# Table of Contents

- **Dedication**
- **Preface**
- **List of Contributors**
- **HLA Class I Antigen-Processing Machinery and HLA Class I Antigen-Derived Peptide-Complex Defects in Tumor-Cell Escape**
  - Michael Campoli, Chien-Chung Chang, Xin-Hui Wang, Soldano Ferrone
- **Immune Defects in T Cells From Cancer Patients: Parallels in Infectious Diseases**
  - Augusto C. Ochoa, Paulo C. Rodriguez, Jovanny Zabaleta, Pelayo Correa, Arnold H. Zea
- **Malfunction of the Dendritic Cell System in Cancer**
  - Zoya R. Yurkovetsky, Irina L. Tourkova, Levent Balkir, Lori Perez, Galina V. Shurin, Gurkamal S. Chatta, Michael R. Shurin
- **CD4+ T-Cell-Mediated Immunity to Cancer**
  - Tomohide Tatsumi, Amy Wesa, James H. Finke, Ronald M. Bukowski, Walter J. Storkus
- **Immunological Ignorance in Cancer**
  - Koji Tamada, Lieping Chen
- **The Role of Receptor-Mediated Apoptosis in T-Cell Dysfunction**
  - Hannah Rabinowich, Brian R. Gastman
- **Alterations in T-Cell Signaling Pathways and Increased Sensitivity to Apoptosis**
  - Ithaar H. Derweesh, Luis Moltó, Charles Tannenbaum, Patricia Rayman, Christina Moon, Cynthia Combs, Thomas Olencki, Paul Elson, Ronald M. Bukowski, James H. Finke
- **The Role of Tumor Gangliosides in the Immune Dysfunction of Cancer**
  - Stephan Ladisch
- **Interleukin-10-Induced Immune Suppression in Cancer**
  - Arvin S. Yang, Edmund C. Lattime
- **Accentuating Tumor Immunity Through Costimulation: A Detailed Analysis of OX40 Engagement and CTLA-4 Blockade**
  - Andrew D. Weinberg, Dean E. Evans, Arthur A. Hurwitz
- **Optimizing T-Cell Adoptive Immunotherapy to Overcome Tumor Evasion**
  - Peter A. Cohen, Gregory E. Plautz, James H. Finke, Suyu Shu
- **Tumor Resistance to Apoptosis: Mechanisms of Evasion and Implications for Radiation and Chemotherapeutic Strategies**
  - Robert G. Uzzo, Paul Caims, Nickolai Dulin, Eric M. Horwitz, Alan Pollack, Vladimir Kolenko
- **The Development and Reversal of T-Cell Tolerance in Cancer Patients Receiving Peptide-Based Vaccines**
  - Ena Wang, Francesco M. Marincola
- **Altered Signaling in T Lymphocytes of Patients With Cancer: A Biomarker of Prognosis?**
  - Theresa L. Whiteside
- **Allogeneic Hematopoietic Blood-Cell Transplantation as Immunotherapy for Metastatic Renal Cell Carcinoma**
  - Richard W. Childs, Cristian A. Carvallo
- **Immune Defects in Patients Suffering From Non-Hodgkin’s Lymphoma**
  - Thomas Zander, Daniel Re, Michael von Bergwelt-Baildon, Jurgen Wolf, Joachim L. Schultze
- **Immune Dysfunction in Classical Hodgkin’s Lymphoma**
  - Arjan Diepstra, Ewerton M. Maggio, Anke van den Berg, Sibrand Poppema
- **Lung Cancer and Immune Dysfunction**
  - Steven M. Dubinett, Sherven Sharma, Min Huang, Jenny T. Mao, Raj K. Batra
- **Primary Malignant Brain Tumors: Immune Defects and Immune Evasion**
  - Lucinda H. Elliott, Lori A. Morford, William H. Brooks, Thomas L. Roszmam
- **Index**