Relevant Publications - Stem Cell Transplant

Below is a list of publications relevant to stem cell transplants (SCT).

Selection of unrelated donors and cord blood units for hematopoietic cell transplantation: guidelines from the NMDP/CIBMTR.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6753623/

Effective desensitization for a strong donor-specific HLA antibody in a case of HLA-mismatched allogeneic hematopoietic cell transplantation.

The effect of donor characteristics on survival after unrelated donor transplantation for hematologic malignancy.

Nonpermissive HLA-DPB1 mismatch increases mortality after myeloablative unrelated allogeneic hematopoietic cell transplantation.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4199961/

Definitions of histocompatibility typing terms.

A T-cell epitope encoded by a subset of HLA-DPB1 alleles determines nonpermissive mismatches for hematologic stem cell transplantation.

Amino acid substitution at peptide-binding pockets of HLA class I molecules increases risk of severe acute GVHD and mortality.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3837514/

Identification of a permissible HLA mismatch in hematopoietic stem cell transplantation.
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3931192/

HLA-DP in unrelated hematopoietic cell transplantation revisited: challenges and opportunities.

The impact of amino acid variability on alloreactivity defines a functional distance predictive of permissive HLA-DPB1 mismatches in hematopoietic stem cell transplantation.
https://www.ncbi.nlm.nih.gov/pubmed/?term=PMID%3A+25445022

Functional distance between recipient and donor HLA-DPB1 determines nonpermissive mismatches in unrelated HCT.

Complement-Binding Donor-Specific Anti-HLA Antibodies and Risk of Primary Graft Failure in Hematopoietic Stem Cell Transplantation.
https://www.ncbi.nlm.nih.gov/pubmed/?term=PMID%3A+25985919

HapLogic: a predictive human leukocyte antigen-matching algorithm to enhance rapid identification of the optimal unrelated hematopoietic stem cell sources for transplantation.
https://www.ncbi.nlm.nih.gov/pubmed/?term=PMID%3A+27496216