul National University College of Medicine, Korea

Major Publications

1. Ju JM, Nam G, Lee YK, Chung M, Chang H, Kim W, Shon WJ, Lim JY, Kim JY, Chang J, Min CK, Lee DS, Choi KH, Shin DM, **Choi EY**. IDO1 scavenges reactive oxygen species in myeloid-derived suppressor cells to prevent graft-versus-host disease. *PNAS*. 2021. Mar 9;118(10):e2011170118.
2. **Choi EY*** (*correspondence), Choi K, Nam G, Kim W, Chung M. H60: Unique murine hematopoietic cell-restricted minor histocompatibility antigen for graft-versus-leukemia effect (**Invited Review**). *Front. Immunol.* 2020. June 10. 11:1163.
3. Ju JM, Jung MH, Nam G, Kim W, Oh S, Kim HD, Kim JY, Chang J, Lee SH, Park GS, Min CK, Lee DS, Kim MG, Choi K, **Choi EY**. Escape from thymic deletion and anti-leukemic effects of T cells specific for hematopoietic cell-restricted antigen. *Nat Commun.* 2018 Jan 15;9(1):225.
4. Lim JY, Lee YK, Lee SE, Ju JM, Eom KS, Kim YJ, Chung NG, Jeong DC. Park G. **Choi**

- EY***, Min CK*. MyD88 in donor bone marrow cells is critical for protection from acute intestinal graft-vs.-host disease. *Mucosal Immunol.* 2016. 9(3) :730-43. (*co-correspondence)
5. Kim J, Ryu SJ, Oh K, Ju JM, Jeon JY, Nam G, Lee DS, Kim HR, Kim J, Chang J, Sproule T, Choi K, Roopenian D, **Choi EY**. Memory programming in CD8(+) T-cell differentiation is intrinsic and is not determined by CD4 help. *Nat Commun.* 2015 Aug 2. 14;6:7994.
 6. Shon WJ, Lee YK, Shin JH, **Choi EY***, Shin DM* Severity of DSS-induced colitis is reduced in Ido1-deficient mice with down-regulation of TLR-MyD88-NF-kB transcriptional networks. *Sci Rep.* 2015 Nov 27. 5:17305. (* co-correspondence).
 7. Ryu SJ, Ju JM, Kim WJ, Kim MB, Oh KH, Lee DS, Lee H, Oh JE, Park KS, **Choi EY**. Alleviation of skin inflammation after Lin- cell transplantation correlates with their differentiation into myeloid-derived suppressor cells. *Sci Rep.* 2015 Oct 6; 5:14663.
 8. Yoo KI, Jeon JY, Ryu SJ, Nam G, Youn H, **Choi EY**. Subdominant H60 antigen-specific CD8 T-cell response precedes dominant H4 antigen-specific response during the initial phase of allogeneic skin graft rejection. *Exp Mol Med.* 2015 Feb 13;47:e140.
 9. Nam G, Lee YK, Lee HY, Ma MJ, Araki M, Araki K, Lee S, Lee IS, **Choi EY**. Interaction of CD99 with Its Paralog CD99L2 Positively Regulates CD99L2 Trafficking to Cell Surfaces. *J Immunol.* 2013 Dec 1;191(11):5730-42.