

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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بالرسالة صفحات
لم ترد بالأصل



Role of Early Estimation of Regenerating Islet-Derived 3-Alpha (REG3 α) in Hematopoietic Stem Cell Transplantation Patients as a Prognostic Marker for Acute Lower Gastrointestinal Graft versus Host Disease

Thesis

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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالَ

لَسْبَحَانَكَ لَا يَلْمُ لَنَا
إِلَّا مَا عَلِمْتَنَا إِنَّكَ أَنْتَ
الْعَلِيمُ الْعَظِيمُ

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List of Abbreviations

Abb.	Full term
<i>AA</i>	<i>Aplastic anaemia</i>
<i>AAT</i>	<i>α_1-Antitrypsin</i>
<i>ADAM-TS13</i>	<i>A disintegrin and metalloproteinase with a thrombospondin type 1 motif, member 13</i>
<i>AFOP</i>	<i>Acute Fibrinous and Organizing Pneumonia</i>
<i>aGVHD</i>	<i>Acute graft versus host disease</i>
<i>AIHA</i>	<i>Autoimmune hemolytic anemia</i>
<i>ALL</i>	<i>Acute lymphoblastic leukaemia</i>
<i>Allo</i>	<i>Allogeneic transplantation</i>
<i>ALT</i>	<i>Alanine aminotransferase</i>
<i>AML</i>	<i>Acute myeloid leukemia</i>
<i>ANC</i>	<i>Absolute neutrophil count</i>
<i>APCs</i>	<i>Antigen presenting cells</i>
<i>APL</i>	<i>Acute promyelocytic leukaemia</i>
<i>ATG</i>	<i>Anti-thymocyte globulin</i>
<i>Auto</i>	<i>Autologous transplantation</i>
<i>BM</i>	<i>Bone marrow</i>
<i>BMT</i>	<i>Bone marrow transplantation</i>
<i>BOS</i>	<i>Bronchiolitis obliterans</i>
<i>C. Diff.</i>	<i>Clostridium difficile</i>
<i>CB</i>	<i>Cord blood</i>
<i>CCR5</i>	<i>C-C chemokine receptor type 5</i>
<i>cGVHD</i>	<i>Chronic graft versus host disease</i>
<i>CK-18</i>	<i>Cytokeratin 18</i>
<i>CLL</i>	<i>Chronic lymphocytic leukemia</i>
<i>CML</i>	<i>Chronic myeloid leukemia</i>
<i>CMV</i>	<i>Cytomegalovirus</i>
<i>CNIs</i>	<i>Calcineurin inhibitors</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>CO</i>	<i>Clinical option</i>
<i>COP</i>	<i>Cryptogenic organizing pneumonia</i>
<i>CP</i>	<i>Chronic phase</i>
<i>CR</i>	<i>Complete remission</i>
<i>CRP</i>	<i>C reactive protein</i>
<i>CsA</i>	<i>Cyclosporins</i>
<i>CSF-1</i>	<i>Colony-stimulating factor 1</i>
<i>CTCL</i>	<i>Cutaneous T cell lymphoma</i>
<i>CTLA4</i>	<i>Cytotoxic T lymphocyte antigen 4</i>
<i>CXCR4</i>	<i>CXC chemokine receptor 4</i>
<i>Cy</i>	<i>Cyclophosphamide</i>
<i>D</i>	<i>Developmental</i>
<i>DAH</i>	<i>Diffuse alveolar hemorrhage</i>
<i>DAMP</i>	<i>Damage-associated molecular pattern</i>
<i>DCs</i>	<i>Dendritic cells</i>
<i>DIPSS</i>	<i>Dynamic International Prognostic Score System</i>
<i>DLBCL</i>	<i>Diffuse large B cell lymphoma</i>
<i>DLI</i>	<i>Donor lymphocyte infusion</i>
<i>EBMT</i>	<i>European Society for Blood and Marrow Transplantation</i>
<i>ECP</i>	<i>Extracorporeal photopheresis</i>
<i>EGF</i>	<i>Epidermal growth factor</i>
<i>ELISA</i>	<i>Enzyme-linked immune sorbent assay</i>
<i>ESR</i>	<i>Erythrocyte sedimentation rate</i>
<i>FL</i>	<i>Follicular lymphoma</i>
<i>FMT</i>	<i>Fecal microbiota transplantation</i>
<i>G-CSF</i>	<i>Granulocyte colony stimulating factor</i>
<i>GI</i>	<i>Gastrointestinal</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>GNR</i>	<i>Generally not recommended</i>
<i>GVHD</i>	<i>Graft versus host disease</i>
<i>GvL</i>	<i>Graft-versus-leukemia</i>
<i>HC</i>	<i>Hemorrhagic cystitis</i>
<i>HDACi</i>	<i>Histone deacetylase inhibitors</i>
<i>HGF</i>	<i>Hepatocyte growth factor</i>
<i>HIP</i>	<i>Heptocarcinoma-intestine-pancreas</i>
<i>HL</i>	<i>Hodgkin lymphoma</i>
<i>HLA</i>	<i>Human leukocyte antigen</i>
<i>HMGB-1</i>	<i>High-mobility group box 1</i>
<i>HRP</i>	<i>Horseradish peroxidase</i>
<i>HS</i>	<i>Highly significant</i>
<i>HSCs</i>	<i>Hematopoietic stem cells</i>
<i>HSCT</i>	<i>Hematopoietic stem cell transplantation</i>
<i>IL-2</i>	<i>Interleukin-2</i>
<i>IMA</i>	<i>Inferior mesenteric artery</i>
<i>IPI</i>	<i>International Prognostic Index</i>
<i>IPS</i>	<i>Idiopathic Pneumonia Syndrome</i>
<i>IQR</i>	<i>Inter-quartile range</i>
<i>ISCs</i>	<i>Intestinal stem cells</i>
<i>ITP</i>	<i>Idiopathic thrombocytopenic purpura</i>
<i>IVIG</i>	<i>Intravenous immunoglobulin</i>
<i>KRT18</i>	<i>Keratin 18</i>
<i>LDH</i>	<i>Lactate dehydrogenase</i>
<i>LGI</i>	<i>Lower gastrointestinal</i>
<i>LIF</i>	<i>Leukemia inhibitory factor</i>
<i>MA</i>	<i>Myeloablative</i>
<i>MAC</i>	<i>Myeloablative conditioning regimens</i>
<i>MAPCs</i>	<i>Multi-potent adult progenitor cells</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>MAPCs</i>	<i>Multi-potent adult progenitor cells</i>
<i>MCL</i>	<i>Mantle cell lymphoma</i>
<i>MDS</i>	<i>Myelodysplastic syndromes</i>
<i>MDSC</i>	<i>Myeloid-derived suppressor cells</i>
<i>MEK</i>	<i>Mitogen-activated protein kinase</i>
<i>mHA</i>	<i>Minor histocompatibility antigens</i>
<i>MHC</i>	<i>Major histocompatibility complex</i>
<i>MiR</i>	<i>Micro RNA</i>
<i>MM</i>	<i>Multiple myeloma</i>
<i>MMAD</i>	<i>Mismatched alternative donors</i>
<i>MMF</i>	<i>Mycophenolate mofetil</i>
<i>8-MOP</i>	<i>8-methoxypsoralen</i>
<i>MRD</i>	<i>Minimal residual disease</i>
<i>MSCs</i>	<i>Mesenchymal stromal cells</i>
<i>MSD</i>	<i>Matched sibling donor</i>
<i>MTX</i>	<i>Methotrexate</i>
<i>MUD</i>	<i>Matched unrelated donor</i>
<i>NA</i>	<i>Not applicable</i>
<i>NFAT</i>	<i>Nuclear factor of activated T-cell</i>
<i>NIH</i>	<i>National Institutes of Health</i>
<i>NKs</i>	<i>Natural killer cells</i>
<i>NKTs</i>	<i>Natural killer T cells</i>
<i>NMA</i>	<i>Non- Myeloablative</i>
<i>NPV</i>	<i>Negative predictive value</i>
<i>NRM</i>	<i>Non relapse mortality</i>
<i>NS</i>	<i>Non significant</i>
<i>OD</i>	<i>Optical density</i>
<i>PAMP</i>	<i>Pathogen-associated molecular pattern</i>
<i>PAP</i>	<i>Pancreatic associated protein</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>PBSC</i>	<i>Peripheral blood stem cells</i>
<i>PDGF</i>	<i>Platelet-derived growth factor</i>
<i>PERDS</i>	<i>Peri-engraftment respiratory distress syndrome</i>
<i>PFT</i>	<i>Pulmonary function tests</i>
<i>PGF</i>	<i>Poor graft function</i>
<i>PID</i>	<i>Primary immunodeficiencies</i>
<i>PLT</i>	<i>Platelets</i>
<i>PNH</i>	<i>Paroxysmal nocturnal hemoglobinuria</i>
<i>PPV</i>	<i>Positive predictive value</i>
<i>PR</i>	<i>Partial remission</i>
<i>PRCA</i>	<i>Pure Red Cell Aplasia</i>
<i>PTLD</i>	<i>Posttransplant lymphoproliferative disorder</i>
<i>RA</i>	<i>Refractory anaemia</i>
<i>RAEB</i>	<i>Refractory anaemia with excess blasts</i>
<i>RCD</i>	<i>Refractory coeliac disease</i>
<i>RCMD</i>	<i>Refractory cytopenia with multilineage dysplasia</i>
<i>REG3α</i>	<i>Regenerating islet-derived 3-α</i>
<i>RFS</i>	<i>Relapse-free survival</i>
<i>rhEPO</i>	<i>Recombinant human erythropoietin</i>
<i>RIC</i>	<i>Reduced Intensity Conditioning</i>
<i>ROC</i>	<i>Receiver operating characteristic curve</i>
<i>ROCK1</i>	<i>Rho-associated protein kinase 1</i>
<i>R-Spo1</i>	<i>R-spondin1</i>
<i>S</i>	<i>Standard of care</i>
<i>SAA</i>	<i>Severe aplastic anaemia</i>
<i>sAML</i>	<i>Secondary acute myeloid leukaemia</i>
<i>SCID</i>	<i>Severe combined immunodeficiencies</i>
<i>SKALP</i>	<i>Skin-derived antileukoprotease</i>

List of Abbreviations (Cont...)

Abb.	Full term
<i>SMA</i>	<i>Superior mesenteric artery</i>
<i>SOS</i>	<i>Sinusoidal obstruction syndrome</i>
<i>SPSS</i>	<i>Statistical Package for Social Science</i>
<i>ST2</i>	<i>Suppression of tumorigenicity 2</i>
<i>TA-TMA</i>	<i>Transplantation-associated thrombotic microangiopathy</i>
<i>TBI</i>	<i>Total body irradiation</i>
<i>Tc1</i>	<i>T-cytotoxic 1</i>
<i>TCD</i>	<i>T cell depletion</i>
<i>TCL</i>	<i>T cell lymphoma</i>
<i>Teff</i>	<i>Effector T cells</i>
<i>TGFβ</i>	<i>Tumour growth factor β</i>
<i>Th1</i>	<i>T-helper 1</i>
<i>TIM-3</i>	<i>T-cell immunoglobulin and mucin-domain containing-3</i>
<i>TIM3</i>	<i>T-cell immunoglobulin domain and mucin domain</i>
<i>TKI</i>	<i>Tyrosine kinase inhibitors</i>
<i>TNFR1</i>	<i>Tumor necrosis factor receptor 1</i>
<i>TNFα</i>	<i>Tumour necrosis factor-α</i>
<i>TRA</i>	<i>Thrombopoietin receptor agonist</i>
<i>TRALI</i>	<i>Transfusion-Related Acute Lung Injury</i>
<i>Tregs</i>	<i>T regulatory cells</i>
<i>TRM</i>	<i>Treatment-related mortality</i>
<i>TTP</i>	<i>Thrombotic thrombocytopenic purpura</i>
<i>UCB</i>	<i>Umbilical cord blood</i>
<i>VEGF</i>	<i>Vascular endothelial growth factor</i>
<i>VOD</i>	<i>Veno-occlusive disease</i>
<i>WM</i>	<i>Waldenström macroglobulinemia</i>
<i>α-GalCe</i>	<i>Alpha-galactosylceramide</i>