

BIBLIOGRAFIA

1. Gibson T, Medawar PB ***The fate of skin homografts in man. J Anat 1943 Jul; 77(Pt 4): 299-310.4.***
2. Medawar PB ***The behaviour and fate of skin autografts and skin homografts in rabbits: A report to the War Wounds Committee of the Medical Research Council. J Anat. 1944 Oct; 78(Pt 5): 176-99.***
3. Lafferty KJ, Prowse SJ, Simeonovic CJ, Warren HS. ***Immunobiology of tissue transplantation: a return to the passenger leukocyte concept. Annu Rev Immunol. 1983; 1: 143-73.***
4. Bjorkman P.J., Saper M. A., Samraoui B, Bennett W.S., Strominger J.L. and Wiley D.C. ***Structure of the Human class I Histocompatibility antigen HLA-A2. Nature 1987; 329: 506-512.***
5. Bjorkman P.J and Parham P. ***Structure, function and diversity of class I major histocompatibility complex molecule. Annual Review of Biochemistry 1990; 59: 253-288.***
6. Campbell R.D. and Trowsdale J. ***Map of the human MHC. Immunology Today 1993; 14: 349-352.***
7. Silver M.L., Guo H.C., Strominger J.L. and Wiley D.C. ***Atomic structure of a human MHC molecule presenting an influenza virus peptide. Nature 1992; 360: 367-369.***
8. Little A.M., Parham P. ***Polymorphism and evolution of HLA class I and II genes and molecules. Rev Immunogenet 1999; 1. 105.***
9. Bjorkmann P.J., Parham P. ***Structure, function and diversity of class I major histocompatibility complex molecules. Annual Review of Biochemistry. 1990; 59, 253.***

Analisi qualitativa e quantitativa del microchimerismo emopoietico in pazienti sottoposti a trapianto di rene

10. Yones Y. **MHC class I and class II structure.** Curr. Op. In Immun 1997; 9; 75.
11. Natarajan K., Li H, Mariuzza R, A., et al. **MHC class I molecules, structure and function.** Rev. Immunogenet. 1999; 9; 32.
12. Caruso C. **Il controllo genetico della risposta immunitaria.** In Curtoni E., Illeni M. T., Reali G. *Il maggior sistema di istocompatibilità nell'uomo.* SIITS-AICT editore: 1993; Milano, 209.
13. Marsh SG., Bodmer J.G., and Albert E.D. **Nomenclature for factors of the HLA system 2000.** Eur J Immunogenet. 2001; 28-377.
14. Bodmer J. G., Marsch S. G. E., Albert E. D., et al. **Nomenclature for factors of the HLA system.** Tissue Antigens 1994; 44, 1-18.
15. Zinkernagel RM, Doherty PC **The discovery of MHC restriction.** Immunol. Today 1997; 18,14.
16. Kisielow P, Miazek A. **Positive selection of T cells: rescue from programmed cell death and differentiation require continual engagement of the T cell receptor.** J Exp Med. 1995 Jun; 1-181.
17. Würch A, Biro J, Falk I, Mossmann H, Eichmann K. **Reduced generation but efficient TCR beta-chain selection of CD4+8+ double-positive thymocytes in mice with compromised CD3 complex signalling.** J Immunol. 1999 Mar 1;162 (5): 2741-7.
18. Levelt, C. N., and K. Eichmann. **Receptors and signals in early thymic selection.** Immunity 1995; 3: 667.
19. Fehling, H. J., and H. von Boehmer **Early $\alpha\beta$ T cell development in the thymus of normal and genetically altered mice.** Curr. Opin. Immunol 1997; 9: 263.

20. JA Pons Minano, P.Ramirez Romero, R.Robles Campos, F. Sanchez Bueno and P.Parrilla Paricio ***Tolerance and chimerism in liver transplantation.*** *Rev Esp Enferm Dig* 2007; 99: 343-350.
21. Lechler R, Ng WF, Steinman RM. ***Dendritic cells in transplantation-Friend or foe?*** *Immunity* 2001; 14: 357-68.
22. Hall BM. ***Cells mediating allograft rejection.*** *Transplantation* 1991; 51: 1141-51.
23. Shoskes DA, Word KJ. ***Indirect presentation of MHC antigens in transplantation.*** *Immunol Today* 1994; 15: 32-8.
24. Demetris AJ, Qian S, Sun H, et al. ***Early events in liver allograft rejection. Delineation of sites of simultaneous intragraft and recipient lymphoid tissue sensitization.*** *Am J Pathol* 1991; 138: 609-19.
25. Illigens BM, Yamada A, Fedoseyeva EV, et al. ***The relative contribution of direct and indirect antigen recognition pathways to the alloresponse and graft rejection depends upon the nature of the transplant.*** *Hum. Immunol.* 2002; 63: 912-25.
26. Williams GM, Hume DM, Hudson RP Jr, Morris PJ, Kano K, Milgrom F: ***“Hyperacute” renal-homograft rejection in man.*** *N Engl J Med* 1968; 279: 611–618.
27. Porter KA: ***Morphological aspects of renal homograft rejection.*** *Br Med Bull* 1965; 21: 171–175.
28. Kissmeyer-Nielsen F, Olsen S, Petersen VP, Fjeldborg O: ***Hyperacute rejection of kidney allografts, associated with pre-existing humoral antibodies against donor cells.*** *Lancet* 1966; 662–665.

30. Halloran PF, Wadgymar A, Ritchie S, Falk J, Solez K, Srinivasa NS: ***The significance of the anti-class I antibody response. Clinical and pathologic features of anti-class I-mediated rejection.*** *Transplantation* 1990; 49: 85–91.
31. Halloran PF, Schlaut J, Solez K, Srinivasa NS: ***The significance of the anti-class I antibody response. II. Clinical and pathological features of renal transplants with anti-class I-mediated rejection.*** *Transplantation* 1990; 49: 85–91.
32. Manikkam Suthanthiran ***Human renal allograft rejection: molecular characterization.*** *Nephrol Dial Transplant* 1998; 13.
33. Demetris AJ ***Pathology of chronic rejection.*** *Graft* 1998; 1,6.
34. Womer KL, Lee RS, Madsen JC, Sayegh MH ***Tolerance and chronic rejection.*** *Philos Trans R Soc Lond B Biol Sci.* 2001 May 29;356(1409): 727-38.
35. Denton, M. D., Magee, C. C. and Sayegh, M. H. ***Immunosuppressive strategies in transplantation.*** *Lancet* 1999; 353: 1083.
36. Suthanthiran, M., Morris, R. E. and Strom, T. B. ***Immunosuppressants: cellular and molecular mechanisms of action.*** *Am. J. Kidney Dis.* 1996; 28: 159.
37. Machado PG, Tedesco HS, Silva RG, Pacheco-Silva A, J. O. Medina. ***Use of reduced dose of OKT3 (2.5 mg) after renal transplantation.*** *Transplant Proc* 2002; 34: 104.
38. Womer KL. ***Transplantation Tolerance.*** *Saudi J Kidney Dis Transpl* 2005; 16: 498-505.
39. Kamradt T, Mitchison NA. ***Tolerance and autoimmunity.*** *N Engl J Med* 2001; 344(9): 655.

40. Pons Miñano JA, Ramírez Romero P, Robles Campos R, Sánchez Bueno F, Parrilla Paricio P. ***Tolerance and chimerism in liver transplantation.*** *Rev Esp Enferm Dig.* 2007 Jun;99 (6): 343-50. Porter K.A.: ***Pathology of the orthotopic homograft and heterograft.*** In Starzl T.E. : ***Evidence in hepatic transplantation.*** W.B. Saunders Company, Philadelphia, PA 1969; 427-437.
41. Murase N., et al.: ***Long survival in rats after multivisceral versus isolated small bowel allotransplantation under FK506.*** *Surgery* 1991; 110, 87-98.
42. Starzl et al.: ***Systemic chimerism in human female recipients of male livers.*** *Lancet* 1992; 340, 876-877.
43. Starzl et al.: ***Cell migration, chimerism and graft acceptance.*** *Lancet*, 339, 1579-1582; 1992.
44. Wilson WEC, Kirkpatrick CH: ***Immunological aspects of renal homotransplantation.*** In Starzl TE, ed. *Experience in renal transplantation.* Philadelphia: WB Saunders, 1964.
45. Murase N, Demetris AJ, Matsuzaki T, et al: ***Long survival in rats after multivisceral versus isolated small bowel allotransplantation under FK506.*** *Surgery* 1991; 110: 87, 98.
46. Starzl TE, Demetris AJ, Trucco M, Zeevi A, Ramos H, Terasaki P, Rudert WA, Kocova M, Ricordi C, Ildstad S, et al: ***Chimerism and donor-specific nonreactivity 27 to 29 years after kidney allotransplantation.*** *Transplantation.* 1993 Jun; 55(6): 1272-7.
47. Thomson AW, Lu L, Murase N, Demetris AJ, Rao AS, Starzl TE: ***Microchimerism, dendritic cell progenitors and transplantation tolerance.*** *Stem Cells.* 1995 Nov; 13(6): 622-39.

48. Starzl TE. **Chimerism and tolerance in transplantation.** *Proc Natl Acad Sci USA.* 2004 Oct 5; 101 Suppl 2: 14607-14
49. Schlitt HJ, Hundrieser J, Ringe B, Pichlmayr R.: **Donor-type microchimerism associated with graft rejection eight years after liver transplantation.** *N Engl J Med.* 1994 Mar 3; 330(9):646-7.
50. Murata H, Ratajczak P, Meignin V, Groussard O, Fournier M, Socié G, Mal H, Janin A **Endothelial cell chimerism associated with graft rejection after human lung transplantation.** *Transplantation.* 2008 Jan 15; 85(1): 150-4.
51. Murase N, Demetris AJ, Woo J, Tanabe M, Furuya T, Todo S, Starzl TE. **Graft-versus-host disease after brown Norway-to-Lewis and Lewis-to-Brown Norway rat intestinal transplantation under FK506.** *Transplantation.* 1993 Jan; 55(1): 1-7.
52. Sakamoto T, Ye Q, Lu L, Demetris AJ, Starzl TE, Murase N. **Donor hematopoietic progenitor cells in nonmyeloablated rat recipients of allogeneic bone marrow and liver grafts.** *Transplantation.* 1999 Mar 27; 67(6): 833-40.
53. Evans P.C. et al.: **Long-term fetal microchimerism in peripheral blood mononuclear cell subsets in healthy women and women with sclerodermia.** *Blood* 1999; 93, 6, 2033-2037.
54. Zimmermann K, Mannhalter JW. **Technical aspects of Quantitative Competitive PCR.** *BioTechniques* 1996; 21: 268.
55. Kwok S, Higuchi R. **Avoiding false positive with PCR.** *Nature* 1989; 339: 237-238.

56. De Kant E, Rochlitz CF, Herrmann R. ***Gene expression analysis by a competitive and differential PCR with antisense competitors.*** *BioTechniques* 1994; 17: 934.
57. Carter AS, Bunce M, Cerundolo L, Welsh KI, Morris PJ, Fuggle SV. ***Detection of microchimerism after allogeneic blood transfusion using nested polymerase chain reaction amplification with sequence-specific primers (PCR-SSP): a cautionary tale.*** *Blood* 1998; 92: 683-6.
58. Higuchi, R., Dollinger, G., Walsh, P. S., and Griffith, R.. ***Simultaneous amplification and detection of specific DNA sequences.*** *Biotechnology* 1992, 10: 413–417.
59. Higuchi, R., Fockler, C., Dollinger, G., and Watson, R. ***Kinetic PCR: Real time monitoring of DNA amplification reactions.*** *Biotechnology* 1993; 11: 1026–1030.
60. Holland, P. M., Abramson, R. D., Watson, R., and Gelfand, D. H. ***Detection of specific polymerase chain reaction product by utilizing the 5' to 3' exonuclease activity of *Thermus aquaticus* DNA polymerase.*** *Proceedings of the National Academy of Sciences USA.* 1991; 88: 7276–7280.
61. Lee, L. G., Connell, C. R., and Bloch, W. ***Allelic discrimination by nick-translation PCR with fluorogenic probes.*** *Nucleic Acids Research* 1993; 21: 3761–3766.
62. Livak, K. J., Flood, S. J. A., Marmaro, J., Giusti, W., and Deetz, K. ***Oligonucleotides with fluorescent dyes at opposite ends provide a quenched probe system useful for detecting PCR product and***

- nucleic acid hybridization. PCR Methods and Applications 1995, 4: 357–362.*
63. Artlett CM, Dito CG, Christner PJ. Biol Proced Online. ***Methodology for Detecting Trace Amounts of Microchimeric DNA from Peripheral Murine White Blood Cells by Real-time PCR.*** Epub 2003 5: 103-107.
64. Byrne P, Huang W, Wallace VM, Shean MK, Zhang Z, Zhong Q, Theodossiou C, Blakesley H, Kolls JK, Schwarzenberger P. ***Chimerism analysis in sex-mismatched murine transplantation using quantitative Real-time PCR.*** Biotechniques 2002; 32: 276-286.
65. Hahn S, Zhong XY, Burk MR, Troeger C, Holzgreve W. ***Multiplex and Real-time quantitative PCR on fetal DNA in maternal plasma. A comparison with fetal cells isolated from maternal blood.*** Ann NY Acad Sci 2000; 906: 148-152.
66. Lo YMD, Tein MSC, Lau TK, Haines CJ, Leung TN, Poon PMK, Wainscoat JS, Johnson PJ, Chang PMZ, Hjelm NM. ***Quantitative analysis of fetal DNA in maternal plasma and serum: implications for noninvasive prenatal diagnosis.*** Am J Hum Genet 1998; 62: 768-775.
67. Christner PJ, Artlett CM, Conway RF, Jimenez SA. ***Increased numbers of microchimeric cells of fetal origin are associated with dermal fibrosis in mice following injection of vinyl chloride.*** Arthritis Rheum. 2000 Nov; 43(11): 2598-605.
68. Artlett CM, Dito CG, Christner PJ. ***Methodology for Detecting Trace Amounts of Microchimeric DNA from Peripheral Murine White***

- Blood Cells by Real-time PCR. Biol Proced Online. 2003; 5: 103-107.*
69. Wood KJ. *Passenger leukocytes and microchimerism: what role in tolerance induction? Transplantation. 2003 May 15; 75.*
70. Okasha KM, Al-Tweigeri TA, Jurado AV, Shoker AS. *Analysis of the relationship between chimerism and the allogeneic humoral response. Transplantation. 1998 Oct 27; 66(8): 1028-34.*
71. Sivasai KS, Alevy YG, Duffy BF, Brennan DC, Singer GG, Shenoy S, Lowell JA, Howard T, Mohanakumar T. *Peripheral blood microchimerism in human liver and renal transplant recipients: rejection despite donor-specific chimerism. Transplantation. 1997 Aug 15; 64(3): 427-32.*
72. Zhou YC, Cecka JM. *Effect of HLA matching on renal transplant survival. Clin Transpl. 1993; 499-510.*