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Publications

PUBLICATIONS

- **CD22 CAR T cells demonstrate high response rates and safety in pediatric and adult B-ALL: Phase 1b results.** *Leukemia*
Schultz, L. M., Jeyakumar, N., Kramer, A. M., Sahaf, B., Srinagesh, H., Shiraz, P., Agarwal, N., Hamilton, M., Erickson, C., Jacobs, A., Moon, J., Baggott, C., Arai, et al
2024
- **CAR19 Therapy Drives Expansion of Clonal Hematopoiesis and Associated Cytopenias**
Hamilton, M. P., Sworder, B. J., Alig, S. K., Good, Z., Boegeholz, J., Schroers-Martin, J., Tamaresis, J., Esfahani, M., Lu, Y., Olsen, M., Liu, C., Ehlinger, Z., Desai, et al
AMER SOC HEMATOLOGY.2023
- **Distinct Circulating Genomic Features of Classical Hodgkin Lymphoma of Older Adults**
Rossi, C., Boegeholz, J., Alig, S. K., Garofalo, A., Esfahani, M., Schroers-Martin, J., Olsen, M., Kang, X., Kurtz, D. M., Sugio, T., Hamilton, M. P., Andre, M., Casasnovas, et al
AMER SOC HEMATOLOGY.2023
- **Inferred Gene Expression By Cell-Free DNA Profiling Allows Noninvasive Lymphoma Classification**
Mutter, J. A., Esfahani, M., Schroers-Martin, J., Alig, S. K., Hamilton, M. P., Sworder, B. J., Tessoulin, B., Boegeholz, J., Flerlage, T., Flerlage, J. E., Binkley, M. S., Sugio, T., Rossi, et al
AMER SOC HEMATOLOGY.2023
- **An Integrated Multimodal Framework for Noninvasive TCL Disease Detection and Monitoring**
Sugio, T., Shukla, N., Khodadoust, M. S., Nesselbush, M., Kato, K., Alig, S. K., Boegeholz, J., Schroers-Martin, J., Esfahani, M., Mutter, J. A., Garofalo, A., Jun, S., Hamilton, et al
AMER SOC HEMATOLOGY.2023
- **Manufacturing of a Subsequent Autologous CAR-T Product after Prior CAR-T Is Safe and Feasible**
Su, Y., Kramer, A., Hamilton, M. P., Agarwal, N., Feldman, S., Sahaf, B., Kuo, A., Mackall, C. L., Muffly, L. S., Miklos, D. B., Frank, M. J.
AMER SOC HEMATOLOGY.2023
- **Transcriptional Profiling Associated with CD22 CAR T Cell Clinical Response in LBCL**
Kramer, A., Hamilton, M. P., Prabhu, S., Desai, M., Kuo, A., Ehlinger, Z., Agarwal, N., Su, Y., Gkitsas, N., Fowler, C., Keerthi, V., Retherford, A., Klysz, et al
AMER SOC HEMATOLOGY.2023
- **Impact of Obesity on Efficacy, Safety, and Expansion Kinetics of Chimeric Antigen Receptor-T (CAR T) Therapy in Patients with Relapsed or Refractory Large B Cell Lymphoma (LBCL)**
Goyal, A., Bharadwaj, S., Lee, D., Lau, E., Hamilton, M. P., Jensen, A., Sahaf, B., Syal, S., Patil, S., Cancilla, J. E., Latchford, T., Weng, W., Smith, et al
AMER SOC HEMATOLOGY.2023
- **Long-Term Efficacy and Immune Reconstitution with Bendamustine As a Lymphodepleting Agent for Axicabtagene Ciloleucel (Axi-Cel) in Patients with Refractory or Relapsed Large B-Cell Lymphoma (LBCL)**
Bharadwaj, S., Lau, E., Goyal, A., Hamilton, M. P., Srinagesh, H., Jensen, A., Syal, S., Mallampet, J., Latchford, T., Sahaf, B., Weng, W., Smith, M., Maecker, et al
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- **Post-CAR-T Minimal Residual Disease (MRD) Monitoring in Mantle Cell Lymphoma Enables Early Relapse Detection**
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- **Analysis of PET-CT Derived Radiomic Biomarkers with Efficacy, Safety, and Expansion of Axicabtagene Ciloleucl (Axi-Cel) in Patients with Relapsed or Refractory Large B-Cell Lymphoma (LBCL)**
Bharadwaj, S., Lau, E., Hashmi, A., Hamilton, M. P., Jensen, A., Goyal, A., Marar, M., Lee, C., Ananth, S., Sahaf, B., Mallampet, J., Ehlinger, Z., Syal, et al
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- **Zika virus co-opts miRNA networks to persist in placental niches detected by spatial transcriptomics.** *American journal of obstetrics and gynecology*
Barrozo, E. R., Seferovic, M. D., Hamilton, M. P., Moorshead, D. N., Jochum, M. D., Do, T., O'Neil, D. S., Suter, M. A., Aagaard, K. M.
2023
- **Chimeric Antigen Receptor T-Cell Therapy in Aggressive B-Cell Lymphoma.** *Hematology/oncology clinics of North America*
Hamilton, M. P., Miklos, D. B.
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- **Determinants of resistance to engineered T cell therapies targeting CD19 in large B cell lymphomas.** *Cancer cell*
Sworder, B. J., Kurtz, D. M., Alig, S. K., Frank, M. J., Shukla, N., Garofalo, A., Macaulay, C. W., Shahrokh Esfahani, M., Olsen, M. N., Hamilton, J., Hosoya, H., Hamilton, M., Spiegel, et al
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- **Determinants of Resistance to Engineered T-Cell Therapies Targeting CD19 in Large B-Cell Lymphomas**
Sworder, B., Kurtz, D. M., Alig, S. K., Frank, M. J., Shukla, N. D., Garofalo, A., Macaulay, C., Esfahani, M., Olsen, M., Hamilton, J., Hosoya, H., Hamilton, M. P., Spiegel, et al
AMER SOC HEMATOLOGY.2022: 1301-1303
- **Higher Rates of Severe Infection and Persistent Cytopenias in Long-Term CAR19 Responders Than after Autologous HCT: A Single Institution Study of 139 Subjects**
Hamilton, M. P., Liu-Fei, F. C., Alig, S. K., Tamaresis, J., Esfahani, M., Good, Z., Sworder, B., Schroers-Martin, J., Liu, C., Severinsen, F., Hanson, P. J., Lu, Y., Lowsky, et al
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- **The Development of Carhlh after Axicabtagene Ciloleucl Is Associated with Poor Outcomes**
Philip, S., Srinagesh, H. K., Hamilton, M. P., Gentile, C., Mina, A., Arai, S., Johnston, L. J., Lowsky, R., Meyer, E. H., Negrin, R. S., Rezvani, A. R., Shiraz, P., Shizuru, et al
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- **Analysis of Bendamustine Lymphodepletion, CD19 CART Expansion, Safety and Efficacy in Patients with Rel/Ref NonHodgkin Lymphoma**
Bharadwaj, S., Hamilton, M. P., Sahaf, B., Tamaresis, J., Patil, S., Hanson, P. J., Latchford, T., Arai, S., Johnston, L. J., Lowsky, R., Negrin, R. S., Rezvani, A. R., Shizuru, et al
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- **Reverse fate mapping of CD19-targeted CAR T cells in patients with large B-cell lymphoma**
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- **Pan-cancer analysis of whole genomes** *NATURE*
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- **Cancer LncRNA Census reveals evidence for deep functional conservation of long noncoding RNAs in tumorigenesis** *COMMUNICATIONS BIOLOGY*
Carlevaro-Fita, J., Lanzos, A., Feuerbach, L., Hong, C., Mas-Ponte, D., Pedersen, J., Johnson, R., Abascal, F., Amin, S. B., Bader, G. D., Barenboim, J., Beroukhi, R., Bertl, et al
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- **Analyses of non-coding somatic drivers in 2,658 cancer whole genomes.** *Nature*
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