Contents

Preface
T. Gutmann, A. S. Daar, R. A. Sells, W. Land 13

I. Introduction

Is there a Universal System of Ethics or are Ethics Culture-Specific?
R. M. Veatch 17

II. Equitable Allocation of Organs

Organ Allocation on the Basis of Medical Criteria: Current International Practices
G. G. Persijn, J. Smits, M. Smith, U. Frei 33

The Misplaced Role of Urgency in Allocation of Persistently Scarce Life-Saving Organs
D. W. Brock 41

Allocation and Transplantation of "Marginal" Donor Organs – Ethical and Legal Questions
T. Gutmann 49

Justice, Utility and Organ Allocation
R. M. Veatch 57

A Bonus-System for Previous or Declared Organ Donors, in Case they Need an Organ themselves
G. Thiel 68

Organ Allocation and Justice: The Necessity of an Appropriate Ethical Analysis
U. Kostka 79

Organ Procurement and Allocation: Ethics, Law and Practice in Different World Regions
J. F. Douglas 89

Visceral Grafts - New Wine in Old skins?
M. Schenk, P. Petersen, K. Dietrich, C. Gerstenkorn, M. H. Morgalla, M. J. Sessler, H. D. Becker 94

The High Risk Patient - A Conflict of Interest?
K. M. Rigg 99

"Why did I not Receive a Transplant?" - Allocation of Kidneys in Nordic Countries
M. Omnell Persson, N. H. Persson, G. Hermerén 104

III. Living Organ Donation Around the World

Current Achievements in Living Donor Organ Transplantation: A Transplant Clinician´s Point of View
C. Valentín-Gamazo, M. Malagó, C. Broelsch 119

The Changing Spectrum of Risk / Benefit in Living Organ Donation: Is a Certain Rate of Expected Post Donation Donor Mortality ever Ethically Acceptable?
D. C. Cronin II., P. A. Chiappori, M. Siegler 123

Kidney Donation by Altruistic Living Strangers
A. Spital 133

Transplant Clinicians as Moral Gatekeepers: Is this Role Simply one of Respecting the Autonomy of Persons?
D. Price 143

Unrelated Living Organ Donation: Aspects from a Developing Country
M. Abbud-Filho, H. H. Campos, J. O. M. Pestana, V. D. Garcia 149

The Regulatory Framework for Living Organ Donation: Legal Barriers or Legal Protection?
O. Guillod, J. Perrenoud 157

The Medical Rights of the Living Donor: Optimal Risk Information before and follow-up Afterwards
I. Fehrman-Ekholm 176

The Economic Rights of Living Donors – Optimal Insurance of Living Organ Donors – Whose Responsibility?
J. Steiger 179

Financial Temptations for and against Live Organ Donation
G. Thiel 182

Psychological Problems of Living Donors before and after Transplantation
A. Kiss 190

Nondirected Kidney Donation at the University of Minnesota
A. Matas, C. Jacobs, J. Kahn, C. Garvey 195

Informed Consent for Living Anonymous Adult Donors: Truth or Dare
G. Taylor, M. Allee, M. Fox, W. Barrett, C. McGee Jones, M. Mozes 201

Living Anonymous Adult Donor Motives: Who Knows, who Cares, why Bother?
G. Taylor, M. Allee, M. Fox, W. Barrett, C. McGee Jones, M. Mozes 206

Live Organ Donation - Rights and Responsibilities
A. L. Frankton, K. M. Rigg, M. Shehata 210

Ethical Dilemmas of Living Donors
K. S. Satyapal, A. A. Haffejee 214

Who Gives and Who Receives? Gender Issues in Living Organ Donation
N. Biller-Andorno, S. Kling 222

A Proposal for Anonymous Living Organ Donation in Germany
C. K. Rittner, A. Besold, E. Wandel 231

Trend in Kidney Donation Among Blood Relatives at a Tertiary Care Hospital – A 12 Year Experience
P. Singh, M. Bhandari, H. Chandra, A. Kumar, R. K. Sharma, U. Singh 236

Living Donor Liver Transplantation in Adults: How Efficient is Recipient Screening and Donor Evaluation?
F. Braun, T. Lorf, P. Wietzke-Braun, G. Ramadori, B. Ringe 249

Live Japanese Liver Donors and their Quality of Life
E. Soeda, M. Tanabe, M. Shimazu, G. Wakabayashi, K. Hoshino, S. Kawachi, M. Yoshida, J. Haga, Y. Morikawa, M. Kitajima 252

Acceptability and Feasibility of Cross-Over Kidney Transplantation
M. de Klerk, A. Luchtenburg, W. Zuidema, L. Kranenburg, J. IJzermans, F. Claas, M. Witvliet, W. Weimar 255

IV. Compensation, Controlled Financial Incentives, and Commerce in Organ Transplantation

Human Organ Trafficking: Size of the Industry and Means of Regulation
P. Häyry 265

The Case for Allowing Kidney Sales
J. Radcliffe-Richards 272

Renal Transplantation in Iran: The Iranian Model
I. Fazel 281

Buying and Selling Kidneys: Are we Failing our Patients?
M. M. Friedlaender 288

No Payments for Organs
F. Delmonico 294

Money and Organ Procurement: Narratives from the Real World
A. S. Daar 298

Financial and Other Incentives in Post-Mortem and Living Donor Organ Transplantation - Which are Ethically Acceptable?
J. B. Dossetor 318

Financial Incentives to the True Donors of Deceaseds Organs
R. M. DeVos, L. A. Tomatis, J. Punch 329

Organ Transplants: Saving Lives: Making the Case to Test Financial Incentives to Increase the Deceased Donor Supply
R. M. DeVos, L. A. Tomatis, J. Punch 331

Without Legalized Living Unrelated Donor Renal Transplantation many Patients Die or Suffer - Is it Ethical?
A. J. Ghods 337

The Principle of Reciprocity in Organ Allocation
P. Schotsmans 342

V. Embryonic Stem Cell Research and Cloning of Individuals

Human Embryonic Stem Cells as a New Medical Therapeutic Tool
E. Hornstein, N. Benvenisty 351

Embryonic Stem Cell Research, Nationalism, and Transplantation
G. McGee 357

Human Embryonic Stem Cell Research: The Position of the Catholic Church
N. M. Ford 361

Regenerative Medicine: A Taxonomy for Addressing Ethical, Legal and Social Issues
A. S. Daar 368

The Regulation of Embryonic Stem Cell Research: A Few Observations on the International Scene
T. Caulfield 379

Research on Embryonic and Umbilical Cord Blood Stem Cells and Organ Donation: A Comparison of Acceptance among Affected Groups
U. Kostka, D. Surbek, W. Holzgreve, A. Gratwohl, N. Baltzer, P. Bürkli, E. Danzer, A. Bondolfi, A. Tichelli, K. Seelmann 388

Embryonic Stem Cell Research: An Islamic Standpoint
S. A. H. Rizvi, S. A. A. Naqvi, F. Jawad 391

Alternatives to Human Embryonic Stem Cell Research
F. Fändrich 400

VI. Genetic Engineering of Organs and Xenotransplantation

The Current state of Engineering Tissues and Organ Parts
R. Strehl, K. Schumacher, W. W. Minuth 405

Xenotransplantation – Ethical Problems
D. v. Engelhardt 423

Ethics and Human Xenotransplantation
C. Hammer, A. Beiras-Fernandez 429

Ethical Problems Related to Further Clinical Experimentation on Xenotransplantation
A. Ravelingien 438

Xenotransplantation: Psychological Aspects in Patients
L. W. Kranenburg, W. Zuidema, W. Weimar, J. N. M. IJzermans, J. Passchier, J. J. B. Busschbach 446

VII. Attitudes Towards Organ Donation in Different Countries

The Islamic Basis of Certain Issues in Transplantation
F. A. M. Shaheen, M. Z. Souqiyyeh 457

Personal and Societal Choices about Living Donor Organ Donation
T. Visak, M. Hilhorst 461

Limiting Factors of Cadaveric Organ Transplantation in Poland:
Results of the Attitude Survey. Who is to Consent for Organ Procurement?
W. Rowinski, Z. Wlodarczyk, A. Jakubowska-Winecka, J. Walaszewski, B. Michalowicz, W. Lisik, L. Adadynski 469

Why Organ Transplantation is Underdeveloped in Russia
B. Lichterman 479

Ethics, Law and Practice of Transplantation: Simultaneous vs. Consecutive Development
D. Valikhanova 481

Awareness and Ethical Issues in Organ Transplantation
H. Chandra, K. Jamaluddin, P. Singh, C. M. Pandey, R. K. Sharma, M. Bhandari 483

Ethical Issues Regarding Non-Heart-Beating-Donors (NHBDs) for Renal Transplantation
C. Gerstenkorn, M. Schenk, P. Petersen 495

The Use of Executed Prisoners' Organs for Transplantation in China
T. Diflo 500

VIII. Varia

Five Ethical Approaches – One Result
N. Knoepffler 507

The Preoperative Evaluation of the Renal Transplant Recipient:
The Social History (A Case for the Aristotelian Paradigm?)
J. C. West, S. Chao, S. E. Kelley, J. A. Schwartz, D. J. Bertsch, J. F. Marsh 513

Estimate of the Number of Potential Organ Donors in the City of Sao Paolo in Relation to the Picture of Organ Transplantation in Brazil
R. C. Boni, C. A. Delmonte, P. Koch, M. Abbud-Filho, H. H. Campos, V. D. Garcia, J. O. Medina-Pestana 520

Transplantation for Patients with Down´s Syndrome
D. Téran-Escandón, L. A. Terán-Ortíz, J. Castellanos-Coutiño 528

The Transplant Nurses Role in Ensuring Patients Receive Appropriate Information in Order to Mate Informed Consent when Receiving an NHBD Kidney
C. L. Cory-Errington 532

Genetic Research with Archived Tissue Samples of Deceased Persons:
Ethical and Legal Issues
M. Letendre 535

IX. Congress Resolutions 544

X. Addresses of Corresponding Authors and Editors 550

XI. Index of Authors 557

Editorial note: The discussions of the congress lectures and presentations are printed together with the corresponding manuscript. However, not all presentations have been discussed by the auditorium, and due to minor technical problems with the recording devices, the audio documentation of the discussions held is not complete. Where manuscripts of the lectures presented during the congress were not available for this book, the corresponding discussions could not be published either.
The editors did their best in transforming the recordings of the discussions into printable texts. Minor misunderstandings, however, seem possible, and not every contributor could be identified. For technical reasons, the text of the discussions could not be sent to every congress participant before this book went to press.