

## 2014

1. Martin, J. C. J., G. Beriou, M. Heslan, C. Chauvin, L. Utriainen, A. Aumeunier, C. L. Scott, A. Mowat, V. Cerovic, S. A. Houston, M. Leboeuf, F. X. Hubert, C. Hemont, M. Merad, S. Milling, and R. Josien. 2014. Interleukin-22 binding protein (IL-22BP) is constitutively expressed by a subset of conventional dendritic cells and is strongly induced by retinoic acid. *Mucosal Immunol* 7: 101–113.
2. Couvrat-Desvergnès, G., A. Masseur, O. Benveniste, A. Bruel, B. Hervier, J.-M. Mussini, D. Buob, E. Hachulla, P. Remy, R. Azar, E. Mac Namara, B. MacGregor, L. Daniel, A. Lacraz, T. De Broucker, P. Rouvier, P. Carli, M. Laville, E. Dantan, M. Hamidou, A. Moreau, and F. Fakhouri. 2014. The spectrum of renal involvement in patients with inflammatory myopathies. *Medicine (Baltimore)* 93: 33–41.
3. Fakhouri, F., Y. Delmas, F. Provot, C. Barbet, A. Karras, R. Makdassi, C. Courivaud, K. Rifard, A. Servais, C. Allard, V. Besson, M. Cousin, V. Chatelet, J.-M. Goujon, J.-P. Coindre, G. Laurent, C. Loirat, and V. Frémeaux-Bacchi. 2014. Insights from the use in clinical practice of eculizumab in adult patients with atypical hemolytic uremic syndrome affecting the native kidneys: an analysis of 19 cases. *YAJKD* 63: 40–48.
4. Chesneau, M., A. Pallier, F. Braza, G. Lacombe, S. Le Gallou, D. Baron, M. Giral, R. Danger, P. Guerif, H. Aubert-Wastiaux, A. Neel, L. Michel, D. A. Laplaud, N. Degauque, J. P. Souillou, K. Tarte, and S. Brouard. 2014. Unique B cell differentiation profile in tolerant kidney transplant patients. *Am J Transplant* 14: 144–155.
5. Chauveau, A., P. Tonnerre, A. Pabois, P. J. Gavlovsky, M. Chatelais, S. Coupel, and B. Charreau. 2014. Endothelial cell activation and proliferation modulate NKG2D activity by regulating MICA expression and shedding. *J Innate Immun* 6: 89–104.
6. Garrigue, V., I. Szwarc, M. Giral, J.-P. Souillou, C. Legendre, H. Kreis, M. Kessler, M. Ladrière, N. Kamar, L. Rostaing, E. Morelon, F. Buron, P. Daguin, and G. Mourad. 2014. Influence of anemia on patient and graft survival after renal transplantation: results from the French DIVAT cohort. *Transplantation* 97: 168–175.
7. Palavecino, C. E., P. F. Cespedes, R. S. Gomez, A. M. Kalergis, and S. M. Bueno. 2014. Immunization with a recombinant bacillus Calmette-Guerin strain confers protective Th1 immunity against the human metapneumovirus. *J Immunol* 192: 214–223.
8. Collongues, N., C. Papeix, H. Zephir, B. Audoin, F. Cotton, F. Durand-Dubief, S. Vukusic, D. Brassat, D. Laplaud, and R. Marignier. 2014. [Nosology and etiologies of acute longitudinally extensive transverse myelitis]. *Rev Neurol (Paris)* 170: 6–12.
9. Abarrategui-Pontes, C., A. Creneguy, R. Thinard, E. J. Fine, V. Thepenier, L. R. L. Fournier, T. J. Cradick, G. Bao, L. Tesson, G. Podevin, I. Anegon, and T. H. Nguyen. 2014. Codon swapping of zinc finger nucleases confers expression in primary cells and in vivo from a single lentiviral vector. *Curr Gene Ther* 14: 365–376.
10. Neel, A., F. Perrin, O. Decaux, T. Dejoie, B. Tessoulin, M. Halliez, B. Mahe, T. Lamy, F. Fakhouri, P. Jégo, C. Agard, C. Vigneau, L. Guenet, B. Grosbois, P. Moreau, and M. Hamidou. 2014. Long-term outcome of monoclonal (type 1) cryoglobulinemia. *Am J Hematol* 89: 156–161.
11. Foucher, Y., A. Akl, V. Rousseau, K. Trebern-Launay, M. Lorent, M. Kessler, M. Ladrière, C. Legendre, H. Kreis, L. Rostaing, N. Kamar, G. Mourad, V. Garrigue, E. Morelon, F. Buron, J.-P. Daures, J.-P. Souillou, and M. Giral. 2014. An alternative approach to estimate age-related mortality of kidney transplant recipients compared to the general population: results in favor of old-to-old transplantations. *Transpl. Int.* 27: 219–225.

12. Anegon, I. 2014. Preface: In 2013 gene therapy is a Nike; for 2014, just do it! *Curr Gene Ther* 14: 1.
13. Mai, H.-L., F. Boeffard, J. Longis, R. Danger, B. Martinet, F. Haspot, B. Vanhove, S. Brouard, and J.-P. Soulillou. 2014. IL-7 receptor blockade following T cell depletion promotes long-term allograft survival. *J. Clin. Invest.* 124: 1723–1733.
14. Pain, M., O. Bermudez, P. Lacoste, P.-J. Royer, K. Botturi, A. Tissot, S. Brouard, O. Eickelberg, and A. Magnan. 2014. Tissue remodelling in chronic bronchial diseases: from the epithelial to mesenchymal phenotype. *Eur Respir Rev* 23: 118–130.
15. Dugast, E., M. Chesneau, J.-P. Soulillou, and S. Brouard. 2014. Biomarkers and possible mechanisms of operational tolerance in kidney transplant patients. *Immunol. Rev.* 258: 208–217.
16. Mackern-Oberti, J. P., S. A. Riquelme, C. Llanos, C. B. Schmidt, T. Simon, I. Anegon, E. Jara, C. A. Riedel, S. M. Bueno, and A. M. Kalergis. 2014. Heme oxygenase-1 as a target for the design of gene and pharmaceutical therapies for autoimmune diseases. *Curr Gene Ther* 14: 218–235.
17. Danger, R., F. Braza, M. Giral, J.-P. Soulillou, and S. Brouard. 2014. MicroRNAs, Major Players in B Cells Homeostasis and Function. *Front Immunol* 5: 98.
18. Boland, L., R. Danger, Q. Cabon, M. Rabillard, S. Brouard, B. Bouvy, and O. Gauthier. 2014. MMP-2 as an early synovial biomarker for cranial cruciate ligament disease in dogs. *Vet Comp Orthop Traumatol* 27: 210–215.
19. David, L., and C. L. Hirsch. 2014. How Tets and cytoskeleton dynamics MET in reprogramming. *Cell Stem Cell* 14: 417–418.
20. Bodiguel, E., C. Bensa, D. Brassat, D. Laplaud, E. Le Page, J.-C. Ouallet, H. Zephir, and J. de Seze. 2014. Multiple sclerosis and pregnancy. *Rev Neurol (Paris)* 170: 247–265.
21. Dantan, E., C. Combescure, M. Lorent, J. Ashton-Chess, P. Daguin, J.-M. Classe, M. Giral, and Y. Foucher. 2014. An original approach was used to better evaluate the capacity of a prognostic marker using published survival curves. *J Clin Epidemiol* 67: 441–448.
22. Le Texier, L., J. Durand, A. Lavault, P. Hulin, O. Collin, Y. Le Bras, M. C. Cuturi, and E. Chiffolleau. 2014. LIMLE, a new molecule over-expressed following activation, is involved in the stimulatory properties of dendritic cells. *PLoS One* 9: e93894.
23. Salazar-Echegarai, F. J., H. E. Tobar, P. A. Nieto, C. A. Riedel, and S. M. Bueno. 2014. Conjugal transfer of the pathogenicity island ROD21 in Salmonella enterica serovar Enteritidis depends on environmental conditions. *PLoS One* 9: e90626.
24. Segovia, M., C. Louvet, P. Charnet, A. Savina, G. Tilly, L. Gautreau, L. Carretero-Iglesia, G. Beriou, I. Cebrian, T. Cens, L. Hepburn, E. Chiffolleau, R. A. Floto, I. Anegon, S. Amigorena, M. Hill, and M. C. Cuturi. 2014. Autologous dendritic cells prolong allograft survival through Tmem176b-dependent antigen cross-presentation. *Am J Transplant* 14: 1021–1031.
25. David, L., and J. M. Polo. 2014. Phases of reprogramming. *Stem Cell Res* 12: 754–761.
26. Poirier, N., C. Mary, S. Le Bas-Bernardet, V. Daguin, L. Belarif, M. Chevalier, J. Hervouet, D. Minault, S. Ville, V. Charpy, G. Blancho, and B. Vanhove. 2014. Advantages of Papio anubis for preclinical testing of immunotoxicity of candidate therapeutic antagonist antibodies targeting CD28. *MAbs* 6: 697–707.

27. Mathieux, E., V. Neri-Daguin, X. Leveque, D. Michel-Monigadon, T. Durand, V. Bonnamain, S. Menoret, I. Anegon, P. Naveilhan, and I. Neveu. 2014. IgG response to intracerebral xenotransplantation: specificity and role in the rejection of porcine neurons. *Am J Transplant* 14: 1109–1119.
28. Losa, D., T. Kohler, J. Bellec, T. Dudez, S. Crespin, M. Bacchetta, P. Boulanger, S. S. Hong, S. Morel, T. H. Nguyen, C. van Delden, and M. Chanson. 2014. Pseudomonas aeruginosa-induced apoptosis in airway epithelial cells is mediated by gap junctional communication in a JNK-dependent manner. *J Immunol* 192: 4804–4812.
29. Picarda, E., S. Bezie, V. Venturi, K. Echasserieau, E. Merieau, A. Delhumeau, K. Renaudin, S. Brouard, K. Bernardeau, I. Anegon, and C. Guillonnet. 2014. MHC-derived allopeptide activates TCR-biased CD8+ Tregs and suppresses organ rejection. *J Clin Invest* 124: 2497–2512.
30. Lavainne, F., E. Meffray, R. J. Pepper, M. Neel, C. Delcroix, A. D. Salama, and F. Fakhouri. 2014. Heparin use during dialysis sessions induces an increase in the antiangiogenic factor soluble Flt1. *Nephrology Dialysis Transplantation* 29: 1225–1231.
31. Schmitt, F., N. Pastore, C. Abarrategui-Pontes, M. Flageul, A. Myara, S. Laplanche, P. Labrune, G. Podevin, T. H. Nguyen, and N. Brunetti-Pierri. 2014. Correction of hyperbilirubinemia in Gunn rats by surgical delivery of low doses of helper-dependent adenoviral vectors. *Hum Gene Ther Methods* 25: 181–186.
32. Riedl, M., F. Fakhouri, M. Le Quintrec, D. G. Noone, T. C. Jungraithmayr, V. Frémeaux-Bacchi, and C. Licht. 2014. Spectrum of complement-mediated thrombotic microangiopathies: pathogenetic insights identifying novel treatment approaches. *Semin Thromb Hemost* 40: 444–464.
33. Le Berre, L., G. Tilly, and J. Dantal. 2014. Is there B cell involvement in a rat model of spontaneous idiopathic nephrotic syndrome treated with LF15-0195? *J Nephrol* 27: 265–273.
34. Lorent, M., M. Giral, and Y. Foucher. 2014. Net time-dependent ROC curves: a solution for evaluating the accuracy of a marker to predict disease-related mortality. *Stat Med* 33: 2379–2389.
35. Drujont, L., L. Carretero-Iglesia, L. Bouchet-Delbos, G. Bériou, E. Merieau, M. Hill, Y. Delneste, M. C. Cuturi, and C. Louvet. 2014. Evaluation of the therapeutic potential of bone marrow-derived myeloid suppressor cell (MDSC) adoptive transfer in mouse models of autoimmunity and allograft rejection. *PLoS One* 9: e100013.
36. Crespin, S., M. Bacchetta, J. Bou Saab, P. Tantilipikorn, J. Bellec, T. Dudez, T. H. Nguyen, B. R. Kwak, J. S. Lacroix, S. HUANG, L. Wiszniewski, and M. Chanson. 2014. Cx26 regulates proliferation of repairing basal airway epithelial cells. *Int. J. Biochem. Cell Biol.* 52: 152–160.
37. Gomez, R. S., J. E. Mora, C. M. Cortes, C. A. Riedel, M. Ferrés, S. M. Bueno, and A. M. Kalergis. 2014. Respiratory syncytial virus detection in cells and clinical samples by using three new monoclonal antibodies. *J. Med. Virol.* 86: 1256–1266.
38. Dang, B. T., C. Geny, P. Blanchard, C. Rouger, P. Tonnerre, B. Charreau, G. Rakolomalala, J. I. Randriamboavonjy, G. Loirand, P. Pacaud, M. Litaudon, P. Richomme, D. Seraphin, and S. Derbre. 2014. Advanced glycation inhibition and protection against endothelial dysfunction induced by coumarins and procyanidins from *Mammea neurophylla*. *Fitoterapia* 96: 65–75.
39. Fink, K. D., J. Rossignol, M. Lu, X. Leveque, T. D. Hulse, A. T. Crane, V. Neri-Daguin, R. D. Wyse, P. A. Starski, M. T. Schloop, D. J. Dues, S. J. Witte, C. Song, L. Vallier, T. H. Nguyen, P. Naveilhan, I. Anegon, L. Lescaudron, and G. L. Dunbar. 2014. Survival and differentiation of adenovirus-generated induced pluripotent stem cells transplanted into the rat striatum. *Cell Transplant* 23: 1407–1423.

40. Remy, S., L. Tesson, S. Ménoret, C. Usal, A. De Cian, V. Thepenier, R. Thinard, D. Baron, M. Charpentier, J.-B. Renaud, R. Buelow, G. J. Cost, C. Giovannangeli, A. Fraichard, J.-P. Concordet, and I. Anegon. 2014. Efficient gene targeting by homology-directed repair in rat zygotes using TALE nucleases. *Genome Res.* 24: 1371–1383.
41. Ménoret, S., L. Tesson, S. Remy, C. Usal, V. Thepenier, R. Thinard, L.-H. Ouisse, A. De Cian, C. Giovannangeli, J.-P. Concordet, and I. Anegon. 2014. Gene targeting in rats using transcription activator-like effector nucleases. *Methods* 69: 102–107.
42. Yap, M., F. Boeffard, E. Clave, A. Pallier, R. Danger, M. Giral, J. Dantal, Y. Foucher, C. Guillot-Gueguen, A. Toubert, J.-P. Soulillou, S. Brouard, and N. Degauque. 2014. Expansion of highly differentiated cytotoxic terminally differentiated effector memory CD8+ T cells in a subset of clinically stable kidney transplant recipients: a potential marker for late graft dysfunction. *J. Am. Soc. Nephrol.* 25: 1856–1868.
43. Cespedes, P. F., S. M. Bueno, B. A. Ramirez, R. S. Gomez, S. A. Riquelme, C. E. Palavecino, J. P. Mackern-Oberti, J. E. Mora, D. Depoil, C. Sacristán, M. Cammer, A. Crenequy, T. H. Nguyen, C. A. Riedel, M. L. Dustin, and A. M. Kalergis. 2014. Surface expression of the hRSV nucleoprotein impairs immunological synapse formation with T cells. *Proc Natl Acad Sci U S A* 111: E3214–23.
44. Espinoza, J. A., K. Bohmwald, P. F. Cespedes, C. A. Riedel, S. M. Bueno, and A. M. Kalergis. 2014. Modulation of host adaptive immunity by hRSV proteins. *Virulence* 5: 740–751.
45. Mackern-Oberti, J. P., F. Vega, C. Llanos, S. M. Bueno, and A. M. Kalergis. 2014. Targeting dendritic cell function during systemic autoimmunity to restore tolerance. *Int J Mol Sci* 15: 16381–16417.
46. Espinoza, J. A., S. M. Bueno, C. A. Riedel, and A. M. Kalergis. 2014. Induction of protective effector immunity to prevent pathogenesis caused by the respiratory syncytial virus. Implications on therapy and vaccine design. *Immunology* 143: 1–12.
47. Martin, J. C., D. L. Baeten, and R. Josien. 2014. Emerging role of IL-17 and Th17 cells in systemic lupus erythematosus. *Clin Immunol* 154: 1–12.
48. Vabres, B., S. Le Bas-Bernardet, D. Riochet, Y. Cherel, D. Minault, J. Hervouet, Y. Ducournau, A. Moreau, V. Daguin, F. Coulon, A. Pallier, S. Brouard, S. C. Robson, M. B. Nottle, P. J. Cowan, E. Venturi, P. Mermillod, P. Brachet, C. Galli, I. Lagutina, R. Duchi, J.-M. Bach, G. Blancho, J.-P. Soulillou, and B. Vanhove. 2014. hCTLA4-Ig transgene expression in keratocytes modulates rejection of corneal xenografts in a pig to non-human primate anterior lamellar keratoplasty model. *Xenotransplantation* 21: 431–443.
49. Favre, G. A., M. Touzot, V. Frémeaux-Bacchi, H. Hyvernats, J.-P. Gueffet, P. S. Rohrlach, V. Queyrel, V. Esnault, and F. Fakhouri. 2014. Malignancy and thrombotic microangiopathy or atypical haemolytic and uraemic syndrome? *Br J Haematol* 166: 802–805.
50. Elkabes, S., and A. B. Nicot. 2014. Sex steroids and neuroprotection in spinal cord injury: a review of preclinical investigations. *Exp. Neurol.* 259: 28–37.
51. Kim, M. K., H. J. Choi, I. Kwon, R. N. 3. Pierson, D. K. C. Cooper, J.-P. Soulillou, P. J. O'Connell, B. Vabres, N. Maeda, H. Hara, L. Scobie, P. Gianello, Y. Takeuchi, K. Yamada, E.-S. Hwang, S. J. Kim, and C.-G. Park. 2014. The International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of xenocorneal transplantation. *Xenotransplantation* 21: 420–430.
52. Martel, S. I., S. A. Riquelme, A. M. Kalergis, and F. Bozinovic. 2014. Dietary effect on immunological energetics in mice. *J Comp Physiol B* 184: 937–944.

53. Pabois, A., J. Devalliere, T. Quillard, F. Coulon, N. Gérard, C. Laboisse, C. Toquet, and B. Charreau. 2014. The disintegrin and metalloproteinase ADAM10 mediates a canonical Notch-dependent regulation of IL-6 through DLL4 in human endothelial cells. *Biochem. Pharmacol.* 91: 510–521.
54. Larcher, T., A. Lafoux, L. Tesson, S. Remy, V. Thepenier, V. Francois, C. Le Guiner, H. Goubin, M. Dutilleul, L. Guigand, G. Toumaniantz, A. De Cian, C. Boix, J.-B. Renaud, Y. Cherel, C. Giovannangeli, J.-P. Concordet, I. Anegon, and C. Huchet. 2014. Characterization of dystrophin deficient rats: a new model for Duchenne muscular dystrophy. *PLoS One* 9: e110371.
55. Chesné, J., R. Danger, K. Botturi, M. Reynaud-Gaubert, S. Mussot, M. Stern, I. Danner-Boucher, J.-F. Mornex, C. Pison, C. Dromer, R. Kessler, M. Dahan, O. Brugière, J. Le Pavec, F. Perros, M. Humbert, C. Gomez, S. Brouard, and A. Magnan. 2014. Systematic analysis of blood cell transcriptome in end-stage chronic respiratory diseases. *PLoS One* 9: e109291.
56. Gomez, R. S., I. Guisle-Marsollier, K. Bohmwald, S. M. Bueno, and A. M. Kalergis. 2014. Respiratory Syncytial Virus: pathology, therapeutic drugs and prophylaxis. *Immunology Letters* 162: 237–247.
57. Baas, M. C., C. Kuhn, F. Valette, C. Mangez, M. S. Duarte, M. Hill, A. Besancon, L. Chatenoud, M. C. Cuturi, and S. You. 2014. Combining autologous dendritic cell therapy with CD3 antibodies promotes regulatory T cells and permanent islet allograft acceptance. *J Immunol* 193: 4696–4703.
58. Braza, F., J. Chesne, S. Castagnet, A. Magnan, and S. Brouard. 2014. Regulatory functions of B cells in allergic diseases. *Allergy* 69: 1454–1463.
59. Guitard, J., A.-L. Hebral, F. Fakhouri, D. Joly, E. Daugas, J. Rivalan, V. Guignon, F. Ducret, C. Presne, Y. Pirson, M. Hourmant, J.-C. Glachant, B. Vendrely, O. Moranne, S. Faguer, and D. Chauveau. 2014. Rituximab for minimal-change nephrotic syndrome in adulthood: predictive factors for response, long-term outcomes and tolerance. *Nephrology Dialysis Transplantation* 29: 2084–2091.
60. Bihouée, T., G. Bouchaud, J. Chesné, D. Lair, C. Rolland-Debord, F. Braza, M.-A. Cheminant, P. Aubert, G. Mahay, C. Sagan, M. Neunlist, S. Brouard, M. Bodinier, and A. Magnan. 2014. Food allergy enhances allergic asthma in mice. *Respir. Res.* 15: 142.
61. Le Bourgeois, A., M. Labopin, T. Guillaume, J. Delaunay, Y. Foucher, B. Tessoulin, F. Malard, S. Ayari, P. Peterlin, S. Derenne, P. Herry, A. Cesbron, K. Gagne, L. Lodé, M. Illiaquer, B.-M. Imbert-Marcille, S. Le Guillou, P. Moreau, M. Mohty, and P. Chevallier. 2014. Human herpesvirus 6 reactivation before engraftment is strongly predictive of graft failure after double umbilical cord blood allogeneic stem cell transplantation in adults. *Experimental Hematology* 42: 945–954.
62. Cantarovich, D., L. Rostaing, N. Kamar, D. Ducloux, Y. Saint-Hillier, G. Mourad, V. Garrigue, P. Wolf, B. Ellero, E. Cassuto, L. Albano, A. Volp, and J. P. Soulillou. 2014. Early corticosteroid avoidance in kidney transplant recipients receiving ATG-F induction: 5-year actual results of a prospective and randomized study. *Am J Transplant* 14: 2556–2564.
63. Chesné, J., F. Braza, G. Mahay, S. Brouard, M. Aronica, and A. Magnan. 2014. IL-17 in severe asthma. Where do we stand? *American Journal of Respiratory and Critical Care Medicine* 190: 1094–1101.
64. Roquilly, A., A. Broquet, C. Jacqueline, D. Masson, J. P. Segain, C. Braudeau, M. Vourc'h, J. Caillon, F. Altare, R. Josien, C. Retière, J. Villadangos, and K. Asehnoune. 2014. Hydrocortisone prevents immunosuppression by interleukin-10+ natural killer cells after trauma-hemorrhage. *Crit Care Med* 42: e752–61.

65. Michel, L., M. Chesneau, P. Manceau, A. Genty, A. Garcia, M. Salou, A. Elong Ngon, A. Pallier, M. Jacq-Foucher, F. Lefrère, S. Wiertlewski, J.-P. Soulillou, N. Degauque, D. A. Laplaud, and S. Brouard. 2014. Unaltered regulatory B-cell frequency and function in patients with multiple sclerosis. *Clin Immunol* 155: 198–208.
66. Chapal, M., F. Le Borgne, C. Legendre, H. Kreis, G. Mourad, V. Garrigue, E. Morelon, F. Buron, L. Rostaing, N. Kamar, M. Kessler, M. Ladrière, J.-P. Soulillou, K. Launay, P. Daguin, L. Offredo, M. Giral, and Y. Foucher. 2014. A useful scoring system for the prediction and management of delayed graft function following kidney transplantation from cadaveric donors. *Kidney Int.* 86: 1130–1139.
67. Gauttier, V., J.-P. Judor, V. Le Guen, J. Cany, N. Ferry, and S. Conchon. 2014. Agonistic anti-CD137 antibody treatment leads to antitumor response in mice with liver cancer. *Int. J. Cancer* 135: 2857–2867.
68. Moreau, A., C. Vandamme, M. Segovia, M. Devaux, M. Guilbaud, G. Tilly, N. Jaulin, J. Le Duff, Y. Cherel, J.-Y. Deschamps, I. Anegon, P. Moullier, M. C. Cuturi, and O. Adjali. 2014. Generation and in vivo evaluation of IL10-treated dendritic cells in a nonhuman primate model of AAV-based gene transfer. *Mol Ther Methods Clin Dev* 1: 14028.