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ABBREVIATIONS

ADCC: antibody-dependent cellular cytotoxicity; APC: antigen-presenting cells; ATG: anti-thymocyte globulin; B-LCL: B-lymphoblastoid cell lines; CDC: complement-dependent cytotoxicity; CMV: Cytomegalovirus; CNI: calcineurin inhibitors; CsA: cyclosporine A; CTL: cytotoxic T lymphocytes; CTLP: cytotoxic T-lymphocyte precursor; DAF: decay-accelerating factor; DCCT-trial: diabetes control and complication trial; DSA: donorspecific antibodies; EBV: Epstein Barr virus; ELISA: enzyme-linked immunosorbent assay; EF1α: elongation factor 1-alpha; FITC: fluorescein isothiocyanate; GAD(A): glutamate decarboxylase (antibodies); GM-CSF: granulocyte-macrophage colony-stimulating factor; hESC: human embryonic stem cell; hESC-EC: hESC-derived endocrine cell; hESC-PE: hESC-derived pancreatic endodermal cell; HLA: human leukocyte antigen; hsp60: heat-shock protein 60; IAA: insulin autoantibodies; ICA: islet cell antibodies; IEQ: islet equivalents; IFNγ: interferon gamma; IL: interleukin; IQR: inter quartile range; JDF units: Juvenile Diabetes Foundation units; MCF: membrane cofactor protein; MFI: mean fluorescence intensity; MLC: mixed lymphocyte culture; MIP: membrane attack complex-inhibitory protein; MMR: mixed lymphocyte reaction; MMP: matrix metalloproteinase; NGF: nerve growth factor; OPG: osteoprotegerin; ODN: oligodeoxynucleotide; PBL: peripheral blood lymphocytes; PBMC: peripheral blood mononuclear cells; PPI: preproinsulin; PRA: panel-reactive antibody; PTEC: primary tubular epithelial cell; SI: stimulation index; SPKT: Simultaneous Pancreas and Kidney Transplantation; Th(1): T helper (type 1); TNF: tumor necrosis factor.

CYTOKINES

BDNF: brain-derived neurotrophic factor; CCL/CXCL/XCL: CC/CXC/XC chemokine ligand; EGF: epidermal growth factor; FAS-L: FAS-ligand; G/GM/M-CSF: granulocyte/macrophage/monocyte colony-stimulating factor; HGF: hepatocyte growth factor; IFNγ: interferon gamma; IL: interleukin; IL-1RII: IL-1 receptor II; IL-18BP: IL-18 binding protein; 18K: kidney injury molecule; LIF: leukemia inhibitory factor; MIP: macrophage migration inhibitory factor; MMP: matrix metalloproteinase; NGF: nerve growth factor; OPG: osteoprotegerin; ODN: oligodeoxynucleotide; OMP: oncostatin M; PAI: plasminogen activator inhibitor; RBP: retinol binding protein; SAA: Serum amyloid A; sCD: soluble CD; SCF: stem cell factor; sCAM: soluble intercellular adhesion molecule; sPD: soluble programmed death; sSCF-R: soluble stem cell factor receptor; sVCAM: soluble vascular adhesion molecule; TNF-R: tumor necrosis factor receptor; TREM: triggering receptor expressed on myeloid cells; TIMP: tissue inhibitor of metalloproteinases; TSLP: thymic stromal lymphopoietin; VEGF: vascular endothelial growth factor.

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