

LISTE DES PUBLICATIONS DU SERVICE
D'IMMUNOLOGIE ET D'ALLERGOLOGIE
2012

Original Articles

1. Ansari M, Strunk D, Schallmoser K, Delcò C, Rougemont AL, Moll S, **Villard J**, Gumy-Pause F, Chalandon Y, Parvex P, Passweg J, Ozsahin H, Kindler V. Third-party mesenchymal stromal cell infusion is associated with a decrease in thrombotic microangiopathy symptoms observed post-hematopoietic stem cell transplantation. *Pediatr Transplant*. 2012 Mar;16(2):131-6. **IF 1.5** PMID:22151234
2. **Bettens F**, Passweg J, Schanz U, Chalandon Y, Heim D, Gungör T, Stussi G, Nicoloso G, Baldomero H, Gratwohl A, **Tiercy JM**. Impact of HLA-DPB1 haplotypes on outcome of 10/10 matched unrelated hematopoietic stem cell donor transplants depends on MHC-linked microsatellite polymorphisms. *Biol Blood Marrow Transplant*. 2012 Apr;18(4):608-16. **IF 3.7** PMID:21963878
3. Borel JC, Tamisier R, Gonzalez-Bermejo J, Baguet JP, Monneret D, Arnol N, **Roux-Lombard P**, Wuyam B, Levy P, Pépin JL. Noninvasive ventilation in mild obesity hypoventilation syndrome: a randomized controlled trial. *Chest*. 2012;141:692-702. (**IF 5.52**) PubMed PMID: 21885724.
4. Brož P*, **T. Harr***, C. Hecking, L. Grize, K. Scherer, KA. Jaeger, AJ. Bircher. (***Co-First-Authors**). Nonirritant intradermal skin test concentrations of ciprofloxacin, clarithromycin, and rifampicin. *Allergy*. 2012 May;67(5):647-52.
5. Buhler S, Nunes JM, Nicoloso G, **Tiercy JM**, Sanchez-Mazas A. The heterogeneous HLA genetic makeup of the Swiss population. *PLoS One*. 2012;7(7):e41400 **IF 4.1** PMID:22848484
6. Dubois V, Sloan-Béna F, Cesbron A, Hepkema BG, Gagne K, Gimelli S, Heim D, Tichelli A, Delaunay J, Drouet M, Jendly S, **Villard J, Tiercy JM**. Pretransplant HLA mistyping in diagnostic samples of acute myeloid leukemia patients due to acquired uniparental disomy. *Leukemia*. 2012 Sep;26(9):2079-85 **IF 9.6** PMID:22488219
7. **Ferrari-Lacraz S**, Sebbag M, **Chicheportiche R**, Foulquier C, Serre G, Dayer JM. Contact with stimulated T cells up-regulates expression of peptidylarginine deiminase 2 and 4 by human monocytes. *Eur Cytokine Netw*. 2012 Jun;23(2):36-44. PMID: 22614825
8. Finckh A, Courvoisier DS, Pagano S, Bas S, Chevallier-Ruggeri P, Hochstrasser D, **Roux-Lombard P**, Gabay C, Vuilleumier N. Evaluation of cardiovascular risk inpatients with rheumatoid arthritis: do cardiovascular biomarkers offer added predictive ability over established clinical risk scores? *Arthritis Care Res* 2012 ;64817-25 (**IF 4.75**) PMID: 22302385.
9. Fiocco U, Oliviero F, Sfriso P, Calabrese F, Lunardi F, Scaglioni E, Rubaltelli L, Stramare R, Di Maggio A, Nardacchione R, Cozzi L, Molena B, Felicetti M, Gazzola K, Lo Nigro A, Accordi B, **Roux-Lombard P**, Dayer JM, Punzi L. Synovial biomarkers in psoriatic arthritis. *J Rheumatol Suppl*. 2012 ;89:61-4 (**IF 3.69**) PMID: 22751595.
10. Girardin F, Daali Y, Gex-Fabry M, Rebsamen M, **Roux-Lombard P**, Cerny A, Bihl F, Binek J, Moradpour D, Negro F, Desmeules J; Swiss Hepatitis C Cohort Study Group. Liver kidney microsomal type 1 antibodies reduce the CYP2D6 activity in patients with chronic hepatitis C virus infection. *J Viral Hepat*. 2012;19:568-73. (**IF 3.5**) PMID: 22762141.
11. Gottenberg JE, Dayer JM, Lukas C, Ducot B, Chiocchia G, Cantagrel A, Saraux A, **Roux-Lombard P**, Mariette X. Serum IL-6 and IL-21 are associated with markers of B cell activation and structural progression in early rheumatoid arthritis: results from the ESPOIR cohort. *Ann Rheum Dis*. 2012;71:1243-8 (**IF 8.73**) PMID: 22532637.
12. Keller PF, Pagano S, **Roux-Lombard P**, Sigaud P, Rutschmann OT, Mach F, Hochstrasser D, Vuilleumier N. Autoantibodies against apolipoprotein A-1 and phosphorylcholine for diagnosis of non-ST-segment elevation myocardial infarction. *J Intern Med*. 2012;271:451-62 (**IF 5.9**) PMID: 22061093.

13. Mavrakanas TA, Lobrinus A, Berdagué P, **Seebach JD**, Reny JL. Severe mitral valve regurgitation in polymyositis. *J Clin Rheumatol*. 2012 Oct;18(7):367-9. PMID:23047538
14. Montecucco F, Di Marzo V, da Silva RF, Vuilleumier N, Capettini L, Lenglet S, Pagano S, Piscitelli F, Quintao S, Bertolotto M, Pelli G, Galan K, Pilet L, Kuzmanovic K, Burger F, Pane B, Spinella G, Braunersreuther V, Gayet-Ageron A, Pende A, Viviani GL, Palombo D, Dallegri F, **Roux-Lombard P**, Santos RA, Stergiopoulos N, Steffens S, Mach F. The activation of the cannabinoid receptor type 2 reduces neutrophilic protease-mediated vulnerability in atherosclerotic plaques. *Eur Heart J*. 2012;33:846-56 (IF 9.8). PMID: 22112961.
15. Pagano S, Satta N, Werling D, Offord V, de Moerloose P, Charbonney E, Hochstrasser D, **Roux-Lombard P**, Vuilleumier N. Anti-apolipoprotein A-1 IgG in patients with myocardial infarction promotes inflammation through TLR2/CD14 complex. *J Intern Med*. 2012;272:344-57. (IF 5.9) PMID: 22329401.
16. **Puga Yung GL**, Li Y, Borsig L, Millard AL, Karpova MB, Zhou D, **Seebach JD**. Complete absence of the α Gal xenoantigen and isoglobotrihexosylceramide in α 1,3galactosyltransferase knock-out pigs. *Xenotransplantation*. 2012 May-Jun;19(3):196-206. (IF 2.33) PMID:22702471
17. Quercioli A, Mach F, Bertolotto M, Lenglet S, Vuilleumier N, Galan K, Pagano S, Braunersreuther V, Pelli G, Pistoia V, Bianchi G, Cittadini G, Viviani GL, Pende A, **Roux-Lombard P**, Thomas A, Staub C, Ratib O, Dallegri F, Schindler TH, Montecucco F. Receptor activator of NF- κ B ligand (RANKL) increases the release of neutrophil products associated with coronary vulnerability. *Thromb Haemost*. 2012;107:124-39 (IF 4.7) PMID: 22116393.
18. Rigamonti F, De Benedetti E, Letovanec I, Rosset A, **Chizzolini C**. Cardiac involvement in Churg-Strauss syndrome mimicking acute coronary syndrome. *Swiss Med Wkly*. 2012;142:w13543 (IF 1.82) PMID: 22430939
19. Rossier MF, Pagano S, Python M, Maturana AD, James RW, Mach F, **Roux-Lombard P**, Vuilleumier N. Antiapolipoprotein A-1 IgG chronotropic effects require nongenomic action of aldosterone on L type calcium channels. *Endocrinology*. 2012;153:1269-78 (IF 4.99) PMID: 22253414.
20. Sanchez-Mazas A, Vidan-Jeras B, Nunes JM, Fischer G, Little AM, Bekmane U, Buhler S, Buus S, Claas FH, Dormoy A, Dubois V, Eglite E, Eliaou JF, Gonzalez-Galarza F, Grubic Z, Ivanova M, Lie B, Ligeiro D, Lokki ML, da Silva BM, Martorell J, Mendonça D, Middleton D, Voniatas DP, Papasteriades C, Poli F, Riccio ME, Vlachou MS, Sulcebe G, Tonks S, Nevessignsky MT, Vangenot C, van Walraven AM, **Tiercy JM**. Strategies to work with HLA data in human populations for histocompatibility, clinical transplantation, epidemiology and population genetics: HLA-NET methodological recommendations. *Int J Immunogenet*. 2012;39(6):459-72 IF 1.3 PMID:22533604
21. Schrag B, **Roux-Lombard P**, Schreiner D, Vaucher P, Mangin P, Palmiere C. Evaluation of C-reactive protein, procalcitonin, tumor necrosis factor alpha, interleukin-6, and interleukin-8 as diagnostic parameters in sepsis-related fatalities. *Int J Legal Med*. 2012 ;126:505-12. (IF 2.94) PMID: 21735293.
22. Stoppa-Vaucher S, Dirlewanger MA, Meier CA, de Moerloose P, Reber G, **Roux-Lombard P**, Combescure C, Saudan S, Schwitzgebel VM. Inflammatory and prothrombotic states in obese children of European descent. *Obesity* 2012;20:1662-8. (IF 4.28) PMID: 22484367.
23. **Truchetet ME**, Y Allanore, **E Montanari**, **C Chizzolini**, **NC Brembilla**. PGI2 analogs enhance already exuberant Th17 responses in systemic sclerosis. *Ann Rheum Dis*. 2012;71:2044-50 (IF 8.727) PMID: 22814427
24. Vuilleumier N, Pagano S, Lahlou K, Poncet A, Charbonney E, Norman GL, Mach F, **Roux-Lombard P**. Head-to-head comparison of auto-antibodies for cardiovascular outcome prediction after myocardial infarction: a prospective study. *J Clin Experiment Cardiol*. 2012;2:169 (provisional IF 2.18)

STUDY GROUP PAPERS:

The H1N1 Study Group of the Geneva University Hospitals, Geneva, Switzerland: members **J. D. Seebach, C. Ribi and J. Villard (Division of Immunology and Allergology)** H1N1 Study Group publications:

Schäppi MG, Meier S, Bel M, Siegrist CA, Posfay-Barbe KM; H1N1 Study Group. Protective antibody responses to influenza A/H1N1/09 vaccination in children with celiac disease. *J Pediatr Gastroenterol Nutr.* 2012 Jun;54(6):817-9. PMID:22228003

Siegrist CA, Ambrosioni J, Bel M, Combescure C, Hadaya K, Martin PY, Soccac PM, Berney T, Noble S, Meier S, Posfay-Barbe K, Grillet S, Kaiser L, van Delden C; H1N1 study group. Responses of solid organ transplant recipients to the AS03-adjuvanted pandemic influenza vaccine. *Antivir Ther.* 2012;17(5):893-903. doi: 10.3851/IMP2103. Epub 2012 Apr 27. PMID:22544169

Siegrist CA, van Delden C, Bel M, Combescure C, Delhumeau C, Cavassini M, Clerc O, Meier S, Hadaya K, Soccac PM, Yerly S, Kaiser L, Hirschel B, Calmy A; H1N1 Study Group; Swiss HIV Cohort Study (SHCS). Higher memory responses in HIV-infected and kidney transplanted patients than in healthy subjects following priming with the pandemic vaccine. *PLoS One.* 2012;7(7):e40428. IF 4.1 PMID:22848378

Calmy A, Bel M, Nguyen A, Combescure C, Delhumeau C, Meier S, Yerly S, Kaiser L, Hirschel B, Siegrist CA; H1N1 Study Group. Strong serological responses and HIV RNA increase following AS03-adjuvanted pandemic immunization in HIV-infected patients. *HIV Med.* 2012 Apr;13(4):207-18. IF 3.0 PMID:22093373

Hottinger AF, George AC, Bel M, Favet L, Combescure C, Meier S, Grillet S, Posfay-Barbe K, Kaiser L, Siegrist CA, Dietrich PY; H1N1 Study Group. A prospective study of the factors shaping antibody responses to the AS03-adjuvanted influenza A/H1N1 vaccine in cancer outpatients. *Oncologist.* 2012;17:436-45. PMID:22357731

International Histocompatibility Working Group in Hematopoietic Cell Transplantation (J.-M. Tiercy):

Fleischhauer K, Shaw BE, Gooley T, Malkki M, Bardy P, Bignon JD, Dubois V, Horowitz MM, Madrigal JA, Morishima Y, Oudshoorn M, Ringden O, Spellman S, Velardi A, Zino E, Petersdorf EW; **International Histocompatibility Working Group in Hematopoietic Cell Transplantation.** Effect of T-cell-epitope matching at HLA-DPB1 in recipients of unrelated-donor haemopoietic-cell transplantation: a retrospective study. *Lancet Oncol.* 2012 Apr;13(4):366-74. IF 22.6 PMID:22340965

Petersdorf EW; International Histocompatibility Working Group in Hematopoietic Cell Transplantation. Effect of T-cell-epitope matching at HLA-DPB1 in recipients of unrelated-donor haemopoietic-cell transplantation: a retrospective study. *Lancet Oncol.* 2012 Apr;13(4):366-74. IF 22.6 PMID:22340965

EUSTAR cohort (C. Chizzolini):

Meier FM, Frommer KW, Dinser R, Walker UA, Czirjak L, Denton CP, Allanore Y, Distler O, Riemekasten G, Valentini G, Müller-Ladner U; EUSTAR Co-authors Update on the profile of the EUSTAR cohort: an analysis of the EULAR Scleroderma Trials and Research group database. *Ann Rheum Dis.* 2012 ; 71:1355-60 (IF 8.727) PMID: 22615460

EUVAS investigators (C. Chizzolini)

Harper L, Morgan MD, Walsh M, Høglund P, Westman K, Flossmann O, Tesar V, Vanhille P, de Groot K, Luqmani R, Flores-Suarez LF, Watts R, Pusey C, Bruchfeld A, Rasmussen N, Blockmans D, Savage CO, Jayne D; EUVAS investigators. Pulse versus daily oral cyclophosphamide for induction of remission in ANCA-associated vasculitis: long-term follow-up. *Ann Rheum Dis.* 2012, 71:955-60. (IF 8.727) PMID: 22128076

Review / Editorial / Commentary

1. **Arlettaz L**, Abdou M, Pardon F, Dayer E. Eosinophilic fasciitis (Shulman disease). *Rev Med Suisse*. 2012;8(337):854-8. PMID:22594010
2. **Bergmann M**, Guignard B, **Ribi C**. Hypersensitivity to proton pump inhibitors. *Rev Med Suisse*. 2012;8(337):830-5. PMID:22594006
3. **Chizzolini C**. Progress in clinical immunology. *Rev Med Suisse* 2012, 323: 11-13. PMID: 22303732
4. **Ferrari-Lacraz S, Tiercy JM, Villard J**. Detection of anti-HLA antibodies by solid-phase assay in kidney transplantation: friend or foe? *Tissue Antigens*. 2012;79:315-25 (**IF 2.6**) PMID:22489941
5. Laperrousaz S, Tiercy S, Villard J, **Ferrari-Lacraz** HLA and non-HLA polymorphisms in renal transplantation. *Swiss Med Wkly*. 2012;142:w13668. PMID: 22936316
6. Madrane S, **Ribi C**. Central neuropsychiatric involvement in systemic lupus erythematosus. *Rev Med Suisse*. 2012 Apr 18;8(337):848-53. PMID:22594009
7. **Muller YD, Ehrchiou D**, Golshayan D, **Buhler LH, Seebach JD**. Potential of T-regulatory cells to protect xenografts. *Curr Opin Organ Transplant*. 2012;17:155-61. (**IF 3.0**) PMID:22273594
8. **Paiano S**. Allergen specific immunotherapy celebrated 100 years in 2011!. *Rev Med Suisse*. 2012 Jan 11;8(323):7-10.
9. Schneider MK, **Seebach JD**. Xenotransplantation literature update, September-October 2012. *Xenotransplantation*. 2012;19(6):370-4. (**IF 2.33**) PMID:23198733
10. Schneider MK, **Seebach JD**. Xenotransplantation literature update, July-August 2012. *Xenotransplantation*. 2012;19(5):323-5. (**IF 2.33**) PMID:22978464
11. Schneider MK, **Seebach JD**. Xenotransplantation literature update, May to June 2012. *Xenotransplantation*. 2012;19(4):265-8. (**IF 2.33**) PMID:22909140
12. Schneider MK, **Seebach JD**. Xenotransplantation literature update, March to April 2012. *Xenotransplantation*. 2012;19(3):207-11. (**IF 2.33**) PMID:22702472
13. Schneider MK, **Seebach JD**. Xenotransplantation literature update, January-February 2012. *Xenotransplantation*. 2012;19(2):133-6. (**IF 2.33**) PMID:22497515
14. Schneider MK, **Seebach JD**. Xenotransplantation literature update, November-December 2011. *Xenotransplantation*. 2012;19(1):65-9. (**IF 2.33**) PMID:22360756
15. Spertini F, **Seebach JD**. Drug allergies. *Rev Med Suisse*. 2012;8(337):827-8. PMID:22594005
16. **Tiercy JM**. Unrelated hematopoietic stem cell donor matching probability and search algorithm. *Bone Marrow Res*. 2012 (**IF 3.7**) PMID:23198148
17. Zimmermann A, Preynat-Seauve O, **Tiercy JM**, Krause KH, **Villard J**. Haplotype-based banking of human pluripotent stem cells for transplantation: potential and limitations. *Stem Cells Dev*. 2012;21:2364. (**IF 4.4**) PMID:22559254