

6. REFERENZEN

1. Rejection, in: Casey TA, Mayer DJ (Hrsg.): Corneal grafting, W.B. Saunders Company, Philadelphia, London, Toronto, Mexico City, Tokyo (1984), S. 309-324
2. (1992): The collaborative corneal transplantation studies (CCTS). Effectiveness of histocompatibility matching in high-risk corneal transplantation. The Collaborative Corneal Transplantation Studies Research Group, Arch Ophthalmol 110: 1392-1403
3. Autoimmunity and Transplantation, in: Janeway CA, Travers P, Walport M, Shlomchik MJ (Hrsg.): Immunobiology, Current Biology Ltd, London (2001), S. 501-552
zitiert nach: siehe Quelle 160
4. Alldredge OC, Krachmer JH (1981): Clinical types of corneal transplant rejection, Arch Ophthalmol 99: 599-604
zitiert nach: siehe Quelle 164
5. Ardjomand N, Berghold A, Reich ME (1998): Loss of corneal Langerhans cells during storage in organ culture medium, Optisol and McCarey-Kaufman medium, Eye 12 (Pt 1): 134-138
6. Asbell PA, S. SL, Epstein SP (1994): Evaluation of chemotaxis by various cytokines of Ia+ Langerhans cells into the corneas of C3H/HeJ mice, Invest Ophthalmol Vis Sci (Suppl) 35: 1293
zitiert nach: siehe Quelle 118
7. Authority UKTSS (1995) Renal Transplant Audit 1984-1993, Bristol, S. 35-49
8. Authority UKTSS (1996) Cardiothoracic Organ transplant Audit 1985-1995, Bristol, S. 50-56
9. Authority UKTSS (1997) Liver Transplant Audit 1985-1995, Bristol, S. 21-31
Quellen 7, 8, 9 zitiert nach: Waldock A, Cook SD (2000): Corneal transplantation: how successful are we?, Br J Ophthalmol 84: 813-815
10. Ayliffe W, Alam Y, Bell EB, McLeod D, Hutchinson IV (1992): Prolongation of rat corneal graft survival by treatment with anti-CD4 monoclonal antibody, Br J Ophthalmol 76: 602-606
11. Baggesen K, Ehlers N, Lamm LU (1991): HLA-DR/RFLP compatible corneal grafts, Acta Ophthalmol (Copenh) 69: 229-233
12. Baggesen K, Lamm LU, Ehlers N (1996): Significant effect of high-resolution HLA-DRB1 matching in high-risk corneal transplantation, Transplantation 62: 1273-1277
13. Bartels MC, Otten HG, van Gelderen BE, Van der Lelij A (2001): Influence of HLA-A, HLA-B, and HLA-DR matching on rejection of random corneal grafts using corneal tissue for retrospective DNA HLA typing, Br J Ophthalmol 85: 1341-1346

14. Basu P, Miller I, Ormsby H (1960): Sex chromatin as a biologic cell marker in the study of the fate of corneal transplants, *Am J Ophthalmol* 49: 513
zitiert nach: siehe Quelle 119
15. Baumgartner I, Mayr WR, Hajek-Rosenmayr A, Grabner G (1988): [Differential effect of incompatibilities of the HLA-A and HLA-B locus on the success of corneal transplants], *Klin Monatsbl Augenheilkd* 193: 48-51
16. Beekhuis WH, Bartels M, Doxiadis, II, van Rij G (2003): Degree of compatibility for HLA-A and -B affects outcome in high-risk corneal transplantation, *Dev Ophthalmol* 36: 12-21
17. Beekhuis WH, van Rij G, Renardel de Lavalette JG, Rinkel-van Driel E, Persijn G, D'Amato J (1991): Corneal graft survival in HLA-A- and HLA-B-matched transplantations in high-risk cases with retrospective review of HLA-DR compatibility, *Cornea* 10: 9-12
18. Benson JL, Niederkorn JY (1990): Interleukin-1 abrogates anterior chamber-associated immune deviation, *Invest Ophthalmol Vis Sci* 31: 2123-2128
zitiert nach: siehe Quelle 186
19. Bohringer D, Reinhard T, Bohringer S, Enczmann J, Godehard E, Sundmacher R (2002): Predicting time on the waiting list for HLA matched corneal grafts, *Tissue Antigens* 59: 407-411
20. Bohringer D, Reinhard T, Enczmann J, Spierings E, Goulmy E, Wernet P, Sundmacher R (2003): Einfluss des Minor-Antigens HA-3 auf das Transplantatüberleben nach perforierender Keratoplastik am Menschen, *Ophthalmologie* 100: 217
21. Boisjoly HM, Bernard PM, Dube I, Laughrea PA, Bazin R, Bernier J (1989): Effect of factors unrelated to tissue matching on corneal transplant endothelial rejection, *Am J Ophthalmol* 107: 647-654
22. Boisjoly HM, Roy R, Bernard PM, Dube I, Laughrea PA, Bazin R (1990): Association between corneal allograft reactions and HLA compatibility, *Ophthalmology* 97: 1689-1698
23. Boisjoly HM, Roy R, Dube I, Laughrea PA, Michaud R, Douville P, Heebert J (1986): HLA-A,B and DR matching in corneal transplantation, *Ophthalmology* 93: 1290-1297
24. Bradley BA, Vail A, Gore SM, Rogers CA, Armitage WJ, Nicholls SM, Easty DL (1993): Penetrating keratoplasty in the United Kingdom: an interim analysis of the corneal transplant follow-up study, *Clin Transpl* 293-315
25. Bradley BA, Vail A, Gore SM, Rogers CA, Armitage WJ, Nicholls S, Easty DL (1995): Negative effect of HLA-DR matching on corneal transplant rejection, *Transplant Proc* 27: 1392-1394

26. Callanan D, Peeler J, Niederkorn JY (1988): Characteristics of rejection of orthotopic corneal allografts in the rat, *Transplantation* 45: 437-443
27. Callanan DG, Luckenbach MW, Fischer BJ, Peeler JS, Niederkorn JY (1989): Histopathology of rejected orthotopic corneal grafts in the rat, *Invest Ophthalmol Vis Sci* 30: 413-424
zitiert nach: siehe Quelle 120
28. Chandler JW: Immunologic considerations in corneal transplantation, in: E. KH, A. BB, B. MM, Waltman SR (Hrsg.): *The Cornea*, Churchill Livingstone, New York, Edinburgh, London, Melbourne (1988)
zitiert nach: siehe Quelle 164
29. Chen CH, Rama P, Chen SC, Sansoy FN (1997): Efficacy of organ preservation media enriched with nonlactate-generating substrate for maintaining tissue viability: a transplantation study, *Transplantation* 63: 656-663
30. Chipman ML, Basu PK, Willett PJ, Cherry PM, Slomovic AR (1990): The effects of donor age and cause of death on corneal graft survival, *Acta Ophthalmol (Copenh)* 68: 537-542
31. Claas FH, Roelen DL, Oudshoorn M, Doxiadis, II (2003): Future HLA matching strategies in clinical transplantation, *Dev Ophthalmol* 36: 62-73
32. Collin HB (1966): Endothelial cell lined lymphatics in the vascularized rabbit cornea, *Invest Ophthalmol* 5: 337-354
33. Cousins SW, Streilein JW: Immune privilege and its regulation by immunosuppressive growth factors in aqueous humor, in: Usui M, Ohno S, Aoki K (Hrsg.): *Ocular Immunology Today*, Elsevier Science Pub., Amsterdam (1994), S. 81-84
zitiert nach: siehe Quelle 186
34. Cousins SW, McCabe MM, Danielpour D, Streilein JW (1991): Identification of transforming growth factor-beta as an immunosuppressive factor in aqueous humor, *Invest Ophthalmol Vis Sci* 32: 2201-2211
35. Creemers PC, Kahn D, Hill JC (1999): HLA-A and -B alleles in cornea donors as risk factors for graft rejection, *Transpl Immunol* 7: 15-18
36. de By TM (2003): Shortage in the face of plenty: improving the allocation of corneas for transplantation, *Dev Ophthalmol* 36: 56-61
37. DeVoe AG (1975): Complications of keratoplasty, *Am J Ophthalmol* 79: 907-912
38. Djamali A, Odorico JS (1998): Fas-mediated cytotoxicity is not required for rejection of murine nonvascularized heterotopic cardiac allografts, *Transplantation* 66: 1793-1801
39. Doherty PC, Allan JE, Lynch F, Ceredig R (1990): Dissection of an inflammatory process induced by CD8+ T cells, *Immunol Today* 11: 55-59

40. Donnelly JJ, Li WY, Rockey JH, Prendergast RA (1985): Induction of class II (Ia) alloantigen expression on corneal endothelium in vivo and in vitro, *Invest Ophthalmol Vis Sci* 26: 575-580
41. Doxiadis, II, Claas FH (2003): The short story of HLA and its methods, *Dev Ophthalmol* 36: 5-11
42. Doxiadis, II, Smits JM, Schreuder GM, Persijn GG, van Houwelingen HC, van Rood JJ, Claas FH (1996): Association between specific HLA combinations and probability of kidney allograft loss: the taboo concept, *Lancet* 348: 850-853
43. Eichwald EJ, Silmsker CR (1955): Skin, *Transplant Bull* 2: 148-149
zitiert nach: siehe Quelle 164
44. Ferguson TA, Kaplan HJ (1987): The immune response and the eye. I. The effects of monoclonal antibodies to T suppressor factors in anterior chamber-associated immune deviation (ACAID), *J Immunol* 139: 346-351
45. Ferguson TA, Waldrep JC, Kaplan HJ (1987): The immune response and the eye. II. The nature of T suppressor cell induction in anterior chamber-associated immune deviation (ACAID), *J Immunol* 139: 352-357
46. Fine M, Stein M: The role of corneal vascularisation in human corneal graft reactions
Corneal graft failure. Ciba Foundation Symposium, Elsevier, Amsterdam (1973), S. 193-204
zitiert nach: siehe Quelle 164
47. Foulks GN, Sanfilippo FP, Locascio JA, 3rd, MacQueen JM, Dawson DV (1983): Histocompatibility testing for keratoplasty in high-risk patients, *Ophthalmology* 90: 239-244
48. Fujikawa LS, Colvin RB, Bhan AK, Fuller TC, Foster CS (1982): Expression of HLA-A/B/C and -DR locus antigens on epithelial, stromal and endothelial cells of the human cornea, *Cornea* 1: 213-222
zitiert nach: siehe Quelle 137
49. Garcher C, Bara J, Bron A, Oriol R (1994): Expression of mucin peptide and blood group ABH- and Lewis-related carbohydrate antigens in normal human conjunctiva, *Invest Ophthalmol Vis Sci* 35: 1184-1191
50. Gillette TE, Chandler JW, Greiner JV (1982): Langerhans cells of the ocular surface, *Ophthalmology* 89: 700-711
51. Goslings WR, Yamada J, Dana MR, Streilein JW, van Beelen E, Prodeus AP, Carroll MC, Jager MJ (1999): Corneal transplantation in antibody-deficient hosts, *Invest Ophthalmol Vis Sci* 40: 250-253
52. Goulmy E, Pool J, Van Lochem E, Volker-Dieben H (1995): The role of human minor histocompatibility antigens in graft failure: a mini-review, *Eye* 9 (Pt 2): 180-184

53. Graubert TA, Ley TJ (1996): How do lymphocytes kill tumor cells?, *Clin Cancer Res* 2: 785-789
54. Griffith TS, Brunner T, Fletcher SM, Green DR, Ferguson TA (1995): Fas ligand-induced apoptosis as a mechanism of immune privilege, *Science* 270: 1189-1192
55. Hahn AB, Foulks GN, Enger C, Fink N, Stark WJ, Hopkins KA, Sanfilippo F (1995): The association of lymphocytotoxic antibodies with corneal allograft rejection in high risk patients. The Collaborative Corneal Transplantation Studies Research Group, *Transplantation* 59: 21-27
56. Hall BM (1991): Cells mediating allograft rejection, *Transplantation* 51: 1141-1151
57. Hamrah P, Huq SO, Liu Y, Zhang Q, Dana MR (2003): Corneal immunity is mediated by heterogeneous population of antigen-presenting cells, *J Leukoc Biol* 74: 172-178
58. Hanna C, Irwin E (1962): Fate of cells in the corneal graft, *Arch Ophthalmol* 68: 810
zitiert nach: siehe Quelle 119
59. Haskova Z, Sproule TJ, Roopenian DC, Ksander AB (2003): An immunodominant minor histocompatibility alloantigen that initiates corneal allograft rejection, *Transplantation* 75: 1368-1374
60. Hausknecht B, Voelkl S, Riess R, Gauer S, Goppelt-Struebe M (2003): Expression of cyclooxygenase-2 in biopsies obtained from human transplanted kidneys undergoing rejection, *Transplantation* 76: 109-114
61. Hazlett LD, Moon MM, Dawisha S, Berk RS (1986): Age alters ADPase positive dendritic (Langerhans) cell response to *P. aeruginosa* ocular challenge, *Curr Eye Res* 5: 343-355
62. He YG, Ross J, Niederkorn JY (1991): Promotion of murine orthotopic corneal allograft survival by systemic administration of anti-CD4 monoclonal antibody, *Invest Ophthalmol Vis Sci* 32: 2723-2728
63. Hegde S, Niederkorn JY (2000): The role of cytotoxic T lymphocytes in corneal allograft rejection, *Invest Ophthalmol Vis Sci* 41: 3341-3347
64. Hill JC, Creemers PC (1997): An adverse matching effect for the HLA-B locus in corneal transplantation, *Transpl Int* 10: 145-149
65. historische Quellen aus: Mannis M, Mannis A: *Corneal Transplantation: a history in profiles*. J.P. Wayenborgh, Oostende, Belgium (1999)
66. Hoffmann F (1976): [Suture technique for perforating keratoplasty (author's transl)], *Klin Monatsbl Augenheilkd* 169: 584-590
67. Hoffmann F: Topical Cyclosporin A in corneal transplantation, in: Zierhut M, Pleyer U, Thiel HJ (Hrsg.): *Immunology of Corneal Transplantation*, Aeolus Press Science Publishers, Buren, The Netherlands (1994), S. 253-262

68. Hoffmann F, Pahlitzsch T (1989): Predisposing factors in corneal graft rejection, *Cornea* 8: 215-219
69. Hoffmann F, von Keyserlingk HJ, Wiederholt M (1986): Importance of HLA DR matching for corneal transplantation in high-risk cases, *Cornea* 5: 139-143
70. Hoffmann F, Tregel M, Noske W, Bunte S (1994): HLA-B and -DR match reduces the allograft reaction after keratoplasty, *Ger J Ophthalmol* 3: 100-104
71. Hoffmann F, Zhang EP, Mueller A, Schulte F, Foss HD, Franke J, Coupland SE (2001): Contribution of lymphatic drainage system in corneal allograft rejection in mice, *Graefes Arch Clin Exp Ophthalmol* 239: 850-858
72. Hopkins KA, Maguire MG, Fink NE, Bias WB (1992): Reproducibility of HLA-A, B, and DR typing using peripheral blood samples: results of retyping in the collaborative corneal transplantation studies. Collaborative Corneal Transplantation Studies Group (corrected), *Hum Immunol* 33: 122-128
73. <http://www.ctstransplant.org>
74. <http://www.efiweb.org/standards.html>
75. Hudde T, Reinhard T, Moeller M, Schelle C, Spelsberg H, Cepin A, Sundmacher R (1997): Korneosklerale Transplantatentnahme an der Leiche - Erfahrungen der LIONS-Hornhautbank Nordrhein-Westfalen in den Jahren 1995 und 1996, *Ophthalmologie*
zitiert nach: Wernet P, Kogler G, Enczmann J, Kuhrober A, Knipper AJ, Bonte W, Reinhard T, Sundmacher R (1998): Rapid method for successful HLA class I and II typing from cadaveric blood for direct matching in cornea transplantation, *Graefes Arch Clin Exp Ophthalmol* 236: 507-512
76. Jacob CO, Fronek Z, Lewis GD, Koo M, Hansen JA, McDevitt HO (1990): Heritable major histocompatibility complex class II-associated differences in production of tumor necrosis factor alpha: relevance to genetic predisposition to systemic lupus erythematosus, *Proc Natl Acad Sci USA* 87: 1233-1237
77. Jager MJ (1992): Corneal Langerhans cells and ocular immunology, *Reg Immunol* 4: 186-195
78. Jones BR: Criteria of a diagnosis of a corneal allograft rejection Corneal graft failure. *Ciba Foundation Symposium*, elsevier, Amsterdam (1973), S. 340-347
zitiert nach: siehe Quelle 164
79. Jozwiak J, Skopinski P, Malejczyk J (2000): Production of interleukin-1 beta, interleukin-6 and tumor necrosis factor-alpha by a rat corneal epithelial cell line, *Int J Tissue React* 22: 105-110

80. Kagi D, Ledermann B, Burki K, Zinkernagel RM, Hengartner H (1996): Molecular mechanisms of lymphocyte-mediated cytotoxicity and their role in immunological protection and pathogenesis in vivo, *Annu Rev Immunol* 14: 207-232
81. Kammann JP, Vollenberg C (1994): [Effect of corneal collagen shields and epithelial growth promoting factors on epithelialization of the human cornea], *Klin Monatsbl Augenheilkd* 205: 201-209
82. Kaplan EI, Meier P (1958): Nonparametric estimations from incomplete observations, *JAMA* 53: 457
zitiert nach: Volker-Dieben HJ, Schreuder GM, Claas FH, Doxiadis, II, Schipper RF, Pels E, Persijn GG, Smits J, D'Amara J (2003): Histocompatibility and corneal transplantation, *Dev Ophthalmol* 36: 22-41
83. Katzin H (1950): International symposium on corneal surgery; ultimate fate of graft, *Am J Ophthalmol* 33: 35-38
zitiert nach: Braude LS, Chandler JW (1983): Corneal allograft rejection. The role of the major histocompatibility complex, *Surv Ophthalmol* 27: 290-305
84. Kaufman HE, Beuerman RW, Steinemann TL, Thompson HW, Varnell ED (1991): Optisol corneal storage medium, *Arch Ophthalmol* 109: 864-868
85. Khodadoust AA: The allograft reaction: the leading cause of late failure of clinical grafts *Corneal graft failure. Ciba Foundation Symposium*, elsevier, Amsterdam (1973), S. 151-163
zitiert nach: siehe Quelle 164
86. Khodadoust AA, Silverstein AM (1969): Transplantation and rejection of individual layers of the cornea, *Invest Ophthalmol* 8: 180-195
zitiert nach: siehe Quelle 120
87. Khodadoust AA, Silverstein AM (1972): Studies on the nature of the privilege enjoyed by corneal allografts, *Invest Ophthalmol* 11: 137-148
zitiert nach: siehe Quelle 120
88. Ksander BR, Sano Y, Streilein JW (1996): Role of donor-specific cytotoxic T cells in rejection of corneal allografts in normal and high-risk eyes, *Transpl Immunol* 4: 49-52
89. Lang R, Song PI, Legat FJ, Lavker RM, Harten B, Kalden H, Grady EF, Bunnett NW, Armstrong CA, Ansel JC (2003): Human corneal epithelial cells express functional PAR-1 and PAR-2, *Invest Ophthalmol Vis Sci* 44: 99-105
90. Lang RM, Friedlaender MH, Schoenrock BJ (1981): A new morphologic manifestation of Langerhans cells in guinea pig corneal transplants, *Curr Eye Res* 1: 161-167
91. Larkin DF (1994): Corneal allograft rejection, *Br J Ophthalmol* 78: 649-652
92. Le Moine A, Goldman M, Abramowicz D (2002): Multiple pathways to allograft rejection, *Transplantation* 73: 1373-1381

93. Le Moine A, Surquin M, Demoor FX, Noel JC, Nahori MA, Pretolani M, Flamand V, Braun MY, Goldman M, Abramowicz D (1999): IL-5 mediates eosinophilic rejection of MHC class II-disparate skin allografts in mice, *J Immunol* 163: 3778-3784
94. Liew FY (1982): Regulation of delayed-type hypersensitivity. VI. Antigen-specific suppressor T cells and suppressor factor for delayed-type hypersensitivity to histocompatibility antigens, *Transplantation* 33: 69-76
95. Liu Y, Hamrah P, Zhang Q, Taylor AW, Dana MR (2002): Draining lymph nodes of corneal transplant hosts exhibit evidence for donor major histocompatibility complex (MHC) class II-positive dendritic cells derived from MHC class II-negative grafts, *J Exp Med* 195: 259-268
96. Lowin B, Hahne M, Mattmann C, Tschopp J (1994): Cytolytic T-cell cytotoxicity is mediated through perforin and Fas lytic pathways, *Nature* 370: 650-652
97. Ma JJ, Dohlman CH (2002): Mechanisms of corneal ulceration, *Ophthalmol Clin North Am* 15: 27-33
98. Maruya E, Takemoto S, Terasaki PI: HLA matching: identification of permissible HLA matches, in: Terasaki PI, Cecka JM (Hrsg.): *Clinical transplants*, UCLA Tissue typing Laboratory, Los Angeles (1993), S. 511-520
zitiert nach: siehe Quelle 31
99. Maumenee AE (1951): The influences of donor recipient sensitization on corneal grafts, *Am J Ophthalmol* 34: 142-152
zitiert nach: siehe Quelle 164
100. Maumenee AE (1955): The immune concept: its relationship to corneal transplantation., *Ann NY Acad Sci* 59: 453-461
zitiert nach: siehe Quelle 164
101. McCarey BE, Meyer RF, Kaufman HE (1976): Improved corneal storage for penetrating keratoplasties in humans, *Ann Ophthalmol* 8: 1488-1495
102. McKenna RM, Takemoto SK, Terasaki PI (2000): Anti-HLA antibodies after solid organ transplantation, *Transplantation* 69: 319-326
103. McLeish W, Rubsamen P, Atherton SS, Streilein JW (1989): Immunobiology of Langerhans cells on the ocular surface. II. Role of central corneal Langerhans cells in stromal keratitis following experimental HSV-1 infection in mice, *Reg Immunol* 2: 236-243
zitiert nach: siehe Quelle 118
104. Medawar PB (1944): The behaviour and fate of skin autografts and skin homografts in rabbits, *J Anat* 78: 176-199
zitiert nach: siehe Quelle 137

105. Middleton D, Savage DA, Cullen C, Martin J (1988): Discrepancies in serological tissue typing revealed by DNA techniques, *Transpl Int* 1: 161-164
106. Mishima S (1982): Clinical investigations on the corneal endothelium, *Ophthalmology* 89: 525-530
107. Moen T, Albrechtsen D, Flatmark A, Jakobsen A, Jervell J, Halvorsen S, Solheim BG, Thorsby E (1980): Importance of HLA-DR matching in cadaveric renal transplantation: a prospective one-center study of 170 transplants, *N Engl J Med* 303: 850-854
zitiert nach: siehe Quelle 164
108. Morita N, Munkhbat B, Gansuvd B, Kanai N, Hagihara M, Shimazaki J, Tsubota K, Tsuji K (1998): Effect of HLA-A and -DPB1 matching in corneal transplantation, *Transplant Proc* 30: 3491-3492
109. Morozumi K, Katoh M, Horike K, Oikawa T, Takeuchi O, Kimura G, Takeda A, Yoshida A, Katayama A, Tominaga Y, Haba T, Uchida K (2001): Pathologic characteristics of acute humoral rejection after ABO-incompatible kidney transplantation, *Transplant Proc* 33: 3299-3300
110. Morton AL, Bell EB, Bolton EM, Marshall HE, Roadknight C, McDonagh M, Bradley JA (1993): CD4+ T cell-mediated rejection of major histocompatibility complex class I-disparate grafts: a role for alloantibody, *Eur J Immunol* 23: 2078-2084
111. Muller A, Zhang EP, Hoffmann F (2003): [Effect of topical dexamethasone treatment on antigen-presenting cells in murine corneas], *Ophthalmologie* 100: 310-313
112. Munkhbat B, Hagihara M, Sato T, Tsuchida F, Sato K, Shimazaki J, Tsubota K, Tsuji K (1997): Association between HLA-DPB1 matching and 1-year rejection-free graft survival in high-risk corneal transplantation, *Transplantation* 63: 1011-1016
113. Mytilineos J, Scherer S, Hansen B, Gaweco A, Opelz G (1990): RFLP-DR beta and serological HLA-DR typing of 200 kidney recipients and 1000 controls, *Transplant Proc* 22: 1911-1912
114. Mytilineos J, Lempert M, Middleton D, Williams F, Cullen C, Scherer S, Opelz G (1997): HLA class I DNA typing of 215 "HLA-A, -B, -DR zero mismatched" kidney transplants, *Tissue Antigens* 50: 355-358
115. Nelken E, Nelken D (1965): Serological studies in keratoplasty, *Br J Ophthalmol* 49: 159-162
zitiert nach: Braude LS, Chandler JW (1983): Corneal allograft rejection. The role of the major histocompatibility complex, Surv Ophthalmol 27: 290-305
116. Newsome DA, Takasugi M, Kenyon KR, Stark WF, Opelz G (1974): Human corneal cells in vitro: morphology and histocompatibility (HL-A) antigens of pure cell populations, *Invest Ophthalmol* 13: 23-32
zitiert nach: siehe Quelle 141

117. Niederkorn JY (1990): Immune privilege and immune regulation in the eye, *Adv Immunol* 48: 191-226
118. Niederkorn JY (1995): Effect of cytokine-induced migration of Langerhans cells on corneal allograft survival, *Eye* 9: 215-218
119. Niederkorn JY (1999): The immune privilege of corneal allografts, *Transplantation* 67: 1503-1508
120. Niederkorn JY (1999): The immunology of corneal transplantation, *Dev Ophthalmol* 30: 129-140
121. Niederkorn JY (2001): Mechanisms of corneal graft rejection: the sixth annual Thygeson Lecture, presented at the Ocular Microbiology and Immunology Group meeting, October 21, 2000, *Cornea* 20: 675-679
122. Niederkorn JY, Shaddock JA, Streilein JW (1981): Immunogenetic basis for immunologic privilege in the anterior chamber of the eye, *Immunogenetics* 13: 227-236
123. Nishimura JK, Hodge DO, Bourne WM (1999): Initial endothelial cell density and chronic endothelial cell loss rate in corneal transplants with late endothelial failure, *Ophthalmology* 106: 1962-1965
124. Olerup O, Zetterquist H: HLA-DRB1 typing by PCR amplification with sequence-specific primers (PCR-SSP): post amplification processing in less than 20 minutes *HLA 1991*, Oxford University Press, New York (1993)
zitiert nach: siehe Quelle 127
125. Opelz G (1988): Importance of HLA antigen splits for kidney transplant matching, *Lancet* 2: 61-64
126. Opelz G, Scherer S, Mytilineos J (1997): Analysis of HLA-DR split-specificity matching in cadaver kidney transplantation: a report of the Collaborative Transplant Study, *Transplantation* 63: 57-59
127. Opelz G, Mytilineos J, Scherer S, Dunckley H, Trejaut J, Chapman J, Fischer G, Fae I, Middleton D, Savage D, et al. (1993): Analysis of HLA-DR matching in DNA-typed cadaver kidney transplants, *Transplantation* 55: 782-785
128. Ozdemir O (1986): A prospective study of histocompatibility testing for keratoplasty in high-risk patients, *Br J Ophthalmol* 70: 183-186
129. Peeler JS, Niederkorn JY (1986): Antigen presentation by Langerhans cells in vivo: donor-derived Ia+ Langerhans cells are required for induction of delayed-type hypersensitivity but not for cytotoxic T lymphocyte responses to alloantigens, *J Immunol* 136: 4362-4371
130. Pels E, Schuchard Y (1983): Organ-culture preservation of human corneas, *Doc Ophthalmol* 56: 147-153

131. Pels E, van der Gaag R (1984): HLA-A,B,C, and HLA-DR antigens and dendritic cells in fresh and organ culture preserved corneas, *Cornea* 3: 231-239
132. Pepose JS, Gardner KM, Nestor MS, Foos RY, Pettit TH (1985): Detection of HLA class I and II antigens in rejected human corneal allografts, *Ophthalmology* 92: 1480-1484
133. Pepose JS, Nestor MS, Gardner KM, Foos RY, Pettit TH (1985): Composition of cellular infiltrates in rejected human corneal allografts, *Graefes Arch Clin Exp Ophthalmol* 222: 128-133
134. Peter ME, Krammer PH (1998): Mechanisms of CD95 (APO-1/Fas)-mediated apoptosis, *Curr Opin Immunol* 10: 545-551
135. Peyman GA, Sanders DR, Ligara TH (1979): Dextran 40-containing infusion fluids and corneal swelling: a specular microscopic study, *Arch Ophthalmol* 97: 152-155
zitiert nach: siehe Quelle 164
136. Playfair JHL, Chain BM: *Immunology at a Glance*. Blackwell Science Ltd, London (2001)
137. Pleyer U (1997): [Immune reaction after penetrating keratoplasty. Immunobiology, prevention and therapy], *Ophthalmologe* 94: 933-950
138. Pleyer U, Milani JK, Dukes A, Chou J, Lutz S, Ruckert D, Thiel HJ, Mondino BJ (1995): Effect of topically applied anti-CD4 monoclonal antibodies on orthotopic corneal allografts in a rat model, *Invest Ophthalmol Vis Sci* 36: 52-61
139. Polack FM (1962): Histopathological and histochemical alterations in the early stages of corneal graft rejection, *J Exp Med* 116: 709-718
140. Reinhard T, Sundmacher R, Heering P (1996): Systemic ciclosporin A in high-risk keratoplasties, *Graefes Arch Clin Exp Ophthalmol* 234 Suppl 1: S115-121
141. Reinhard T, Bohringer D, Enczmann J, Kogler G, Mayweg S, Wernet P, Sundmacher R (2003): HLA class I and II matching improves prognosis in penetrating normal-risk keratoplasty, *Dev Ophthalmol* 36: 42-49
142. Ross J, He YG, Niederkorn JY (1991): Class I disparate corneal grafts enjoy afferent but not efferent blockade of the immune response, *Curr Eye Res* 10: 889-892
143. Ross J, He YG, Pitherney M, Mellon J, Niederkorn JY (1991): The differential effects of donor versus host Langerhans cells in the rejection of MHC-matched corneal allografts, *Transplantation* 52: 857-861
144. Roy R, Des Marchais B, Bazin R, Boisjoly HM, Dube I, Laughrea PA (1997): Role of ABO and Lewis blood group antigens in donor-recipient compatibility of corneal transplantation rejection, *Ophthalmology* 104: 508-512

145. Roy R, Boisjoly HM, Wagner E, Langlois A, Bernard PM, Bazin R, Laughrea PA, Dube I (1992): Pretransplant and posttransplant antibodies in human corneal transplantation, *Transplantation* 54: 463-467
146. Salisbury JD, Gebhardt BM (1981): Blood group antigens on human corneal cells demonstrated by immunoperoxidase staining, *Am J Ophthalmol* 91: 46-50
147. Sanfilippo F, MacQueen JM, Vaughn WK, Foulks GN (1986): Reduced graft rejection with good HLA-A and B matching in high-risk corneal transplantation, *N Engl J Med* 315: 29-35
148. Sano Y, Ksander BR, Streilein JW (1996): Minor H, rather than MHC, alloantigens offer the greater barrier to successful orthotopic corneal transplantation in mice, *Transpl Immunol* 4: 53-56
149. Sayegh MH, Watschinger B, Carpenter CB (1994): Mechanisms of T cell recognition of alloantigen. The role of peptides, *Transplantation* 57: 1295-1302
150. Selvaggi G, Ricordi C, Podack ER, Inverardi L (1996): The role of the perforin and Fas pathways of cytotoxicity in skin graft rejection, *Transplantation* 62: 1912-1915
151. Sonoda A, Sonoda Y, Muramatu R, Streilein JW, Usui M (2000): ACAID induced by allogeneic corneal tissue promotes subsequent survival of orthotopic corneal grafts, *Invest Ophthalmol Vis Sci* 41: 790-798
152. Sonoda Y, Streilein JW (1992): Orthotopic corneal transplantation in mice--evidence that the immunogenetic rules of rejection do not apply, *Transplantation* 54: 694-704
153. Steinman RM (1991): The dendritic cell system and its role in immunogenicity, *Annu Rev Immunol* 9: 271-296
154. Stobbe I, van der Meer-Prins E, Smits JM, Doxiadis I, Claas FH (1999): In vitro reactivity of allospecific cytotoxic T lymphocytes does not explain the taboo phenomenon, *Transpl Immunol* 7: 215-220
155. Stocker FW (1953): The endothelium of the cornea and its clinical implications, *Trans Am Ophthalmol Soc* 51: 669-786
zitiert nach: siehe Quelle 164
56. Streilein JW (1987): Immune regulation and the eye: a dangerous compromise, *Faseb J* 1: 199-208
157. Streilein JW (1995): Unraveling immune privilege, *Science* 270: 1158-1159
158. Streilein JW (2000): What do T lymphocytes "see" when penetrating keratoplasty fails, *Cornea* 19: 146-154
zitiert nach: siehe Quelle 111
159. Streilein JW, Wilbanks GA, Cousins SW (1992): Immunoregulatory mechanisms of the eye, *J Neuroimmunol* 39: 185-200

160. Streilein JW, Arancibia-Caracamo C, Osawa H (2003): The role of minor histocompatibility alloantigens in penetrating keratoplasty, *Dev Ophthalmol* 36: 74-88
161. Taylor AW, Streilein JW, Cousins SW (1993): Neuropeptides contribute to the immuno-suppressive activity of aqueous humor, *Invest Ophthalmol Vis Sci* 34/4: 903
zitiert nach: siehe Quelle 186
162. Terasaki PI, McCurdy B, McClelland J (1973): [Microdroplet lymphocyte cytotoxicity test], *Nippon Rinsho* 31: 3314-3320
zitiert nach: siehe Quelle 164
163. Thiel HJ, Richter U, Zierhut M, Muller C (1988): [Immune reactions of the conjunctiva and cornea following severe chemical burns of the outer eye], *Klin Monatsbl Augenheilkd* 193: 565-571
164. Tregel M (1995) Immunreaktion nach Keratoplastik in Abhängigkeit zur HLA - Inkompatibilität, *Augenlinik und Poliklinik des Universitätsklinikum Benjamin Franklin. Freie Universität Berlin, Berlin*
165. Treseler PA, Foulks GN, Sanfilippo F (1985): Expression of ABO blood group, hematopoietic, and other cell-specific antigens by cells in the human cornea, *Cornea* 4: 157-168
166. Treseler PA, Foulks GN, Sanfilippo F (1986): The relative immunogenicity of corneal epithelium, stroma, and endothelium. The role of major histocompatibility complex antigens, *Transplantation* 41: 229-234
167. Tripathi BJ, Tripathi RC, Wong P, Raja S (1990): Expression of HLA by the human trabecular meshwork and corneal endothelium, *Exp Eye Res* 51: 269-276
168. Vail A, Gore SM, Bradley BA, Easty DL, Rogers CA (1994): Corneal graft survival and visual outcome. A multicenter Study. *Corneal Transplant Follow-up Study Collaborators, Ophthalmology* 101: 120-127
169. Vail A, Gore SM, Bradley BA, Easty DL, Rogers CA, Armitage WJ (1994): Influence of donor and histocompatibility factors on corneal graft outcome, *Transplantation* 58: 1210-1216
170. Vail A, Gore SM, Bradley BA, Easty DL, Rogers CA, Armitage WJ (1997): Conclusions of the corneal transplant follow up study. *Collaborating Surgeons, Br J Ophthalmol* 81: 631-636
171. Vereerstraeten P, Dupont E, Andrien M, De Pauw L, Abramowicz D, Goldman M, Kinnaert P (1995): Influence of donor-recipient HLA-DR mismatches and OKT3 prophylaxis on cadaver kidney graft survival, *Transplantation* 60: 253-258
172. Vilcek J, Jumming L: Interferon-[gamma], in: Delves PJ, Roitt IM (Hrsg.): *Encyclopedia of Immunology*, Academic Press, San Diego (1999), S. 1421-1426
zitiert nach: siehe Quelle 141

173. Volker-Dieben H: The effect of immunological and non-immunological factors on corneal graft survival. Junk Publishers, The Hague, Boston, Lancaster (1984)
zitiert nach: siehe Quelle 164
174. Volker-Dieben HJ, D'Amaro J, Kok-van Alphen CC (1987): Hierarchy of prognostic factors for corneal allograft survival, Aust N Z J Ophthalmol 15: 11-18
175. Volker-Dieben HJ, Kok-van Alphen CC, Lansbergen Q, Persijn GG (1982): Different influences on corneal graft survival in 539 transplants, Acta Ophthalmol (Copenh) 60: 190-202
176. Volker-Dieben HJ, Claas FH, Schreuder GM, Schipper RF, Pels E, Persijn GG, Smits J, D'Amaro J (2000): Beneficial effect of HLA-DR matching on the survival of corneal allografts, Transplantation 70: 640-648
177. Waßmuth R: Einführung in das HLA System. Ecomed Verlagsgesellschaft AG & Co. KG, Landsberg, Deutschland (1995)
178. Watschinger B (1995): How T cells recognize alloantigen: evidence for two pathways of allorecognition, Nephrol Dial Transplant 10: 1556-1558
179. Weissensteiner T, Lanchbury JS (1997): TNFB polymorphisms characterize three lineages of TNF region microsatellite haplotypes, Immunogenetics 47: 6-16
180. Whitsett CF, Stulting RD (1984): The distribution of HLA antigens on human corneal tissue, Invest Ophthalmol Vis Sci 25: 519-524
181. Wilhelmus KR, Huang AJW, Hwang DG, Parrish CM, Sutphin JE: External Disease and Cornea (Section 8), in: Liesegang TJ, Deutsch TA, Grand MG (Hrsg.): Basic and Clinical Science Course for Ophthalmologists, The Foundation of the American Academy of Ophthalmology, USA (2001)
182. Williams KA, Muehlberg SM, Lewis RF: The Australian corneal graft registry 1996 report, Adelaide, Australien (1997)
183. Williams KA, Muehlberg SM, Lewis RF, Coster DJ (1995): How successful is corneal transplantation? A report from the Australian Corneal Graft Register, Eye 9: 219-227.
184. Williams KA, Muehlberg SM, Bartlett CM, Esterman A, Coster DJ: The Australian corneal graft registry 1999 report, Adelaide, Australien (1999)
185. Williams NS, Engelhard VH (1996): Perforin-dependent cytotoxic activity and lymphokine secretion by CD4+ T cells are regulated by CD8+ T cells, J Immunol 159: 2091-2099
zitiert nach: siehe Quelle 120
186. Zierhut M, Stiemer R (1997): [Physiological protective mechanisms of the eye], Klin Monatsbl Augenheilkd 211: 1-11

