



# TRANSPLANTATION TOLERANCE

[Publications](#)

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## Joint Publications

*The Riset Consortium Partners have, where possible, collaborated to produce joint research publications. In the following list these joint papers are indicated in red.*

### FORTHCOMING PUBLICATIONS

- ✚ Chassang. G., Rial-Sebbag E., Cambon-Thomsen A. Les fondements de l'éthique de la recherche en droit communautaire (submitted to International Journal of bioethics)
- ✚ Mahalatchimy, E. Rial-Sebbag, V. Tournay, A. Cambon-Thomsen, A-M. Duguet, F. Taboulet Access to advanced therapy medicinal products in the EU: where do we stand? To be submitted to the European Journal of Health Law
- ✚ Cambon-Thomsen A., Mahalatchimy A., Rial-Sebbag E. Translating Proteomic Biomarkers Into Clinic: New Ethical Issues Or Different Perspectives On Classical Ethical Dilemma? Proteomics (submitted, August 2010, Special issue)
- ✚ Mahalatchimy, A. Cambon-Thomsen "L'accès aux biotechnologies dans l'Union Européenne: mesures d'incitation et limites" European Summer School, 30 June- 8 July 2010, Toulouse: To be published in Les Etudes Hospitalières, Collection « Séminaire d'actualité de droit medical »
- ✚ Van Kooten, C., G. Lombardi, K.A. Gelderman, P. Sagoo, M. Buckland, R. Lechler, and M-C. Cuturi. Dendritic cells as a tool to induce transplantation tolerance: obstacles and opportunities. 2010. Transplantation, provisionally accepted
- ✚ Chantal Kuhn, Sylvaine You, Fabrice Valette, Geoff Hale, Peter van Endert, Jean-François Bach, Herman Waldmann and Lucienne Chatenoud. Human CD3 transgenic mice: a robust avenue for preclinical testing of antibodies promoting immune tolerance. (submitted)
- ✚ Sylvaine You, Chantal Kuhn, Fabrice Valette, Virginia Sauvaget, Florence Porte, Nicolas Ducrot, Sabine Sarnacki, Jean-François Bach, Birgit Sawitzki, Hans-Dieter Volk and Lucienne Chatenoud Immune tolerance to fully mismatched allografts using CD3 antibodies requires delayed treatment at the time of T cell activation burst. (submitted)
- ✚ S. Heidt, D.L. Roelen, Y.j.h. de Vaal, C. Eijsink, S. Thomas, H.D. Volk, M.G.D. Kester, F.H.J. Claas, A. Mulder. A novel ELISPOT assay to quantify HLA-specific B cells in HLA-Immunized individuals. Manuscript in preparation.
- ✚ Sylvaine You and Lucienne Chatenoud. New Generation Cd3 Monoclonal Antibodies: Are We Ready To Have Them Back In Clinical Transplantation? Current Opinion in Organ Transplantation (In Press)
- ✚ Renaud Snanoudj, Sophie Candon and Christophe Legendre. Targeting B-Cells In Sensitized Kidney Transplant Patients: State Of The Art And Future Perspectives Current Opinion in Organ Transplantation (In Press)

- ✦ Ilias I.N. Doxiadis, Dave Roelen, Frans H.J. Claas. Mature Wines Are Better: Cdc As The Leading Method To Define Highly Sensitized Patients (In Press)
- ✦ Maria-Carlota Londoño, Marta-Cecilia López, and Alberto Sánchez-Fueyo. Minimization Of Immunosuppression In Adult Liver Transplantation: New Strategies And Tools (In Press)
- ✦ Golshayan D, Wyss J-C, Buckland M, Hernandez-Fuentes M and Lechler RI. Differential role of naïve and memory CD4+ T-cell subsets in primary alloresponses (2010) Amer J Transplantation (in press)
- ✦ Van Kooten, C., and K.A. Gelderman. In vitro generated DC with tolerogenic functions: perspectives for in vivo cellular therapy. 2010. Meth Mol Biol. (In Press)
- ✦ Kraaij, M.D., N.D.L. Savage, S.W. van der Kooij, K. Koekkoek, J. Wang, J.M. van den Berg, T.H.M. Ottenhoff, T.W. Kuijpers, R. Holmdahl, C. van Kooten, and K.A. Gelderman. Induction of regulatory T cells by macrophages is dependent on reactive oxygen species production 2010 Proc. Natl. Acad. (In Press)
- ✦ Hutchinson et al. Macrophages driven to a novel state of activation have tolerogenic properties in kidney transplant recipients
- ✦ Donckier et al. Acute liver transplant rejection upon immunosuppression withdrawal in a tolerance trial. Prediction by whole blood qPCR analysis
- ✦ Sanchez-Fueyo . Characterization of whole blood gene expression patterns associated with acute rejection upon immunosuppression withdrawal
- ✦ Alcock S, Smyth LS, Sagoo P., Buckland M., Tanriver Y., Lechler R., and Lombardi G. Tolerogenic dendritic cells risk sensitisation *in vivo* due to processing and presentation by recipient antigen-presenting cells.
- ✦ Afzali B, Mitchell P, Rani A, Khamri W, Kordasti S, Ray KP, Bamford KB, Grimbacher B, John S, Lechler RI, Lombardi G. Sustained activation of STAT3 and inactivation of SOCS3 by IL-1b leads to conversion of human regulatory T cells to Th17.
- ✦ Afzali B, Mitchell P, Hernandez-Fuentes M, Lechler RI, Lombardi G. Barriers to regulatory T cell therapy after depleting induction in transplantation: human Tregs more potently suppress proliferation and effector function of homologous naïve CD45RA<sup>+</sup> than memory CD45RO<sup>+</sup> CD4<sup>+</sup>CD25<sup>-</sup> T cells *in vitro*.
- ✦ Mitchell P, Afzali B, Ray KP, Bamford KB, Lechler RI, Lombardi G. Expansion of regulatory T cells by Helicobacter pylori is driven by IL-1b produced by dendritic cells.
- ✦ 2 Reviews on Regulatory T cells as adoptive cell therapy (KCL)
- ✦ Gregori S, Roncarolo MG and Bacchetta R. Methods for *in vitro* generation of human type 1 regulatory T (Tr1) cells. Humana Press edited by I. Anegón and MC Cuturi.
- ✦ Gregori S, Tomasoni D, Pacciani V, Scirpoli M, Battaglia M, Magnani CF, Hauben E and Roncarolo MG. Differentiation of type 1 T regulatory (Tr1) cells requires the IL-10-dependent ILT4/HLA-G pathway. Under 2<sup>nd</sup> consideration to Blood
- ✦ Bacchetta R, Gregori S, Serafini G, Sartirana C, Schulz, Zino E, Tomiuk S, Janßen U, Ponzoni M, Paties CT, Fleishhauer K and

Roncarolo MG. Molecular and functional characterization of alloantigen-specific anergic T-cell suitable for cell therapy. submitted to *Haematologica*.

- ✚ Bacchetta R, Sartirana C, Lucarelli B, Lupo Stanghellini MT, Gregori S, Tomiuk S, Greco R, Ambrosi A, Velardi A, Aversa F, Martelli MF, Zappone E, Bernardi M, Rossini S, Salomoni M, Peccatori J, Ciceri F, and Roncarolo MG. Interleukin-10 anergized T cell infusion provides immune reconstitution without severe graft-versus-host disease after haploidentical hematopoietic stem cell transplantation. Under preparation
- ✚ Preserved humoral immune responses under maintenance immunosuppressive therapy with everolimus (2010, resubmitted to *Kidney Int* by AMC Ten Berge)
- ✚ Pre-transplant measurement of alloreactivity by multiparameter MLC-CFSE assay identifies patients at risk for acute rejection. (2010, submitted by AMC Ten Berge)
- ✚ Rapid T cell repopulation after Anti-Thymocyte globulin (ATG) treatment is mainly driven by cytomegalovirus (in preparation)
- ✚ Maud Racapé, Jean-Paul Duong Van Huyen, Richard Danger, Magali Giral, Annaïck Pallier, Françoise Bleicher, Paul Pilet, Petra Tafelmeyer, Joanna Ashton-Chess, Emilie Dugast, Ségolène Pettré, Béatrice Charreau, Jean-Paul Soulillou and Sophie Brouard. Deciphering the role of SMILE/TMTC3, a molecule overexpressed in the blood of patients tolerating a renal allograft without immunosuppression. En preparation
- ✚ Patrick Miqueu, Nicolas Degauque, Marina Guillet, Magali Giral, Catherine Ruiz, Annaïck Pallier, Cecile Braudeau, Gwenaëlle

Rousseau-Kesler, Joanna Ashton-Chess, Jean-Christophe Doré, Eric Thervet, Christophe Legendre, Maria P. Hernandez-Fuentes, Anthony N. Warrens, Michel Goldman, Hans-Dieter Volk, Uwe Janssen, Kathryn J. Wood, Robert I. Lechler, Dominique Bertrand, Véronique Sébille, Jean-Paul Soulillou, and Sophie Brouard. Peripheral T cell repertoire analysis of stable kidney graft recipients for assessment of the immunological risk of rejection in the long term. In revision.

- ✚ Chassang. G., Rial-Sebbag E., Cambon-Thomsen A. Les fondements de l'éthique de la recherche en droit communautaire in *Les Etudes Hospitalières*. Collection « Séminaire d'actualité de droit médical », Bordeaux 2010, (in press)
- ✚ Mahalatchimy, E. Rial-Sebbag, V. Tournay, A. Cambon-Thomsen, A-M. Duguet, F. Taboulet Access to advanced therapy medicinal products in the EU: where do we stand? To be submitted to the *European Journal of Health Law*
- ✚ Anne Cambon-Thomsen, Aurélie Mahalatchimy, Emmanuelle Rial-Sebbag Translating Proteomic Biomarkers Into Clinic: New Ethical Issues Or Different Perspectives On Classical Ethical Dilemma? *Proteomics* (to be submitted, June 2010, Special issue)
- ✚ Mahalatchimy, A. Cambon-Thomsen "L'accès aux biotechnologies dans l'Union Européenne: mesures d'incitation et limites" *European Summer School*, 30 June- 8 July 2010, Toulouse: To be published in *Les Etudes Hospitalières*, Collection « Séminaire d'actualité de droit médical »
- ✚ In addition 3 articles on the social dialogue and the motivations of patients to be submitted to *Peer Review Journals* in Summer 2010 (INSERM – Anne Cambon-Thomsen et al)

- ✚ Van de Laar, L., A. van den Bosch, S.W. van der Kooij, H.L.A. Janssen, P.J. Coffers, C. van Kooten, and A.M. Woltman. 2010. A non-redundant role for canonical NF- $\kappa$ B in human myeloid dendritic cell development and function. *Submitted for publication*
- ✚ Zuidwijk, K., J.W. de Fijter, M.J.K. Mallat, M. Eikmans, M. van Groningen, I. Bajema, and C. van Kooten. 2010. Renal allograft rejection is characterized by local dendritic cells maturation and dendritic cell influx. *Submitted for publication*
- ✚ Gelderman, K.A., M.D. Kraaij, S.W. van der Kooij, K. Koekkoek, J. Wang, R. Holmdahl, and C. van Kooten. 2010. Reactive oxygen species produced by anti-inflammatory macrophages downregulate T cell responses and induce regulatory T cells in vitro and in vivo. *Submitted for publication*
- ✚ Csomor, E., S. van der Kooij, and C. van Kooten. 2010. Activation using combinations of toll-like receptor ligands and CD40L can enhance the regulatory function of human dendritic cells. *In preparation*
- ✚ Stax, A.M., K. Zuidwijk, M.C. Essers, N. Schlagwein, S.W.A. Kamerling, I.M. Bajema, C. van Kooten. 2010. Regulatory capacity of dexamethasone-treated rat dendritic cells does not affect NK cells in fully mismatched kidney transplantation. *Submitted for publication*
- ✚ Cuturi, MC, G. Lombardi, R Lechler, and C van Kooten. 2010. Pitfalls and possibilities of negative vaccination using tolerogenic dendritic cells. *In preparation*
- ✚ Papatriantafyllou M, Moldenhauer G, Tafuri A, Garbi N, Hollmann G, Popovic, Z, Klevenz A, Küblbeck G, Niehrs C, Gröne HJ, Hämmerling GJ, Oelert T, Arnold B. Down modulation of local T cell responses by Dickkopf 3. (submitted)
- ✚ 2 manuscripts in preparation: Biomarkers and Campath/Infliximab induction, Campath/Infliximab induction in kidney transplant recipients (IKEM)
- ✚ Millard AL, Spirig R, Mueller NJ, Seebach JD, Rieben R. Inhibition of direct and indirect TLR-mediated activation of human NK cells by low molecular weight dextran sulfate. Submitted for publication.
- ✚ Spirig R, Djafarzadeh S, Regueira T, Shaw SG, von Garnier C, Takala J, Jakob SM, Rieben R, Lepper PM. Effects of TLR agonists on the hypoxia-regulated transcription factor HIF-1 $\alpha$  and dendritic cell maturation under normoxic conditions. Revised version submitted for publication.
- ✚ Search for the immunological signature of tolerance in liver transplantation (IDIBAPS)
- ✚ Biomarkers of acute cellular rejection in liver transplantation (IDIBAPS)
- ✚ Intra-graft molecular profiling of tolerant liver transplant recipients (IDIBAPS)
- ✚ Ünsal Yapici<sup>1</sup>, Joris J.T.H. Roelofs<sup>1</sup>, Frédérique J. Bemelman<sup>2</sup>, Jaap Groothoff<sup>3</sup>, Chris M. van der Loos<sup>1</sup>, Karlijn van Donselaar-van der Pant<sup>2</sup>, Mirza Idu<sup>4</sup>, Nike Claessen<sup>1</sup>, Ineke J.M. ten Berge<sup>2\*</sup>, Sandrine Florquin<sup>1\*</sup> IL-17 protein in renal allograft upon acute rejection correlates with inflammation, fibrosis and poor renal outcome.

- ✦ Kers Jesper, Xu-Dubois Y-Chun, Rondeau Eric, Claessen, Nike, Idu Mirza, Roelofs Joris, Bemelman Frederike, ten Berge Ineke, Florquin Sandrine. Intra-graft tubular vimentin and CD44 expression correlate with late renal allograft function and interstitial fibrosis/tubular atrophy. (accepted for publication in Transplantation).
- ✦ Laurence A. Turka Kathryn Wood and Jeffrey A. Bluestone Bringing Transplantation Tolerance Into the Clinic: Lessons From the ITN and RISE Consortium. Current Opinion in Transplantation (in Press)
- ✦ D.C. Wu, J. Wieckiewicz, S.N. Nadig, W. Zhang, P. Trzonkowski, D. Gray, P. Johnson and K.J. Wood. Manuscript prepared: Ex vivo expanded human CD25<sup>hi</sup>CD4<sup>+</sup> regulatory T cells can prevent rejection of a human islet allograft.
- ✦ Manuscript in preparation: Role of IL1R2 in human T regulatory cells biology. (Oxford – Wood)
- ✦ Manuscript in preparation: Human T regulatory cells and rapamycin synergize to prevent transplant arteriosclerosis in a humanized mouse model. (Oxford – Wood)
- ✦ Manuscript in preparation together with Elise Chiffolleau and M. C. Cutturi. (Oxford – Wood)
- ✦ Milan (in vitro samples, submitted to Haematologica) (Miltenyi)
- ✦ Milan (T01, patient samples, submitted to Blood) (Miltenyi)
- ✦ Kiel (T03\*, Mregs, close to submission) (Miltenyi)
- ✦ publications are planned for the trials T16 (Brussels), T06 (Prague), T18 (Barcelona) (Miltenyi)
- ✦ Expression of TOR1D has been assessed in mice and its function evaluated in mice DCs. Journal of Leukocyte Biology. (In press)
- ✦ Pre-transplant measurement of alloreactivity by multiparameter MLC-CFSE assay identifies patients at risk for acute rejection. P.vd Berg et al, (submitted)
- ✦ The demonstration that donor drug-treated DCs although very efficient in vitro in expanding/inducing Tregs, in vivo are processed and presented in a stimulatory manner (submitted)
- ✦ TOAG as a predictor for allograft rejection and linked to graft deterioration? B Sawitzki, IKEM and AMC (In preparation)
- ✦ Conditions for the establishment of transplant tolerance to skin allografts using CD3 antibodies. Chantal Kuhn et al. (In preparation)

## Publications in Peer-Reviewed Journals

### 2010

Keymeulen B, Candon S, Fafi-Kremer S, Ziegler A, Leruez-Ville M, Mathieu C, Vandemeulebroucke E, Walter M, Crenier L, Thervet E, Legendre C, Pierard D, Hale G, Waldmann H, Bach JF, Seigneurin JM, Pipeleers D, Chatenoud L. Transient Epstein Barr virus reactivation in CD3 monoclonal antibody-treated patients. (2009) *Blood* 115(6):1145-1155

Condamine T, Le Texier L, Howie D, Lavault A, Hill M, Halary F, Cobbold S, Waldmann H, Cuturi MC, Chiffolleau E. Tmem176B and Tmem176A are associated with the immature state of dendritic cells.

*J Leukoc Biol.* 2010 May 28.

Keymeulen B, Vandemeulebroucke E, Ziegler A.G, Mathieu C, Kaufman L, Hale G, Gorus F, Goldman M, Walter U, Candon S, Schandene L, Crenier L, De Block C, Seigneurin JM, De Pauw P, Pierard D, Weets I, Rebello P, Bird P, Berrie E, Frewin M, Waldmann H, Bach JF, Pipeleers D, Chatenoud L. Insulin needs after CD3-antibody therapy in new-onset type 1 diabetes. *N Engl J Med* 2005; 352: 2598-2608

Keymeulen B, Walter M, Mathieu C, Kaufman L, Gorus F, Hilbrands R, Vandemeulebroucke E, Van de Velde U, Crenier L, De Block C, Candon S, Waldmann H, Ziegler A.G, Chatenoud L, Pipeleers D. Four-year metabolic outcome of a randomised controlled CD3-antibody trial in recent-onset type 1 diabetic patients depends on their age and baseline residual beta cell mass. (2010) *Diabetologia* 53(4):614-623

You S, Belghith M, Cobbold S, Alyanakian MA, Gouarin C, Barriot S, Garcia C, Waldmann H, Bach JF, Chatenoud L. Autoimmune diabetes onset results from qualitative rather than quantitative age-dependent changes in

pathogenic T cells. *Diabetes* 2005; 54 (5):1415-1422.

Struijk GH, Minnee RC, Koch SD, Zwinderman AH, van Donselaar-van der Pant KA, Idu MM, Ten Berge IJ, Bemelman FJ. Maintenance immunosuppressive therapy with everolimus preserves humoral immune responses.

*Kidney Int.* 2010 Aug 11. [Epub ahead of print]

Nadig SN, Wieckiewicz J, Wu DC, Warnecke G, Zhang W, Luo S, Schiopu A, Taggart DP, Wood KJ. In vivo prevention of transplant arteriosclerosis by ex vivo-expanded human regulatory T cells.

*Nat Med.* 2010 Jul;16(7):809-13.

Farquhar CA, Paterson AM, Cobbold SP, Garcia Rueda H, Fairchild PJ, Yates SF, Adams E, Saunders NJ, Waldmann H, Nolan KF. Tolerogenicity is not an absolute property of a dendritic cell.

*Eur J Immunol.* 2010 Jun;40(6):1728-37

Bacchetta R, Gregori S, Serafini G, Sartirana C, Schulz U, Zino E, Tomiuk S, Jansen U, Ponzoni M, Paties CT, Fleischhauer K, Roncarolo MG. Molecular and functional characterization of alloantigen-specific anergic T-cells suitable for cell therapy. *Haematologica.* 2010 Aug 16.

Gregori S, Tomasoni D, Pacciani V, Scirpoli M, Battaglia M, Magnani CF, Hauben E, Roncarolo MG. Differentiation of type 1 T regulatory cells (Tr1) by tolerogenic DC-10 requires the IL-10-dependent ILT4/HLA-G pathway. *Blood.* 2010 Aug 12;116(6):935-44. Epub 2010 May 6.

Castellano, G., L.A. Trouw, N. Fiore, M.R. Daha, F.P. Schena, and C. van Kooten. Infiltrating dendritic cells contribute to local synthesis of C1q in mice and human lupus nephritis. 2010 *Mol Immunol.* 47:2129-2137

Tanriver Y, Ratnasothy K, Bucy RP, Lombardi G, Lechler RI (2010). Targeting MHC Class I monomers to dendritic cells inhibits the indirect pathway of allorecognition and the production of IgG alloantibodies leading to long-term allograft survival. *J Immunol* 184, 1757-1764

Newell KA, Asare A, Kirk AD..... Lechler RI.. et al. (2010). Identification of a B cell signature associated with renal transplant tolerance in humans. *J Clin Invest* 120, 1836-1847

Hernandez-Fuentes MP, Lechler RI. A 'biomarker signature' for tolerance in transplantation. *Nat Rev Nephrol*. 2010 Aug 17.

Golshayan D, Wyss JC, Buckland M, Hernandez-Fuentes M, Lechler RI Differential role of naïve and memory CD4 T-cell subsets in primary alloresponses. *Am J Transplant*. 2010 Aug;10(8):1749-59.

Newell KA, Asare A, Kirk AD, Gisler TD, Bourcier K, Suthanthiran M, Burlingham WJ, Marks WH, Sanz I, Lechler RI, Hernandez-Fuentes MP, Turka LA, Seyfert-Margolis VL. Immune Tolerance Network ST507 Study Group. Identification of a B cell signature associated with renal transplant tolerance in humans. *J Clin Invest*. 2010 Jun 1;120(6):1836-47.

Condamine T, Le Ludeuc JB, Chiffolleau E, Bériou G, Louvet C, Heslan M, Tilly G, Cuturi MC. Characterization of Schlafen-3 expression in effector and regulatory T cells.. *J Leukoc Biol*. 2010;87(3):451-6.

Leo Hansmann, Christian Schmidl, Tina J. Boeld, Reinhard Andreesen, Petra Hoffmann, Michael Rehli, Matthias Edinger  
Isolation of intact genomic DNA from FOXP3-sorted human regulatory T cells for epigenetic analyses *European Journal of Immunology* 2010 40: 1510-1512

B. Wei, S. Baker, J. Wieckiewicz and K.J. Wood. IFN-gamma triggered STAT1-PKB/AKT signalling pathway influences the function of alloantigen reactive regulatory T cells. *Am J Transplant*. 2010 Jan;10(1):69-80.

Newell KA, Asare A, Kirk AD, Gisler TD, Bourcier K, Suthanthiran M, Burlingham WJ, Marks WH, Sanz I, Lechler RI, Hernandez-Fuentes MP, Turka LA, Seyfert-Margolis VL, for the ITN ST507 Study Group. Identification of a B cell signature associated with renal transplant tolerance in humans. (2010) *J Clin Invest* 120 (6): 1836-47

Sagoo P, Perucha E, Sawitzki B, Tomiuk S, Stephens DA, Miqueu P, Chapman S, Craciun L, Sergeant R, Brouard S, Rovis F, Jimenez E, Ballow A, Giral M, Rebollo-Mesa I, Le Moine A, Braudeau C, Hilton R, Gerstmayer B, Bourcier K, Sharif A, Krajewska M, Lord GM, Roberts I, Goldman M, Wood KJ, Newell K, Seyfert-Margolis V, Warrens AN, Janssen U, Volk H-D, Souillou J-P, Hernandez-Fuentes MP, Lechler RI Development of a crossplatform biomarker signature to detect renal transplant tolerance in humans. (2010) *J Clin Invest* 120 (6): 1848-61

Chambers JC, Zhang W, Lord GM, van der Harst P, Lawlor DA, Sehmi JS, Gale DP, Wass MN, Ahmadi KR, Bakker SJL, Beckmann J, Bilo HJG, Bochud M, Brown MJ, Caulfield MJ, Connell JMC, Cook HT, Cotlarciuc I, Smith GD, de Silva R, Deng G, Devuyst O, Dikkeschei LD, Dimkovic N, Dockrell M, Dominiczak A, Ebrahim S, Eggermann T, Farrall M, Ferrucci L, Floege J, Forouhi NG, Gansevoort RT, Han X, Hedblad B, van der Heide JH, Hepkema BG, Hernandez-Fuentes M, Hyponen E, Johnson T, de Jong PE, Kleefstra N, Lagou V, Lapsley M, Li Y, Loos RJF, Luan J, Luttrupp K, Maréchal C, Melander O, Munroe PB, Nordfors L, Parsa A, Peltonen L, Penninx BW, Perucha E, Pouta A, Prokopenko I, Roderick PJ, Ruokonen A, Samani NJ, Sanna S, Schalling M, Schlessinger D, Schlieper G, Seelen MAJ, Shuldiner AR, Sjögren M, Smit JH, Snieder H, Soranzo N, Spector TD, Stenvinkel P, Sternberg MJE, Swaminathan R, Tanaka T, Ubink-Veltmaat LJ, Uda M, Vollenweider P, Wallace C, Waterworth D, Zerres K, Waeber G, Wareham

NJ, Maxwell PH, McCarthy MI, Jarvelin M-R, Mooser V, Abecasis GR, Lightstone L, Scott J, Navis G, Elliott P, Kooner JS. Genetic loci influencing kidney function and chronic kidney disease. (2010) *Nat Genet.* 42(5):373-5.

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Khamri W, Walker MM, Clark P, Atherton JC, Thursz MR, Bamford KB, Lechler RI, Lombardi G. (2010) *Helicobacter pylori* stimulates dendritic cells to induce IL-17 expression from CD4+ T lymphocytes. *Infect Immun* 78, 845-853

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Oelert T, Papatrifiantayllou M, Pougialis G, Hammerling GJ, Arnold B, Schuler T. Irradiation and IL-15 promote loss of CD8 T cell tolerance in response to lymphopenia. *Blood.* 2010 Jan 14. [Epub ahead of print]

Viklicky O, Hribova P, Volk HD, Slatinska J, Petrasek J, Bandur S, Honsova E, Reinke P. Molecular phenotypes of acute rejection predict kidney graft prognosis. *J Am Soc Nephrol.* 2010 Jan;21(1):173-80.

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Atalar K, Afzali B, Lord G, Lombardi G. Relative roles of Th1 and Th17 effector cells in allograft rejection. *Curr Opin Organ Transplant.* 2009 Feb;14(1):23-9. PubMed PMID: 19337142.

Kapitz C, Cambon-Thomsen A. Induction de tolérance en transplantation : quel débat éthique?..... in « Accès aux transplantations d'organes et de tissus en Europe, et droits aux soins en Europe » Les Etudes Hospitalières. Collection « Séminaire d'actualité de droit médical », Bordeaux 2009, 173-186

Mahalatchimy A. Aspects juridiques des essais cliniques des thérapies innovantes pour les greffes (Judicial aspects of the advanced therapies' clinical assays for the graft), XIIème Séminaire d'actualité de droit médical « Accès aux transplantations d'organes et de tissus en Europe », Les Etudes hospitalières, p. 159-171.

A. Mahalatchimy "Aspects juridiques des essais cliniques des thérapies innovantes pour les greffes" (Judicial aspects of the advanced therapies' clinical assays for the graft) In « Etudes de droit communautaire de la santé et du médicament », Etudes de l'Institut de Recherche en droit Européen International et Comparé, (Studies coordinated by Pr M. Blanquet et N. De Grove-Valdeyron), Presses de l'Université des Sciences Sociales de Toulouse, V/2009, p. 169-189.

Duguet AM dir., Filippi I, Herveg J. Accès aux transplantations d'organes et de tissus en Europe, et droits aux soins en Europe » Les Etudes

Hospitalières. Collection « Séminaire d'actualité de droit médical », Bordeaux 2009, (396 p)

A. Mahalatchimy "L'harmonisation de l'accès au marché des médicaments de thérapie innovante : entre volonté et réalité" *Revue Générale de Droit Médical*, N° 33, Décembre 2009, pp. 257- 272.

Bertier G., Rial-Sebbag E, Cambon-Thomsen A. 2004-2009 : Révision de la loi de bioéthique en France, quels enjeux, quels débats ? *Assistance médicale à la procréation, gestation pour autrui, transplantation. Médecine et Droit*, 2010 (2010), 42-48

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