

Curriculum Vitae

1. Name: Yu-Kyeong Hwang



2. Office address:

Director / Vice President
Cell therapy Research Center
Green Cross LabCell Corp.
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3. Education

2002. 06. - 2003.05 : Indiana University, School of medicine,
Department of Immunology and Microbiology, Postdoctoral fellow
2000-2002: Department of medical Science, The Graduate School, Ajou University (Ph. D.)
1989-1992: Graduate School, Ewha Woman's University, Developmental Biology (M.S.)
1985-1989: Biology, Department of Natural Science, Ewha Woman's University (bachelor's degree)

4. Occupation

1990. 11 - 2001. 12: Mogam Biotechnology Research Institute Researcher
2002. 06. - 2003.05 : Indiana University, School of medicine,
Department of Immunology and Microbiology, Postdoctoral fellow
2004. 10. ~ 2010. 12: Mogam Biotechnology Research Institute, Principal Researcher
2006. 12. ~ 2011. 11 : Green Cross Corp. Central Research Institute, Principle Researcher
2009.09. ~ 2010. 08 : Sungkyunkwan University, School of natural science, Adjunct Professor
2011. 01. ~ 2014.08 : Mogam Biotechnology Research Institute, Research Director
Team leader of Cell Therapy
2014. 09. ~ Present : Green Cross LabCell, Director, Vice President
Cell Therapy Research Center

5. Publication

- 1) Phase I Study of Random Healthy Donor-Derived Allogeneic Natural Killer Cell Therapy in Patients with Malignant Lymphoma or Advanced Solid Tumors. *Cancer Immunol Res.* 2016 Mar;4(3):215-24.
- 2) Natural killer (NK) cells inhibit systemic metastasis of glioblastoma cells and have therapeutic effects against glioblastomas in the brain. *BMC Cancer.* 2015 Dec 24;15:1011.
- 3) Present and Future of Allogeneic Natural Killer Cell Therapy. *Front Immunol.* 2015 Jun 3;6:286.
- 4) Enhancing T Cell Immune Responses by B Cell-based Therapeutic Vaccine Against Chronic Virus Infection. *Immune Netw.* 2014 Aug;14(4):207-18.
- 5) GMP-Compliant, Large-Scale Expanded Allogeneic Natural Killer Cells Have Potent Cytolytic Activity against Cancer Cells In Vitro and In Vivo, *PLoS One.* 2013;8(1):e53611
- 6) Importance of NKG2D-NKG2D ligands interaction for cytolytic activity of natural killer cell, *Cell Immunol.* 2012 Mar-Apr;276(1-2):122-7
- 7) Human apolipoprotein(a) kringle V inhibits retinal neovascularization via suppression of fibronectin-mediated angiogenesis. *Diabetes.* 2012 Jun;61(6):1599-608
- 8) Overexpression of X-linked inhibitor of apoptosis protein (XIAP) is an independent unfavorable prognostic factor in childhood de novo acute myeloid leukemia. *J Korean Med Sci.* 2009 Aug;24(4):605-13.
- 9) Expression of Bmi-1 protein in tumor tissues is associated with favorable prognosis in breast cancer patients. *BREAST CANCER RESEARCH AND TREATMENT*, 113 (1):83-93, 2009
- 10) Overexpression of Apollon, an antiapoptotic protein, is associated with poor prognosis in childhood de novo acute myeloid leukemia. *Clin Cancer Res.* 2007 Sep 1;13(17):5109-14.
- 11) Neuronal Apoptosis Inhibitory Protein is Overexpressed in Patients with Unfavorable Prognostic Factors in Breast Cancer. *Journal of Korean Medical Science* 2007, 22 (Suppl): S17-23
- 12) Expression of Livin, an antiapoptotic protein, is an independent favorable prognostic factor in childhood acute lymphoblastic leukemia. *Blood* 2007, 109:471-477
- 13) Aven overexpression is associated with the presence of unfavorable prognostic factors at diagnosis and a poorer treatment outcome in childhood acute lymphoblastic leukemia. *Leukemia Research* 2006, 30:1019-1025
- 14) CD1d-Mediated Antigen Presentation to Natural Killer T (NKT) Cells. *Crit. Rev. Immunol.*, 2003, 23:403-419.
- 15) Protective effects on A2Kb transgenic mice that were immunized with Hepatitis B virus X antigen peptides by the activation of CD8+ T cells; XEP-3 specific CTL responses in the in

vitro culture. ImmuneNetwork, 2002, March

- 16) HLA-A2.1 restricted peptides from the HBx antigen induce specific CTL responses in vitro and in vivo, *Vaccine*, 2002, 20: 3770-3777
- 17) Identification of H-2K(b)-restricted T-cell epitopes within the nucleocapsid protein of Hantaan virus and establishment of cytotoxic T-cell clones. *J Med Virol.* 2000; 60:189-99.