Stanford

XIAOHUA LUO

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Bio

BIO

Academic Appointments

- Visiting Scholar, Stanford University School of Medicine (Holden Maecker Lab)

- Chief Physician / Associate Professor / Associate Research Scientist, The First Affiliated Hospital of Chongqing Medical University

Professional Education

- Visiting Scholar, Karolinska Institutet (Per Ljungman & Markus Maeurer Lab) (2016)

- Ph. D., Peking University Health Science Centre (2009)

- B.Med., Tongji Medical College, Huazhong University of Science and Technology (2001)

Selected Publications:

- Luo XH*, Zhu Y, Duan XQ, Peng W, Pei CX, Yang L, Li Q, Zhao M, Wang L. Histone HIST1 genes and tumor-infiltrating lymphocytes in a child with γδ T cell acute lymphoblastic leukemia by single-cell sequencing. Journal of Leukocyte Biology. 2025 Apr;117(4):qiaf022.

- Shui LP, Zhu Y, Duan XQ, Chen YT, Yang L, Tang XQ, Zhang HB, Xiao Q, Wang L, Liu L, Luo XH*. HBsAg (#)/HBsAb (#)/HBeAg (#)/HBeAb (+)/HBcAb (+) predicts a high risk of hepatitis B reactivation in patients with B # cell lymphoma receiving rituximab based immunochemotherapy. Journal of Medical Virology. 2023 Feb 3.

- Luo XH*, Poiret T, Liu Z, Meng Q, Nagchowdhury A, Ljungman P. Different recovery patterns of CMV-specific and WT1-specific T cells in patients with acute myeloid leukemia undergoing allogeneic hematopoietic cell transplantation: Impact of CMV infection and leukemia relapse. Frontiers in Immunology. 2022;13.

- Luo XH*, Meng Q, Liu Z, Paraschoudi G. Generation of high-affinity CMV-specific T cells for adoptive immunotherapy using IL-2, IL-15, and IL-21. Clinical Immunology. 2020 Aug 1;217:108456.

- Li S, Huang J, Zhang YL, Zhu Y, An YF, Du J, Zhang ZL, Xia Y, Liu L, Wang L, Luo XH*. Wiskott- Aldrich syndrome protein may be critical for CD8+ T cell function following MCMV infection. Cellular immunology. 2019 Apr 1;338:43-50.

- Luo XH, Meng Q, Rao M, Liu Z, Paraschoudi G, Dodoo E, Maeurer M. The impact of inflationary cytomegalovirus-specific memory T cells on anti-tumour immune responses in patients with cancer. Immunology. 2018 Nov;155(3):294-308.

- Zhenjiang L, Rao M, Luo X, Valentini D, von Landenberg A, Meng Q, Sinclair G, Hoffmann N, Karbach J, Altmannsberger HM, Jäger E. Cytokine Networks and Survivin Peptide-Specific Cellular Immune Responses Predict Improved Survival in Patients With Glioblastoma Multiforme. EBioMedicine. 2018 Jul 1;33:49-56.

- Liu Zhenjiang, Martin Rao, Xiaohua Luo, Elisabeth Sandberg, Jiri Bartek Jr, Esther Schoutrop, Anna von Landenberg, Qingda Meng, Davide Valentini, Thomas Poiret, Georges Sinclair, Inti- Harvey Peredo, Ernest Dodoo, and Markus Maeurer*. Mesothelin-specific Immune Responses Predict Survival of Patients With Brain Metastasis. EBioMedicine. 2017 Sep; 23: 20–24.

- Liu Z, Poiret T, Persson O, Meng Q, Rane L, Bartek J, Karbach J, Altmannsberger HM, Illies C, Luo X, Harvey-Peredo I. NY-ESO-1-and survivin-specific T-cell responses in the peripheral blood from patients with glioma. Cancer Immunology, Immunotherapy. 2018 Feb 1;67(2):237- 46.

- Liu Z, Meng Q, Bartek Jr J, Poiret T, Persson O, Rane L, Rangelova E, Illies C, Peredo IH, Luo X, Rao MV. Tumor-infiltrating lymphocytes (TILs) from patients with glioma. Oncoimmunology. 2017 Feb 1;6(2):e1252894.

- XH Luo, XJ Huang*, KY Liu, LP Xu, DH Liu. Protective immunity transferred by infusion of CMV- specific CD8+ T cells within donor grafts: its associations with CMV reactivation following unmanipulated allogeneic hematopoietic stem cell transplantation. Biol Blood Marrow Transplant 2010; 16(7):994-1004

- XH Luo, YJ Chang, LP Xu, DH Liu, KY Liu, XJ Huang*. The impact of graft composition on clinical outcomes in unmanipulated HLA-mismatched/ haploidentical haematopoietic SCT. Bone Marrow Transplant 2009; 43(1):29-36.