

Immunologic Signatures Of Rejection

[DOWNLOAD HERE](#)

1;Contents;6 2;Part I:Preamble;10 2.1;From the Delayed Allergy Reaction to the Immunologic Constant of Rejection ;11 2.1.1;From the Delayed Allergy Reaction to the Immunologic Constant of Rejection;11 2.1.2;Interferon Regulatory Factor (IRF)-1: Master Switch of Inflammation;13 2.1.3;The Recurrent Themes Defining the Signatures of Rejection;13 2.1.4;References;14 3;Part II:The Immune Biology of Rejection:Basic Principles;17 3.1;The Yin Yang of Cancer RelatedInflammation;18 3.1.1;Introduction;18 3.1.2;Recruitment of TAM;19 3.1.3;Plasticity of TAM and Promotion of Metastasis;19 3.1.4;Protective Inflammation and Macrophage Activation;20 3.1.5;References;20 3.2;The Immune Rejection: Lessonsfrom Experimental Models;24 3.2.1;Introduction;24 3.2.2;Rejection of Intestinal Microbiota;25 3.2.3;Rejection of Acute Infections;26 3.2.4;Chronic Inflammation in Obesity;27 3.2.5;Tumor Rejection;28 3.2.6;Concluding Remarks;30 3.2.7;References;30 3.3;Turning on and off the Immunological Switch: Immune Response Polarization and Its Control by IL-10 and STAT3;33 3.3.1;T Helper Cell Lineages;33 3.3.2;Differentiation and Activation of T Helper Lineages;35 3.3.3;Function and Plasticity of Th and Treg Lineages In Vivo;36 3.3.4;IL-10 Controls Inflammation;37 3.3.5;Regulation of IL-10 Production;39 3.3.6;IL-10 Signaling and Role of STAT3 in its Regulatory Functions;40 3.3.7;IL-10 has Superior Anti-Inflammatory Activity Compared with Other STAT3-Signaling Cytokines: Role of SOCS3;42 3.3.8;Molecular Mechanisms of the IL-10-Mediated Anti-Inflammatory Effects;43 3.3.9;Roles of STAT3 in Health and Disease;46 3.3.10;Roles of STAT3 in Cancer;47 3.3.11;STAT3 and IL-10 in Cancer-Promoting Inflammation;48 3.3.12;IL-10 Inhibition Facilitates Immune Responses to Tumors;48 3.3.13;Targeting STAT3 Facilitates Anti-Tumor Immune Responses;50 3.3.14;Conclusions;54 3.3.15;References;54 3.4;The Angiogenic Switch: Role of Immune Cells;62 3.4.1;Introduction;62 3.4.2;Innate Immunity;64 3.4.2.1;Macrophages and the Macrophage Polarization Paradigm;64 3.4.2.2;Tumor Associated Macrophages (TAMs);65 3.4.2.3;Tie2 Expressing Macrophages;66 3.4.3;Myeloid Derived Suppressor Cells (MDSCS);67 3.4.4;Granulocytes;67 3.4.5;Mast Cells;69 3.4.6;Dendritic Cells;70 3.4.6.1;DCs and Angiogenesis;70 3.4.7;NK Cells;71 3.4.7.1;NK Localization;72 3.4.8;Specific Immunity;72 3.4.9;Conclusions;72 3.4.10;References;73 3.5;Chemokines and Cytotoxic

Effector Molecules in Rejection;81 3.5.1;Chemokines;82 3.5.1.1;Translation to Clinical Utility;85
3.5.2;Cytotoxic Effector Molecules;88 3.5.3;Conclusion;90 3.5.4;References;91 3.6;Clinical Applications
of Activated Immune Cells;97 3.6.1;Introduction;97 3.6.2;Immune Therapy for Viral Infections;97
3.6.2.1;Cytomegalovirus;97 3.6.3;Immune Therapy for Viral Induce Malignancies;98
3.6.3.1;Posttransplant EBV-Associated Lymphoproliferative Disease;98 3.6.4;Immune Therapy for
Leukemia;99 3.6.4.1;Donor Leukocyte Infusions;99 3.6.4.2;NK Cells;99 3.6.5;Immune Therapy for
Cancer;100 3.6.5.1;Tumor Infiltrating Leukocytes for Melanoma;100 3.6.5.2;Dendritic Cells;101
3.6.5.3;New Directions;104 3.6.6;References;104 4;Part III:Circulating Patterns Associated with Chronic
and Acute Immune Pathology;107 4.1;Blood Transcriptional Fingerprints to Assess the Immune Status of
Human Subjects;108 4.1.1;Blood Transcript Profiling;108 4.1.2;Profiling Human Subjects in Health and
Disease;110 4.1.2.1;Profiling Autoimmune Diseases;110 4.1.2.2;Profiling Infectious Diseases;111
4.1.2.3;Profiling other Diseases;112 4.1.3;Technology Primer (Fig. 1);113 4.1.4;Microarray Data
Analysis;114 4.1.4.1;Analysis Primer;115 4.1.4.2;Analysis of Significance Patterns;116 4.1.4.3;A Modular
Analysis Framework;117 4.1.4.4;Interpretation;118 4.1.5;Conclusions;120 4.1.6;References;120
4.2;Innate Signatures of Immune Mediated Resolution and Persistence of Hepatitis C Virus Infections;129
4.2.1;HCV Disease and Therapy;130 4. EAN/ISBN : 9781441972194 Publisher(s): Springer, Berlin,
Springer Science & Business Media Discussed keywords: Immunologie Format: ePub/PDF Author(s):
Marincola, Francesco M. - Wang, Ena

[DOWNLOAD HERE](#)

Similar manuals:

[Immunologic Signatures Of Rejection](#)