

Contents

- Video Contents, vii*
Preface to the First Edition, viii
Preface to the Eighth Edition, x
Contributors, xi
- 1** *Kidney Transplantation: A History, 01*
DAVID HAMILTON
 - 2** *The Immunology of Transplantation, 09*
TOMAS CASTRO-DOPICO and MENNA R. CLATWORTHY
 - 3** *Chronic Kidney Failure: Renal Replacement Therapy, 36*
ANDREW DAVENPORT
 - 4** *The Recipient of a Renal Transplant, 51*
JEREMY R. CHAPMAN
 - 5** *Access for Renal Replacement Therapy, 69*
JAMES P. HUNTER and JAMES A. GILBERT
 - 6** *Brain Death and Cardiac Death: Donor Criteria and Care of Deceased Donor, 90*
LAURA S. JOHNSON and RAM M. SUBRAMANIAN
 - 7** *Medical Evaluation of the Living Donor, 104*
MATTHEW J. ELLIS, BRADLEY HENRY COLLINS, BRIAN EZEKIAN, and
STUART J. KNECHTLE
 - 8** *Donor Nephrectomy, 115*
JOHN C. LAMATTINA and ROLF N. BARTH
 - 9** *Kidney Preservation, 128*
JOHN O'CALLAGHAN, GABRIEL ONISCU, HENRI LEUVENINK, PETER J.
FRIEND and RUTGER J. PLOEG
 - 10** *Histocompatibility in Renal Transplantation, 139*
SUSAN V. FUGGLE and CRAIG J. TAYLOR
 - 11** *Surgical Techniques of Kidney Transplantation, 157*
CHRISTOPHER J.E. WATSON, PETER J. FRIEND and LORNA P. MARSON
 - 12** *Transplantation and the Abnormal Bladder, 173*
ARMAN A. KAHOKHEHR and ANDREW C. PETERSON
 - 13** *Perioperative Care of Patients Undergoing Kidney Transplantation, 184*
KATE KRONISH, ANDREA OLMOS, and CLAUS U. NIEMANN
 - 14** *Early Course of the Patient With a Kidney Transplant, 198*
PAUL M. SCHRODER, LORNA P. MARSON, and STUART J. KNECHTLE
 - 15** *Azathioprine and Mycophenolates, 212*
ROBERT S. GASTON, GAURAV AGARWAL, and SIR PETER J. MORRIS
 - 16** *Steroids, 231*
SIMON R. KNIGHT
 - 17** *Calcineurin Inhibitors, 242*
MATTHEW L. HOLZNER, VIKRAM WADHERA, AMIT BASU, SANDER
FLORMAN, and RON SHAPIRO
 - 18** *mTOR Inhibitors: Sirolimus and Everolimus, 261*
CHRISTOPHER J.E. WATSON and MENNA R. CLATWORTHY
 - 19** *Antilymphocyte Globulin, Monoclonal Antibodies, and Fusion Proteins, 283*
EILEEN T. CHAMBERS and ALLAN D. KIRK
 - 20** *Other Forms of Immunosuppression, 313*
BEN SPRANGERS, JACQUES PIRENNE, CHANTAL MATHIEU, and MARK
WAER
 - 21** *Approaches to the Induction of Tolerance, 333*
KATHRYN J. WOOD and EDWARD K. GEISSLER
 - 22** *Transplantation in the Sensitized Recipient and Across ABO Blood Groups, 355*
CARRIE SCHINSTOCK and MARK STEGALL
 - 23** *Paired Exchange Programs for Living Donors, 367*
SOMMER ELIZABETH GENTRY and DORRY L. SEGEV
 - 24** *Kidney Allocation, 371*
DIANA A. WU, JAYME E. LOCKE, and JOHN L.R. FORSYTHE
 - 25** *Pathology of Kidney Transplantation, 379*
ALTON B. FARRIS III, LYNN D. CORNELL and ROBERT B. COLVIN
 - 26** *Biomarkers of Kidney Injury and Rejection, 418*
PHILIP JOHN O'CONNELL, KAREN L. KEUNG, MADHAV C. MENON, and
BARBARA MURPHY
 - 27** *Chronic Allograft Failure, 434*
BRIAN J. NANKIVELL
 - 28** *Vascular and Lymphatic Complications After Kidney Transplantation, 458*
SIMON R. KNIGHT and RICHARD D.M. ALLEN
 - 29** *Urologic Complications After Kidney Transplantation, 487*
ALICE CRANE and DANIEL A. SHOSKES
 - 30** *Cardiovascular Disease in Renal Transplantation, 496*
JENNIFER S. LEES and ALAN G. JARDINE
 - 31** *Infection in Kidney Transplant Recipients, 517*
JAY A. FISHMAN, SYLVIA F. COSTA and BARBARA D. ALEXANDER

- 32** *Liver Disease Among Renal Transplant Recipients, 539*
ADNAN SAID, NASIA SAFDAR, and MICHAEL R. LUCEY
- 33** *Neurologic Complications After Kidney Transplantation, 566*
CASEY VICTORIA FARIN and MATTHEW WILLIAM LUEDKE
- 34** *Cutaneous Disease in Kidney Transplantation Patients, 578*
ANNE LOUISE MARANO, JOANNA HOOTEN, and SARAH A. MYERS
- 35** *Cancer in Dialysis and Transplant Patients, 591*
ANGELA CLAIRE WEBSTER, BRENDA MARIA ROSALES, and JOHN F. THOMPSON
- 36** *Pancreas and Kidney Transplantation for Diabetic Nephropathy, 608*
TALAL M. AL-QAoud, DIXON B. KAUFMAN, JON S. ODORICO, and PETER J. FRIEND
- 37** *Kidney Transplantation in Children, 633*
PAMELA D. WINTERBERG and ROUBA GARRO
- 38** *Kidney Transplantation in Developing Countries, 670*
ELMI MULLER
- 39** *Results of Renal Transplantation, 684*
RACHEL E. PATZER, REEM E. HAMODA, and STUART J. KNECHTLE
- 40** *Psychosocial Aspects of Kidney Transplantation and Living Kidney Donation, 709*
BENSON M. HOFFMAN, CAROLINE K. SAULINO, and PATRICK J. SMITH
- 41** *Ethical and Legal Aspects of Kidney Donation, 724*
FREDERIKE AMBAGTSHEER and WILLEM WEIMAR
- 42** *Evidence in Transplantation, 737*
LISET H.M. PENGEL, SIR PETER J. MORRIS, and SIMON R. KNIGHT
- Index, 747*