

Toshihito Hirai

Postdoctoral Research Fellow, Bone Marrow Transplantation

Bio

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Kanazawa University (2014)
- Doctor of Medicine, Kanazawa University (2003)

STANFORD ADVISORS

- Robert Negrin, Postdoctoral Faculty Sponsor
- Robert Negrin, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Activation of the DR3-TL1A Axis in Donor Mice Leads to Regulatory T Cell Expansion and Activation With Reduction in Graft-Versus-Host Disease** *FRONTIERS IN IMMUNOLOGY*
Mavers, M., Simonetta, F., Nishikii, H., Ribado, J., Maas-Bauer, K., Alvarez, M., Hirai, T., Turkoz, M., Baker, J., Negrin, R. S.
2019; 10
- **Tracking T Cell Activation By OX40 Immuno-PET: A Novel Strategy for Imaging of Graft Versus Host Disease**
Simonetta, F., Alam, I. S., Mayer, A. T., Murty, S., Vermesh, O., Hirai, T., Nobashi, T., Lau, K., Gambhir, S. S., Negrin, R. S.
AMER SOC HEMATOLOGY.2018
- **Invariant Natural Killer T Cell Subsets Have Diverse Functions: iNKT2 and iNKT17 Protect from Graft-Versus-Host-Disease, Whereas iNKT1 Have Antitumor Potential**
Maas-Bauer, K., Simonetta, F., Hirai, T., Wenokur, A., Fazal, F., Kambham, N., Ribado, J., Mavericks, M., Baker, J., Bhatt, A. S., Chang, H. Y., Negrin, R. S.
AMER SOC HEMATOLOGY.2018
- **Treatment of Donors with Death Receptor 3 Agonistic Fusion Protein TL1A-Ig (with and Without Low Dose IL-2) Leads to Regulatory T Cell Expansion and Activation with Reduction in Graft-Versus-Host Disease**
Mayers, M., Maas-Bauer, K., Nishikii, H., Simonetta, F., Alvarez, M., Hirai, T., Turkoz, M., Baker, J., Negrin, R. S.
ELSEVIER SCIENCE INC.2018: S191–S192
- **IL-2 Plus IL-15 Leads to Enhanced Ex Vivo Expansion of Human Invariant Natural Killer T Cells**
Mayers, M., Simonetta, F., Lee, A. W., Hirai, T., Maas-Bauer, K., Alvarez, M., Turkoz, M., Baker, J., Meyer, E., Negrin, R. S.
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