

Liste publications CPTP – 2015

Eqp 1 (J van Meerwijk) : Tolérance Immunitaire dépendante des lymphocytes T

Decque A*, Joffre O*, Magalhaes JG*, Cossec JC*, Blecher-Gonen R, Lapaquette P, Silvin A, Manel N, Joubert PE, Seeler JS, Albert ML, Amit I, Amigorena S, Dejean A. *Sumoylation coordinates the repression of inflammatory and anti-viral gene-expression programs during innate sensing.* **Nat Immunol.** 2015 Dec 14. doi: 10.1038/ni.3342. [Epub ahead of print]

Thiault N*, Darrigues J*, Adoue V*, Gros M, Binet B, Perals C, Leobon B, Fazilleau N, Joffre OP, Robey EA, van Meerwijk JP, Romagnoli P. *Peripheral regulatory T lymphocytes recirculating to the thymus suppress the development of their precursors.* **Nat Immunol.** 2015 Jun;16(6):628-34. doi: 10.1038/ni.3150. Epub 2015 May 4.

Eqp 2 (S Valitutti) : Dynamique moléculaire des interactions lymphocytaires

Zilton Vasconcelos, Sabina Müller, Delphine Guipouy, Yu Wong, Claire Christophe, Sebastien Gadat, *Salvatore Valitutti and *Loic dupre. *Individual Cytotoxic T Lymphocytes Exhibit Intracloal Heterogeneity in Cumulative Killing.* **Cell Reports** (2015), conditionally accepted for publication.*The authors are co-senior authors

Wong Yu, Ning Jiang, Peter J. R. Ebert, Brian A. Kidd, Sabina Müller, Peder J.Lund, Jeremy Juang, Keishi Adachi, Tiffany Tse, Michael E. Birnbaum, Evan W. Newell1, Darrell M. Wilson, Gijbert M. Grotenbreg, Salvatore Valitutti, Stephen R. Quake, Mark M. Davis. *Clonal Deletion Prunes, but does not Eliminate Self-Specific ab CD8+ T Lymphocytes.* **Immunity** (2015), conditionally accepted for publication.

3-Claire Christophe, Sabina Müller, Magda Rodrigues, Anne-Elisabeth Petit, Patrick Cattiaux, Loïc Dupré, *Sébastien Gadat, and *Salvatore Valitutti. *A biased competition theory of cytotoxic T lymphocyte interaction with tumor nodules.* **PLOS ONE.** (2015) 10.1371.*The authors are co-senior authors.

R. Joulia, N. Gaudenzio, M. Rodrigues, J. Lopez, N. Blanchard, *S. Valitutti and *Eric Espinosa. *Mast cells form antibody-dependent degranulatory synapse for dedicated secretion and defense.* **Nat. Comm.** (2015) 6:6174.*The authors are co-senior authors

Malet-Engra G, Yu W, Oldani A, Rey-Barroso J, Gov NS, *Scita G, *Dupré L. *Collective cell motility promotes chemotactic prowess and resistance to chemotaxis.* **Curr Biol.** (2015) 25:242. *The authors are co-senior authors.

Revue

Dupré L, Houmadi R, Tang C, Rey-Barroso J. *T Lymphocyte Migration: An Action Movie Starring the Actin and Associated Actors.* **Front Immunol.** 2015 Nov 18;6:586. doi: 10.3389/fimmu.2015.00586. eCollection 2015. Review.

Vinicius Cotta-de-Almeida, Loic Dupré, Delphine Guipouy, Zilton Vasconcelos. *Signal Integration during T lymphocyte activation and function: Lessons from the Wiskott-Aldrich.* **Front Immunol.** (2015) 6:47. *The authors are co-senior authors.

Eqp 3 (JC Guery) : Différences liées au sexe dans l'immunité : mécanismes et physiopathologie

Lupar E, Brack M, Garnier L, Laffont S, Rauch KS, Schachtrup K, Arnold SJ, Guéry JC, and Izcue A. *Eomesodermin expression in CD4⁺ T cells restricts peripheral Foxp3 induction*. **J Immunol**. 2015 Nov 15;195(10):4742-52.

Griesbeck M, Ziegler S, Laffont L, Tomezsko P, Sharei A, Chauveau L, Smith N, Kourjian G, Porichis F, Hart M, Palmer CD, Sirignano M, Beisel C, Hildebrandt H, Cénac C, Villani AC, Diefenbach T, Richtmyer P, LeGall S, Schwartz O, Herbeuval JP, Autran B, Guéry JC, Chang JJ and Altfield M. *Sex differences in plasmacytoid dendritic cell levels of IRF5 drive higher IFN α production in women*. **J Immunol**. 2015 Dec 1;195(11):5327-36.

Laffont S, Garnier L, Lélu K, Guéry JC. *Estrogen-mediated protection of experimental autoimmune encephalomyelitis: lessons from the dissection of estrogen receptor-signaling in vivo*. **Biomed. J**. 2015;38:194-20. Review

Laffont S, and Guéry JC. *Research Highlight: Estrogen receptor-dependent modulation of dendritic cell biology: of mice and women*. **Receptors & Clinical Investigation** 2015; 2: e671.

Pelletier L, Rosa N, Savignac M. *La singularité de la signalisation calcique dans les lymphocytes: possibles implications thérapeutiques*. **Revue Française d'Allergologie**. 2014 Nov 1;54(7):519-28.

Eqp 4 (N fazilleau / S Guerder) : Cellules présentatrices de l'Antigène et Réponses T CD4

Laurent Serre, Nicolas Fazilleau and Sylvie Guerder, 2015. *Central tolerance spares the private high-avidity CD4⁺ T-cell repertoire specific for an islet antigen in the NOD mouse*. **Eur. J. Immunol**. DOI: 10.1002/eji.201445290.

Garidou L, Pomié C, Klopp P, Waget A, Charpentier J, Aloulou M, Giry A, Serino M, Stenman L, Lahtinen S, Dray C, Iacovoni JS, Courtney M, Collet X, Amar J, Servant F, Lelouvier B, Valet P, Eberl G, Fazilleau N, Douin-Echinard V, Heymes C and Burcelin R (2015) *The gut microbiota regulates intestinal CD4 T cells Expressing ROR γ t and controls metabolic disease*. **Cell Metabolism**. 2015 Jul 7;22(1):100-12. doi: 10.1016/j.cmet.2015.06.001

Viret, C*, Mahiddine, K*, Baker, R.L., Haskins, K., and Guerder, S. (2015). *The T Cell Repertoire-Diversifying Enzyme TSSP Contributes to Thymic Selection of Diabetogenic CD4 T Cell Specificities Reactive to ChgA and IAPP Autoantigens*. **J Immunol** 195, 1964-1973. * Co-first authors.

Joncker, N.T., Bettini, S., Boulet, D., Guiraud, M., and Guerder, S. (2015). *The site of tumor development determines immunogenicity via temporal mobilization of antigen laden dendritic cells in draining lymph nodes*. **Eur J Immunol**. doi: 10.1002/eji.201545797. [Epub ahead of print]

Thiault N, Darrigues J, Adoue V, Gros M, Binet B, Perals C, Leobon B, Fazilleau N, Joffre OP, Robey EA, van Meerwijk JP, Romagnoli P. *Peripheral regulatory T lymphocytes recirculating to the thymus suppress the development of their precursors*. **Nat Immunol**. 2015 Jun;16(6):628-34. doi: 10.1038/ni.3150. Epub 2015 May 4.

Chakarov S, Fazilleau N. *Tracking by flow cytometry antigen-specific follicular helper T cells in wild-type animals after protein vaccination*. **Methods Mol Biol**. 2015;1291:39-47. doi: 10.1007/978-1-4939-2498-1_4.

Viguié M, Bachelez H, Poirier B, Kagan J, Battistella M, Aubin F, Touzé A, Carmagnat M, Francès C, Gougeon ML, Fazilleau N. *Peripheral and local human papillomavirus 16-specific CD8+ T-cell expansions characterize erosive oral lichen planus*. **J Invest Dermatol**. 2015 Feb;135(2):418-24. doi: 10.1038/jid.2014.397. Epub 2014 Sep 10.

Eqp 5 (R Liblau/ A Saoudi) : Maladies inflammatoires du système nerveux : mécanismes et traitements

Bernard-Valnet R, Liblau RS, Vukusic S, Marignier R. *Neuromyelitis optica: a positive appraisal of seronegative cases*. **Eur J Neurol**. 2015 Dec;22(12):1511-e83. doi: 10.1111/ene.12679. Epub 2015 Feb 16. Review.

Tafti M, Lammers GJ, Dauvilliers Y, Overeem S, Mayer G, Nowak J, Pfister C, Dubois V, Eliaou JF, Eberhard HP, Liblau R, Wierzbička A, Geisler P, Bassetti CL, Mathis J, Lecendreux M, Khatami R, Heinzer R, Haba-Rubio J, Feketeova E, Baumann CR, Kutalik Z, Tiercy JM. *Narcolepsy-Associated HLA Class I Alleles Implicate Cell-Mediated Cytotoxicity*. **Sleep**. 2015 Oct 22. pii: sp-00331-15. [Epub ahead of print]

Garnier C, Martin-Blondel G, Debuissou C, Dubois D, Debard A, Cuzin L, Massip P, Delobel P, Marchou B. *Intra-nodal injection of gentamicin for the treatment of suppurated cat scratch disease's lymphadenitis*. **Infection**. 2015 May 23.

Bustamante MF, Morcillo-Suárez C, Malhotra S, Rio J, Leyva L, Fernández O, Zettl UK, Killestein J, Brassat D, García-Merino JA, Sánchez AJ, Urcelay E, Alvarez-Lafuente R, Villar LM, Alvarez-Cermeño JC, Farré X, Lechner-Scott J, Vandebroek K, Rodríguez-Antigüedad A, Drulovic JS, Martinelli Boneschi F, Chan A, Oksenberg J, Navarro A, Montalban X, Comabella M. Pharmacogenomic study in patients with multiple sclerosis: Responders and nonresponders to IFN- β . **Neurol Neuroimmunol Neuroinflamm**. 2015 Sep 24;2(5):e154. doi: 10.1212/NXI.000000000000154. eCollection 2015 Oct.

Schwab N, Schneider-Hohendorf T, Pignolet B, Spadaro M, Görlich D, Meinl I, Windhagen S, Tackenberg B, Breuer J, Cantó E, Kümpfel T, Hohlfeld R, Siffrin V, Luessi F, Posevitz-Fejfar A, Montalban X, Meuth SG, Zipp F, Gold R, Du Pasquier RA, Kleinschnitz C, Jacobi A, Comabella M, Bertolotto A, Brassat D, Wiendl H. PML risk stratification using anti-JCV antibody index and L-selectin. **Mult Scler**. 2015 Oct 2. pii: 1352458515607651. [Epub ahead of print]

Kuhle J, Hardmeier M, Disanto G, Gugleta K, Ecsedi M, Lienert C, Amato MP, Baum K, Buttmann M, Bayas A, Brassat D, Brochet B, Confavreux C, Edan G, Färkkilä M, Fredrikson S, Frontoni M, D'Hooghe M, Hutchinson M, De Keyser J, Kieseier BC, Kümpfel T, Rio J, Polman C, Roulet E, Stolz C, Vass K, Wandinger KP, Kappos L; European Long-term Follow-up Study Group in Interferon β -1b in Secondary-progressive Multiple Sclerosis. A 10-year follow-up of the European multicenter trial of interferon β -1b in secondary-progressive multiple sclerosis. **Mult Scler**. 2015 Sep 11. pii: 1352458515594440. [Epub ahead of print]

Tolou C, Mahieu L, Martin-Blondel G, Ollé P, Matonti F, Hamid S, Benouaich X, Debard A, Cassagne M, Soler V. *Posterior segment involvement in cat-scratch disease: A case series*. **J Fr Ophtalmol**. 2015 Dec;38(10):974-82. doi: 10.1016/j.jfo.2015.07.003. Epub 2015 Nov 3.

Hayder M, Varilh M, Turrin CO, Saoudi A, Caminade AM, Poupot R, Liblau RS. *Phosphorus-Based Dendrimer ABP Treats Neuroinflammation by Promoting IL-10-Producing CD4(+) T Cells*. **Biomacromolecules**. 2015 Nov 9;16(11):3425-33. doi: 10.1021/acs.biomac.5b00643. Epub 2015 Oct 7.

Martin-Blondel G, Iriart X, El Baidouri F, Simon S, Mills D, Demar M, Pistone T, Le Taillandier T, Malvy D, Couppe D, Munckhof W, Marchou B, Ravel C and Berry A. *An outbreak of Leishmania braziliensis cutaneous leishmaniasis in Saül, French Guiana*. **Emerg Infect Dis**. 2015 May;21(5):892-4. doi: 10.3201/eid2105.141181

Zabijak L, Attencourt C, Guignant C, Chatelain D, Marcelo P, Marolleau JP, Treiner E. *Increased tumor infiltration by mucosal-associated invariant T cells correlates with poor survival in colorectal cancer patients.* **Cancer Immunol Immunother.** 2015 Oct 23. [Epub ahead of print]

Barigou M, Cavalie L, Daviller B, Dubois D, Mantion B, Delobel P, Debard A, Prere MF, Marchou B, Martin-Blondel G. *Isolation on Chocolate Agar Culture of Legionella pneumophila Isolates from Subcutaneous Abscesses in an Immunocompromised Patient.* **J Clin Microbiol.** 2015 Nov;53(11):3683-5. doi: 10.1128/JCM.011116-15. Epub 2015 Aug 19.

Cobo-Calvo Á, Sepúlveda M, Bernard-Valnet R, Ruiz A, Brassat D, Martínez-Yélamos S, Saiz A, Marignier R. *Antibodies to myelin oligodendrocyte glycoprotein in aquaporin 4 antibody seronegative longitudinally extensive transverse myelitis: Clinical and prognostic implications.* **Mult Scler.** 2015 Jul 24. pii: 1352458515591071. [Epub ahead of print]

Pique J, Bonneville F, Brassat D, Peaureaux D, Benaiteau M, Dumas H, Fabre N, Clanet M, Biotti D. *Peripheral late reactivation of a previously typical monofocal Baló's concentric sclerosis lesion.* **Mult Scler.** 2015 Jul;21(8):1080-3. doi: 10.1177/1352458515586087. Epub 2015 May 26.

G. Martin-Blondel, B Pignolet, S Tietz, L Yshii, C Gebauer, T Perinat, I Van Weddingen, C Blatti, B Engelhardt, and RS Liblau. *Migration of encephalitogenic CD8 T cells into the central nervous system is dependent on the $\alpha 4\beta 1$ -integrin.* **Eur. J. Immunol.** 2015 Dec;45(12):3302-12. doi: 10.1002/eji.201545632. Epub 2015 Oct 6.

Treiner E, Liblau RS. *Mucosal-Associated Invariant T Cells in Multiple Sclerosis: The Jury is Still Out.* **Front Immunol.** 2015 Sep 30;6:503. doi: 10.3389/fimmu.2015.00503. eCollection 2015. Review.

Pedros C, Gaud G, Bernard I, Kassem S, Chabod M, Lagrange D, Andréoletti O, Dejean AS, Lesourne R, Fournié GJ, Saoudi A. *An Epistatic Interaction between Themis1 and Vav1 Modulates Regulatory T Cell Function and Inflammatory Bowel Disease Development.* **J Immunol.** 2015 Aug 15;195(4):1608-16. doi: 10.4049/jimmunol.1402562. Epub 2015 Jul 10.

Martin-Blondel G, Bauer J, Uro-Coste E, Biotti D, Averseng-Peaureaux D, Fabre N, Dumas H, Bonneville F, Lassmann H, Marchou B, Liblau RS*, Brassat D*. *Therapeutic use of CCR5 antagonists is supported by strong expression of CCR5 on CD8(+) T cells in progressive multifocal leukoencephalopathy-associated immune reconstitution inflammatory syndrome.* **Acta Neuropathol.** 2015 Mar;129(3):463-5. * These authors contributed equally

Comont T, Martin-Blondel G, Laurent C, Berry A, Marchou B. *Severe haemophagocytic lymphohistiocytosis triggered by a visceral leishmaniasis in a patient with a Rosai-Dorfman disease.* **Ann Hematol.** 2015 Apr;94(4):701-2

Rouhani SJ, Eccles JD, Riccardi P, Peske JD, Tewalt EF, Cohen JN, Liblau R, Mäkinen T, Engelhard VH. *Roles of lymphatic endothelial cells expressing peripheral tissue antigens in CD4 T-cell tolerance induction.* **Nature Communications.** 2015 Apr 10;6:6771. doi: 10.1038/ncomms7771

Cantó E, Tintoré M, Villar LM, Costa C, Nurtdinov R, Álvarez-Cermeño JC, Arrambide G, Reverter F, Deisenhammer F, Hegen H, Khademi M, Olsson T, Tumani H, Rodríguez-Martín E, Piehl F, Bartos A, Zimova D, Kotoucova J, Kuhle J, Kappos L, García-Merino JA, Sánchez AJ, Saiz A, Blanco Y, Hintzen R, Jafari N, Brassat D, Lauda F, Roesler R, Rejdak K, Papuc E, de Andrés C, Rauch S, Khalil M, Enzinger C, Galimberti D, Scarpini E, Teunissen C, Sánchez A, Rovira A, Montalban X, Comabella M. *Chitinase 3-like 1: prognostic biomarker in clinically isolated syndromes.* **Brain.** 2015 Apr;138(Pt 4):918-31.

Secher T, Payros D, Brehin C, Boury M, Watrin C, Gillet M, Bernard-Cadenat I, Menard S, Theodorou V, Saoudi A, Olier M, Oswald E. *Oral tolerance failure upon neonatal gut colonization with Escherichia coli producing the genotoxin colibactin.* **Infect Immun.** 2015 Mar 30. pii: IAI.00064-15. [Epub ahead of print]

Malhotra S, Río J, Urcelay E, Nurtudinov R, Bustamante MF, Fernández O, Oliver B, Zettl U, [Brassat D](#), Killestein J, Lechner-Scott J, Drulovic J, Chan A, Martinelli-Boneschi F, García-Merino A, Montalban X, Comabella M. *NLRP3 inflammasome is associated with the response to IFN- β in patients with multiple sclerosis*. **Brain**. 2015 Mar;138(Pt 3):644-52. doi: 10.1093/brain/awu388. Epub 2015 Jan 12.

Hinsinger G, Galéotti N, Nabholz N, Urbach S, Rigau V, Demattei C, Lehmann S, Camu W, Labauge P, Castelnovo G, [Brassat D](#), Loussouarn D, Salou M, Laplaud D, Casez O, Bockaert J, Marin P, Thouvenot E. *Chitinase 3-like proteins as diagnostic and prognostic biomarkers of multiple sclerosis*. **Mult Scler**. 2015 Feb 19. [Epub ahead of print]

Kuhle J, Disanto G, Dobson R, Adiatori R, Bianchi L, Topping J, Bestwick J, Meier UC, Marta M, Costa GD, Runia T, Evdoshenko E, Lazareva N, Thouvenot E, Iaffaldano P, Direnzo V, Khademi M, Piehl F, Comabella M, Sombekke M, Killestein J, Hegen H, Rauch S, D'Alfonso S, Alvarez-Cermeño J, Kleinová P, Horáková D, Roesler R, Lauda F, Llüfriu S, Avsar T, Uygunoglu U, Altintas A, Saip S, Menge T, Rajda C, Bergamaschi R, Moll N, Khalil M, Marignier R, Dujmovic I, Larsson H, Malmstrom C, Scarpini E, Fenoglio C, Wergeland S, Laroni A, Annibali V, Romano S, Martínez A, Carra A, Salvetti M, Uccelli A, Torkildsen Ø, Myhr K, Galimberti D, Rejdak K, Lycke J, Frederiksen J, Drulovic J, Confavreux C, [Brassat D](#), Enzinger C, Fuchs S, Bosca I, Pelletier J, Picard C, Colombo E, Franciotta D, Derfuss T, Lindberg R, Yaldizli Ö, Vécsei L, Kieseier B, Hartung H, Villoslada P, Siva A, Saiz A, Tumani H, Havrdová E, Villar L, Leone M, Barizzone N, Deisenhammer F, Teunissen C, Montalban X, Tintoré M, Olsson T, Trojano M, Lehmann S, Castelnovo G, Lapin S, Hintzen R, Kappos L, Furlan R, Martinelli V, Comi G, Ramagopalan S, Giovannoni G. *Conversion from clinically isolated syndrome to multiple sclerosis: A large multicentre study*. **Mult Scler**. 2015 Feb 13. [Epub ahead of print].

Ayrignac X, Carra-Dalliere C, Menjot de Champfleury N, Denier C, Aubourg P, Bellesme C, Castelnovo G, Pelletier J, Audoin B, Kaphan E, de Seze J, Collongues N, Blanc F, Chanson JB, Magnin E, Berger E, Vukusic S, Durand-Dubief F, Camdessanche JP, Cohen M, Lebrun-Frenay C, [Brassat D](#), [Clanet M](#), Vermersch P, Zephir H, Outteryck O, Wiertlewski S, Laplaud DA, Ouallet JC, Brochet B, Goizet C, Debouverie M, Pittion S, Edan G, Deburghgraeve V, Le Page E, Verny C, Amati-Bonneau P, Bonneau D, Hannequin D, Guyant-Maréchal L, Derache N, Defer GL, Moreau T, Giroud M, Guennoc AM, Clavelou P, Taithe F, Mathis S, Neau JP, Magy L, Devoize JL, Bataillard M, Masliah-Planchon J, Dorboz I, Tournier-Lasserre E, Levade T, Boespflug Tanguy O, Labauge P. *Adult-onset genetic leukoencephalopathies: a MRI pattern-based approach in a comprehensive study of 154 patients*. **Brain**. 2015 Feb;138(Pt 2):284-92.

[Treiner E](#). *Mucosal-associated invariant T cells in inflammatory bowel diseases: bystanders, defenders, or offenders?* **Front. Immunol.**, 02 February 2015

[Liblau RS](#), Vassalli A., Seify A., Tafti M. *Hypocretin (orexin) biology and new concepts in the pathophysiology of narcolepsy with cataplexy*. **Lancet Neurology** 2015; 14; 318-28.

Lionel Apetoh, Mark J. Smyth, Charles Drake, Jean-Pierre Abastado, Ron N. Apte, Maha Ayyoub, Jean-Yves Blay, Marc Bonneville, Lisa H. Butterfield, Anne Caignard, Chiara Castelli, Federica Cavallo, Esteban Celis, Lieping Chen, Mario Colombo, Begonya Comin-Anduix, Georges Coukos, Madhav V. Dhodapkar, Glenn Dranoff, Ian Frazer, Wolf-Hervé Fridman, Dmitry I. Gabrilovich, Eli Gilboa, Sacha Gnjatic, Dirk Jäger, Pawel Kalinski, Howard L. Kaufman, Rolf Kiessling, John Kirkwood, Alexander Knuth, [Roland Liblau](#), Michael T Lotze, Enrico Lugli, Francesco Marincola, Ignacio Melero, Cornelis J. Melief, Thorsten Mempel, Elisabeth A. Mittendorf, Kunle Odunsi, Willem Overwijk, Anna Karolina Palucka, Giorgio Parmiani, Antoni Ribas, Pedro Romero, Robert D. Schreiber, Gerold Schuler, Pramod K. Srivastava, Eric Tartour, Danila Valmori, Sjoerd Van Der Burg, Pierre Van Der Bruggen, Benoît Van Den Eynde, Ena Wang, Weiping Zou, Cassian Yee, Theresa L. Whiteside, Daniel Speiser, Drew M. Pardoll, Nicholas P. Restifo & Ana C. Anderson. *Consensus nomenclature for CD8 T cell phenotypes in cancer*. **Oncoimmunology**. 2015. DOI:10.1080/2162402X.2014.998538EndFragment

Leray E, Vukusic S, Debouverie M, [Clanet M](#), Brochet B, de Sèze J, Zéphir H, Defer G, Lebrun-Frenay C, Moreau T, Clavelou P, Pelletier J, Berger E, Cabre P, Camdessanché JP, Kalson-Ray S, Confavreux C, Edan G. *Excess Mortality in Patients with Multiple Sclerosis Starts at 20 Years from Clinical Onset: Data from a Large-Scale French Observational Study*. **PLoS One**. 2015 Jul 6;10(7):e0132033. doi: 10.1371/journal.pone.0132033. eCollection 2015.

Pique J, Bonneville F, Brassat D, Peaureaux D, Benaiteau M, Dumas H, Fabre N, Clanet M, Biotti D. *Peripheral late reactivation of a previously typical monofocal Baló's concentric sclerosis lesion*. **Mult Scler**. 2015 Jul;21(8):1080-3. doi: 10.1177/1352458515586087. Epub 2015 May 26.

Ayrignac X, Carra-Dalliere C, Menjot de Champfleure N, Denier C, Aubourg P, Bellesme C, Castelnovo G, Pelletier J, Audoin B, Kaphan E, de Seze J, Collongues N, Blanc F, Chanson JB, Magnin E, Berger E, Vukusic S, Durand-Dubief F, Camdessanche JP, Cohen M, Lebrun-Frenay C, Brassat D, Clanet M, Vermersch P, Zephir H, Outteryck O, Wiertlewski S, Laplaud DA, Ouallet JC, Brochet B, Goizet C, Debouverie M, Pittion S, Edan G, Deburghraeve V, Le Page E, Verny C, Amati-Bonneau P, Bonneau D, Hannequin D, Guyant-Maréchal L, Derache N, Defer GL, Moreau T, Giroud M, Guennoc AM, Clavelou P, Taithe F, Mathis S, Neau JP, Magy L, Devoize JL, Bataillard M, Masliah-Planchon J, Dorboz I, Tournier-Lasserre E, Levade T, Boespflug Tanguy O, Labauge P. *Adult-onset genetic leukoencephalopathies: a MRI pattern-based approach in a comprehensive study of 154 patients*. **Brain**. 2015 Feb;138(Pt 2):284-92. doi: 10.1093/brain/awu353. Epub 2014 Dec 19.

Castel-Lacanal E, Gamé X, Clanet M, Gasq D, De Boissezon X, Guillotreau J, Bourg V, Viala F, Rischmann P, Marque P. *Urinary complications and risk factors in symptomatic multiple sclerosis patients. Study of a cohort of 328 patients*. **Neurourol Urodyn**. 2015 Jan;34(1):32-6. doi: 10.1002/nau.22495. Epub 2013 Sep 23.

Waisman A*, Liblau RS*, Becher B*. *Innate and adaptive immune responses in the CNS*. **Lancet Neurology**. 2015;14(9):945-55. * The 3 authors contributed equally.

Lambert C, Sarrat A, Bienvenu F, Brabant S, Nicaise-Roland P, Alyanakian MA, Apoil PA, Capron C, Couderc R, Evrard B, Jaby D, Héumont C, Lainé C, Lelong M, Mariotte D, Martinet J, Rénier G, Sainte-Laudy J, Tabary T, Treiner E, Uring-Lambert B, Vigneron C, Vivinus M, Witthuhn F, Vitte J; AllergoBioNet sIgE accreditation interest group. *The importance of EN ISO 15189 accreditation of allergen-specific IgE determination for reliable in vitro allergy diagnosis*. **Allergy**. 2015 Feb;70(2):180-6. doi: 10.1111/all.12546. PubMed PMID: 25394543.

Yshii L, Gebauer C, Bernard-Valnet R, Liblau R. *Neurons and T cells: Understanding this interaction for inflammatory neurological diseases*. **Eur J Immunol**. 2015 Oct;45(10):2712-20. doi: 10.1002/eji.201545759. Epub 2015 Sep 23. Review.

Peaureaux D, Pignolet B, Biotti D, Bucciarelli F, Gaina J, Bucur C, Clanet M, Martin-Blondel G, Brassat D. *Fingolimod treatment after natalizumab-related progressive multifocal leukoencephalopathy: three new cases*. **Mult Scler**. 2015 Apr;21(5):671-2. doi: 10.1177/1352458514549823

Collongues N, Brassat D, Maillart E, Labauge P, Ouallet JC, Carra-Dalliere C, Moreau T, Bourre B, Papeix C, Brochet B, Audoin B, Vukusic S, de Seze J, Marignier R; OFSEP and CFSEP. *Efficacy of rituximab in refractory neuromyelitis optica*. **Mult Scler**. 2015 Sep 11. pii: 1352458515602337

Zéphir H, Bernard-Valnet R, Lebrun C, Outteryck O, Audoin B, Bourre B, Pittion S, Wiertlewski S, Ouallet JC, Neau JP, Ciron J, Clavelou P, Marignier R, Brassat D. *Rituximab as first-line therapy in neuromyelitis optica: efficiency and tolerability*. **J Neurol**. 2015 Oct;262(10):2329-35. doi: 10.1007/s00415-015-7852-y. Epub 2015 Jul 21.

Siri A, Carra-Dalliere C, Ayrignac X, Pelletier J, Audoin B, Pittion-Vouyovitch S, Debouverie M, Lionnet C, Viala F, Sablot D, Brassat D, Ouallet JC, Ruet A, Brochet B, Taillandier L, Bauchet L, Derache N, Defer G, Cabre P, de Seze J, Lebrun Frenay C, Cohen M, Labauge P. *Isolated tumefactive demyelinating lesions: diagnosis and long-term evolution of 16 patients in a multicentric study*. **J Neurol**. 2015 Jul;262(7):1637-45. doi: 10.1007/s00415-015-7758-8. Epub 2015 May 1.

Esposito F, Sorosina M, Ottoboni L, Lim ET, Replogle JM, Raj T, Brambilla P, Liberatore G, Guaschino C, Romeo M, Pertel T, Stankiewicz JM, Martinelli V, Rodegher M, Weiner HL, Brassat D, Benoist C, Patsopoulos NA, Comi G, Elyaman W, Martinelli Boneschi F, De Jager PL. *A pharmacogenetic study implicates SLC9a9 in multiple sclerosis disease activity*. **Ann Neurol**. 2015 Jul;78(1):115-27. doi: 10.1002/ana.24429. Epub 2015 May 14.

Martin-Blondel G, Pignolet B, Liblau RS. *Migration and pathogenicity of CD8 T cells in central nervous system diseases.* **Médecine et Sciences**, 09/2015; 31(8-9):748-755.

R. Liblau and A. Saoudi. *Immunotherapy of AD: Alum Demain ? Edotorial.* **The journal of Prevention of Alzheimer's Disease**. 2015. (In press)

Eqp 6 (J Izopet) : Infections virales : persistance, réponse de l'hôte et physiopathologie

Dalton HR, Kamar N, van Eijk JJ, Mclean BN, Cintas P, Bendall RP, Jacobs BC. *Hepatitis E virus and neurological injury.* **Nat Rev Neurol**. 2015 Dec 29. doi: 10.1038/nrneurol.2015.234. [Epub ahead of print] Review.

Lhomme S, Kamar N, Nicot F, Ducos J, Bismuth M, Garrigue V, Petitjean-Lecherbonnier J, Ollivier I, Alessandri-Gradt E, Gorla O, Barth H, Perrin P, Saune K, Dubois M, Carcenac R, Lefebvre C, Jeanne N, Abravanel F, Izopet J. *Mutation in the hepatitis E virus polymerase and outcome of ribavirin therapy.* **Antimicrob Agents Chemother**. 2015 Dec 28. pii: AAC.02496-15. [Epub ahead of print]

Del Bello A, Marion O, Milongo D, Rostaing L, Kamar N. *Belatacept prophylaxis against organ rejection in adult kidney-transplant recipients.* **Expert Rev Clin Pharmacol**. 2015 Dec 22:1-13. [Epub ahead of print]

Guinault D, Ribes D, Delas A, Milongo D, Abravanel F, Puissant-Lubrano B, Izopet J, Kamar N. *Hepatitis E Virus-Induced Cryoglobulinemic Glomerulonephritis in a Nonimmunocompromised Person.* **Am J Kidney Dis**. 2015 Dec 9. pii: S0272-6386(15)01343-8. doi: 10.1053/j.ajkd.2015.10.022. [Epub ahead of print]

Zhou X, Xu L, Wang W, Watashi K, Wang Y, Sprengers D, de Ruiter PE, van der Laan LJ, Metselaar HJ, Kamar N, Peppelenbosch MP, Pan Q. *Disparity of basal and therapeutically activated interferon signalling in constraining hepatitis E virus infection.* **J Viral Hepat**. 2015 Dec 1. doi: 10.1111/jvh.12491. [Epub ahead of print]

Siewiera J, Gouilly J, Hocine HR, Cartron G, Levy C, Al-Daccak R, Jabrane-Ferrat N. Natural cytotoxicity receptor splice variants orchestrate the distinct functions of human natural killer cell subtypes. **Nat Commun**. 2015 Dec 15;6:10183. doi: 10.1038/ncomms10183.

Esposito L, Rostaing L, Kamar N. *Successful pregnancy after ABO-incompatible kidney transplantation.* **Transpl Int**. 2015 Nov 28. doi: 10.1111/tri.12724. [Epub ahead of print]

Kamar N, Marion O, Rostaing L, Cointault O, Ribes D, Lavayssière L, Esposito L, Del Bello A, Métivier S, Barange K, Izopet J, Alric L. *Efficacy and Safety of Sofosbuvir-Based Antiviral Therapy to Treat Hepatitis C Virus Infection After Kidney Transplantation.* **Am J Transplant**. 2015 Nov 20. doi: 10.1111/ajt.13518. [Epub ahead of print]

Belliere J, Kamar N, Mengelle C, Allal A, Sallusto F, Doumerc N, Game X, Congy-Jolivet N, Esposito L, Debiol B, Rostaing L. *Pilot conversion trial from mycophenolic acid to everolimus in ABO-incompatible kidney-transplant recipients with BK viremia and/or viremia.* **Transpl Int**. 2015 Nov 17. doi: 10.1111/tri.12718. [Epub ahead of print]

Villeneuve C, Laroche ML, Essig M, Merville P, Kamar N, Coubret A, Lacroix I, Bouchet S, Fruit D, Marquet P, Rousseau A; EPIGREN study group. *Evolution and Determinants of Health-Related Quality-of-Life in Kidney Transplant Patients Over the First 3 Years After Transplantation.* **Transplantation**. 2015 Nov 13. [Epub ahead of print]

Smith DB, Ijaz S, Tedder RS, Hogema B, Zaaijer HL, [Izopet J](#), Bradley-Stewart A, Gunson R, Harvala H, Kokki I, Simmonds P. Variability and pathogenicity of hepatitis E virus genotype 3 variants. **J Gen Virol**. 2015 Nov;96(11):3255-64. doi: 10.1099/jgv.0.000264. Epub 2015 Aug 14.

Mehawej M, [Rostaing L](#), Alric L, Del Bello A, [Izopet J](#), [Kamar N](#). *Boceprevir-Based Triple Antiviral Therapy for Chronic Hepatitis C Virus Infection in Kidney-Transplant Candidates*. **J Transplant**. 2015;2015:159795. doi: 10.1155/2015/159795. Epub 2015 Jul 16.

Faguer S, Esposito L, Casemayou A, Pirson Y, Decramer S, Cartery C, Hazzan M, Garrigue V, Roussey G, Cointault O, Ho T, Merville P, Devuyt O, Gourdy P, Chassaing N, Bascands JL, [Kamar N](#), Schanstra JP, [Rostaing L](#), Chauveau D. *Calcineurin Inhibitors Downregulate HNF-1 β and May Affect the Outcome of HNF1B Patients After Renal Transplantation*. **Transplantation**. 2015 Nov 9. [Epub ahead of print]

Jeanne N, [Saliou A](#), Carcenac R, Lefebvre C, [Dubois M](#), [Cazabat M](#), Nicot F, [Loiseau C](#), [Raymond S](#), [Izopet J](#), [Delobel P](#). *Position-specific automated processing of V3 env ultra-deep pyrosequencing data for predicting HIV-1 tropism*. **Sci Rep**. 2015 Nov 20;5:16944. doi: 10.1038/srep16944.

Guinault D, Ribes D, Delas A, Milongo D, [Abravanel F](#), Puissant-Lubrano B, [Izopet J](#), [Kamar N](#). *Hepatitis E Virus-Induced Cryoglobulinemic Glomerulonephritis in a Nonimmunocompromised Person*. **Am J Kidney Dis**. 2015 Dec 9. pii: S0272-6386(15)01343-8. doi: 10.1053/j.ajkd.2015.10.022. [Epub ahead of print]

Gagneux-Brunon A, Nasri D, Terrasse R, [Sauné K](#), Gagnieu MC, Frésard A, Delezay O, [Izopet J](#), Pozzetto B, Lucht F, Bourlet T. *Persistent but not replicating HIV-1 cell-associated DNA in semen of long-term ART experienced men*. **Curr HIV Res**. 2015 Nov 17. [Epub ahead of print]

Perrin HB, Cintas P, [Abravanel F](#), Gérolami R, d'Alteroche L, Raynal JN, Alric L, Dupuis E, Prudhomme L, Vaucher E, Couzigou P, Liversain JM, Bureau C, Vinel JP, [Kamar N](#), [Izopet J](#), Peron JM. *Neurologic Disorders in Immunocompetent Patients with Autochthonous Acute Hepatitis E*. **Emerg Infect Dis**. 2015 Nov;21(11):1928-34. doi: 10.3201/eid2111.141789.

[Izopet J](#), Labrique AB, Basnyat B, Dalton HR, Kmush B, Heaney CD, Nelson KE, Ahmed ZB, Zaman K, Mansuy JM, Bendall R, [Sauné K](#), [Kamar N](#), Arjyal A, Karkey A, Dongol S, Prajapati KG, Adhikary D. *Hepatitis E virus seroprevalence in three hyperendemic areas: Nepal, Bangladesh and southwest France*. **J Clin Virol**. 2015 Sep;70:39-42. doi: 10.1016/j.jcv.2015.06.103. Epub 2015 Jun 29.

[Lhomme S](#), [Abravanel F](#), [Dubois M](#), [Chapuy-Regaud S](#), [Sandres-Saune K](#), [Mansuy JM](#), [Rostaing L](#), [Kamar N](#), [Izopet J](#). *Temporal evolution of the distribution of hepatitis E virus genotypes in Southwestern France*. **Infect Genet Evol**. 2015 Oct;35:50-5. doi: 10.1016/j.meegid.2015.07.028. Epub 2015 Jul 26.

[F. Abravanel](#), [S. Lhomme](#), [L. Rostaing](#), [N. Kamar](#), [J. Izopet](#). *Protracted faecal shedding of HEV during ribavirin therapy predicts treatment relapse*. **Clinical Infectious Diseases** 2015;60:96-99.

[Abravanel F](#), [Lhomme S](#), [Chapuy-Regaud S](#), [Peron JM](#), [Alric L](#), [Rostaing L](#), [Kamar N](#), [Izopet J](#). *Performance of a new rapid test for detecting anti-hepatitis E virus immunoglobulin M in immunocompetent and immunocompromised patients*. **J Clin Virol**. 2015 Sep;70:101-4. doi: 10.1016/j.jcv.2015.07.302. Epub 2015 Jul 26.

Ainaoui N, Hantelys F, Renaud-Gabardos E, Bunel M, Lopez F, Pujol F, [Planes R](#), [Bahraoui E](#), Pichereaux C, Burlet-Schiltz O, Parini A, Garmy-Susini B, Prats AC. *Promoter-Dependent Translation Controlled by p54nrb and hnRNPM during Myoblast Differentiation*. **PLoS One**. 2015 Sep 2;10(9):e0136466. doi: 10.1371/journal.pone.0136466. eCollection 2015.

F. Nicot, K. Sauné, S. Raymond, N. Jeanne, R. Carcenac, C. Lefèbvre, L. Cuzin, B. Marchou, P. Delobel, J. Izopet. *Minority resistant HIV-1 variants and the response to first-line NNRTI therapy.* **Journal of Clinical Virology**. 2015;62:20-24.

A. Del Bello, C. Guilbeau-Frugier, AG. Josse, L. Rostaing, J. Izopet, N. Kamar. *Successful treatment of hepatitis E virus-associated cryoglobulinemic membranoproliferative glomerulonephritis with ribavirin.* **Transplant Infectious Diseases**. 2015; 17: 279-283.

C. Mengelle, L. Rostaing, H. Weclawiak, C. Rossignol, N. Kamar, J. Izopet. *Prophylaxis versus pre-emptive treatment to prevent cytomegalovirus infection in CMV-seropositive orthotopic liver-transplant recipients.* **Journal of Medical Virology**. 2015; 87: 836-844.

IP. Deuzing, C. Charpentier, DW. Wright, S. Matheron, J. Paton, D. Frenzt , DA. van de Vijver, PV. Conveney, D. Descamps; ANRS CO5 HIV-2 Cohort, CA. Boucher, N. Beerens. *Mutation V111I in HIV-2 reverse transcriptase increases the fitness of the nucleoside analogue-resistant K65R and Q151M viruses.* **Journal of Virology** 2015; 89: 833-843.

N. Kamar, F. Abravanel, S. Lhomme, L. Rostaing, J. Izopet. *Hepatitis E virus: chronic infection, extra-hepatic manifestations, and treatment.* **Clinics and Research in Hepatology and Gastroenterology** 2015; 39:20-27.

C. Delabaudière, L. Lavayssière, G. Door, F. Muscari, M. Danjoux, F. Sallusto, JM. Peron, C. Bureau, L. Rostaing, J. Izopet, N. Kamar. *Successful treatment of fibrosing cholestatic hepatitis with pegylated interferon, ribavirin and sofosbuvir after a combined kidney-liver transplantation.* **Transplant International** 2015 ; 28 :255-259-8.

J. Leibowitch, D. Mathez, P. De Truchis, D. Ledu, JC. Melchior, G. Carcelain, J. Izopet, C. Perronne, JR. David. *Four days a week or less on appropriate anti-HIV combinations provided long term optimal maintenance in 94 patients. The ICCARRE project.* **The FASEB J**. 2015 Jun;29(6):2223-34. doi: 10.1096/fj.14-260315. Epub 2015 Apr 1.

S. Raymond, A. Maillard, C. Amiel, G. Peytavin, MA. Travaud, D. Desbois, P. Bellecave, C. Delaugerre, C. Soulié, AG. Marcelin, D. Descamps, J. Izopet; on behalf the ANRS AC11 Resistance Study Group. *Virologic failure of patients on maraviroc-based antiretroviral therapy.* **Journal of Antimicrobial Chemotherapy** 2015;70:1858-1864.

N. Kamar, J. Izopet, HR. Dalton. *Chronic Hepatitis E virus infection and treatment.* **Journal of Clinical and Experimental Hepatology** (in press).

EP. St. John, BB. Simen, GS. Trenchalk, MS. Braverman, I. Abbate, J. Aerssens, O. Bouchez, C. Gabriel, J. Izopet, K. Meixenberger, KJ. Metzner, F. Di Giallonardo, M. Künzli-Gontarczyk, R. Paredes, J. Sakwa, GG. Schmitz-Agheguian, A. Thielen, M. Victor, MP. Däumer, on behalf of the 454 HIV-1 Alpha Study Group. *An international multicenter study on HIV-1 drug resistance testing by 454 ultra-deep pyrosequencing.* **Journal of Virological Methods** (in press).

JM. Mansuy, K. Sauné, H. Rech, F. Abravanel, C. Mengelle, S. Lhomme, F. Destruel, N. Kamar, J. Izopet. *Seroprevalence in blood donors reveals widespread, multi-source exposure to hepatitis E virus in southern France.* **Eurosurveillance** 2015;20:27-34.

H. Bauer, C. Luxembourger, JE. Gottenberg, S. Fournier, F. Abravanel, A. Cantagrel, E. Chatelus, P. Claudepierre, C. Hudry, J. Izopet, S. Fabre, G. Lefèvre, L. Marguerite, A. Martin, L. Messer, A. Molto, B. Pallot-Prades, YM. Pers, AM. Roque-Afonso, C. Roux, C. Sordet, M. Soubrier, C. Veissier, D. Wendling, JM. Péron, J. Sibilila, on behalf on the Club Rhumatismes et Inflammation, a section of the French Society of Rheumatology. *Outcome of hepatitis E virus infection in patients with inflammatory*

arthritis treated with immunosuppressants: a French retrospective multicenter study. **Medicine** 2015 Apr;94(14):e675. doi: 10.1097/MD.0000000000000675.

S. Lhomme, S. Top, S. Bertagnoli, M. Dubois, JL. Guérin, J. Izopet. *Wildlife: a Hepatitis E virus reservoir in south-west France*. **Emerging Infectious Diseases** 2015 Jul;21(7):1224-6. doi: 10.3201/eid2107.141909.

H. Blasco Perrin, P. Cintas, F. Abravanel, R. Gérolami, L. d'Alteroche, JN. Raynal, L. Alric, E. Dupuis, L. Prudhomme, E. Vaucher, P. Couzigou, JM. Liversain, L. Buscail, C. Bureau, JP. Vinel, N. Kamar, J. Izopet, JM. Péron. *Neurological disorders in non-immunocompromised patients with autochthonous acute hepatitis E*. **Emerging Infectious Diseases** 2015;21:1928-1934.

V. Bourret, G. Croville, JM. Mansuy, C. Mengelle, J. Mariette, C. Klopp, C. Genthon, J. Izopet, JL. Guérin. *Intra-host viral variability in children clinically infected with H1N1 (2009) pandemic influenza assessed through next generation sequencing*. **Infection, Genetics and Evolution** 2015;33:47-54.

N. Kamar, S. Lhomme, F. Legrand-Abravanel, O. Cointault, L. Esposito, I. Cardeau-Desangles, A. Del Bello, G. Dörr, L. Lavayssière, MB. Nogier, J. Guitard, D. Ribes, AL. Goin, P. Broué, D. Metsu, K. Sauné, L. Rostaing, J. Izopet. *An early viral response predicts the virological response to ribavirin in hepatitis E virus organ-transplant patients*. **Transplantation** 2015;99:2124-2131.

N. Ben Haij, R. Planès, K. Leghmari, P. Delobel, J. Izopet, L. BenMohamed, E. Bahraoui. *HIV-1 tat protein induces production of proinflammatory cytokines by human dendritic cells and monocytes/macrophages through engagement of TLR4-MD2-CD14 complex and activation of NF- κ B pathway*. **Plos One** 2015 Jun 19;10(6):e0129425. doi: 10.1371/journal.pone.0129425. eCollection 2015.

B. Basnyat, HR. Dalton, N. Kamar, DB. Rein, A. Labrique, J. Farrar, P. Piot on behalf of 21 signatories. *Nepal earthquake and the risk of an epidemic of hepatitis E*: **The Lancet** 2015; S0140-6736(15)61110-2.

H. Le Guillou-Guillemette, A. Ducancelle, S. Bertrais, C. Lemaire, A. Pivert, P. Veillon, E. Bouthry, S. Alain, V. Thibault, F. Abravanel, AR. Rosenberg, C. Henquell, E. André-Garnier, O. Petsaris, S. Vallet, JB. Bour, Y. Baazia, P. Trimoulet, P. André, C. Gaudy-Graffin, D. Bettinger, S. Larrat, A. Signori-Schmuck, H. Saoudin, B. Pozzetto, G. Lagathu, S. Minjolle-Cha, F. Stoll-Keller, JM. Pawlotsky, J. Izopet, C. Payan, F. Lunel-Fabiani. *Identification of a duplicated V3 domain in NS5A associated with cirrhosis and hepatocellular carcinoma in HCV-1b patients*. **Journal of Clinical Virology** 2015;69:203-209.

H. Blasco-Perrin, RG. Madden, A. Stanley, C. Crossan, JG. Hunter, L. Vine, K. Lane, N. Devooght-Johnson, C. McLaughlin, J. Petrik, B. Stableforth, H. Hussaini, M. Philips, JM. Mansuy, E. Forrest, J. Izopet, O. Blatchford, L. Scobie, JM. Peron, HR. Dalton. *Hepatitis E virus in patients with decompensated chronic liver disease: a prospective UK/French study*. **Alimentary Pharmacology & Therapeutics** 2015;42:574-581.

B. Puissant-Lubrano, PA. Apoil, A. Gleizes, L. Forestier, R. Julien, P. Winterton, C. Pasquier, J. Izopet, A. Blancher. *Modulation of gene expression in CD4+ T lymphocytes following in vitro HIV infection: a comparison between human and chimpanzee*. **Virusdisease** 2015;26:62-69.

S. Tavitian, JM. Peron, F. Huguet, N. Kamar, F. Abravanel, O. Beyne-Rauzy, L. Oberic, S. Faguer, L. Alric, M. Roussel, C. Gaudin, L. Ysebaert, A. Huynh, C. Recher. *Ribavirin for chronic hepatitis prevention among patients with hematologic malignancies*. **Emerging Infectious Diseases** 2015;21:1466-1469.

S. Larrat, S. Vallet, S. David-Tchouda, A. Caporossi, J. Margier, C. Ramière, C. Scholtes, S. Boukobza, AM. Roque-Afonso, B. Besse, E. André-Garnier, S. Mohamed, P. Halfon, A. Pivert, H. Le Guillou-Guillemette, F. Abravanel, M. Guivarch, V. Mackiewicz, O. Lada, T. Mourez, JC. Plantier, Y.

Baazia, S. Alain, S. Hantz, V. Thibault, C. Gaudy-Graffin, D. Bouvet, A. Mirand, C. Henquell, J. Gozlan, G. Lagathu, C. Pronier, A. Velay, E. Schvoerer, P. Trimoulet, H. Fleury, M. Bouvier-Alias, E. Brochot, G. Duverlie, S. Maylin, S. Gouriou, JM. Pawlotsky, P. Morand. *Naturally occurring resistance-associated variants to hepatitis C virus protease inhibitors in poor responders to pegylated interferon-ribavirin*. **Journal of Clinical Microbiology** 2015;53:2195-2202.

D. Sibon, O. Cassar, I. Duga, C. Brouzes, D. Ghez, C. Pasquier, C. Sibon, A. Desrames, F. Mortreux, E. Wattel, A. Bazarbachi, A. Gessain, O. Hermine. *Adult T-cell leukemia/lymphoma in a caucasian patient after sexual transmission of human T-cell lymphotropic virus type 1*. **Open Forum Infectious Diseases** 2015.

M. Barigou, L. Cavalie, B. Daviller, D. Dubois, B. Manton, P. Delobel, A. Debard, MF. Prere, B. Marchou, G. Martin-Blondel. *Isolation of chocolate agar culture of Legionella pneumophila isolates from subcutaneous abscesses in an immunocompromised patient*. **Journal of Clinical Microbiology** 2015;53:3683-385.

V. Leroy, J. Dumortier, A. Coilly, M. Sebagh, C. Fougerou-Leurent, S. Radenne, D. Botta, F. Durand, C. Silvain, P. Lebray, P. Housel-Debry, N. Kamar, L. D'Alteroche, V. Petrov-Sanchez, A. Diallo, GP. Pageaux, JC. Duclos-Vallee; Agence Nationale de Recherches sur le SIDA et les Hépatites Virales CO23 Compassionate Use of Protease Inhibitors in Viral C in Liver Transplantation Study Group. *Efficacy of sofosbuvir and daclatasvir in patients with fibrosing cholestatic hepatitis C after liver transplantation*. **Clinical Gastroenterology and Hepatology** 2015;13:1993-2001.

D. Milongo, G. Vieu, S. Blavy, A. Del Bello, F. Sallusto, L. Rostaing, N. Kamar, N. Congy-Jolivet. *Interference of therapeutic antibodies used in desensitization protocols on lymphocytotoxicity crossmatch results*. *Transplant Immunology* 2015;32:151-155.

L. Rostaing, N. Congy, A. Aamink, S. Maggioni, A. Allal, F. Sallusto, X. Game, N. Kamar. *Efficacy of immunoabsorption to reduce donor-specific alloantibodies in kidney-transplant candidates*. **Experimental and Clinical Transplantation** 2015;Suppl 1:201-2016.

L. Rostaing, S. Maggioni, C. Hecht, M. Hermelin, E. Faudel, N. Kamar, F. Sallusto, N. Doumerc, A. Allal. *Efficacy and safety of tandem hemodialysis and immunoabsorption, to desensitize kidney transplant candidates*. **Experimental and Clinical Transplantation** 2015;Suppl 1:165-169.

A. Del Bello, N. Congy-Jolivet, N. Kamar. *Maintaining immunosuppressive treatment after early allograft nephrectomy does not reduce the risk of anti-HLA allosensitization*. **Transplant International** 2015;28:1113-1115.

J. Grellier, A. Bel Bello, D. Milongo, C. Guilbeau-Frugier, L. Rostaing, N. Kamar. *Belcept in recurrent focal segmental glomerulosclerosis after kidney transplantation*. **Transplant International** 2015;28:1109-1110.

H. Hebibi, H. Weclawiak, L. Rostaing, S. Beaudreuil, A. Allal, H. François, A. Durrbach, N. Kamar. *Non-tolerability of double-filtration plasmapheresis in antibody-incompatible kidney transplant candidates*. **Saudi Journal of Kidney Diseases and Transplantation** 2015;26:297-301.

N. Kamar, A. Del Bello, J. Belliere, L. Rostaing. *Calcineurin inhibitor-sparing regimens based on mycophenolic acid after kidney transplantation*. **Transplant International** 2015;28:928-937.

D. Milongo, JL. Bascands, A. Huart, L. Esposito, B. Breuil, P. Moulos, J. Siwy, A. Ramirez-Torres, D. Ribes, L. Lavayssière, A. Del Bello, F. Muscari, L. Alric, C. Bureau, L. Rostaing, JP. Schanstra, N. Kamar. *Pretransplant urinary proteome analysis does not predict development of chronic kidney disease after liver transplantation*. **Liver International** 2015;35:1893-1901.

X. Iriart, T. Challan Belval, J. Fillaux, L. Esposito, RA. Lavergne, I. Cardeau-Desangles, O. Roques, A. Del Bello, O. Cointault, L. Lavayssière, P. Chauvin, S. Menard, JF. Magnaval, S. Cassaing, L. Rostaing, N. Kamar, A. Berry. *Risk factors of Pneumocystis pneumonia in solid organ recipients in the era of the common use of posttransplantation prophylaxis*. **American Journal of Transplantation** 2015;15:190-199.

A. Debout, Y. Foucher, K. Trébem-Launay, C. Legendre, H. Kreis, G. Mourad, V. Garrigue, E. Morelon, F. Buron, L. Rostaing, N. Kamar, M. Kessler, M. Ladrière, A. Poignas, A. Blidi, JP. Soullou, M. Giral, E. Dantan. *Each additional hour of cold ischemia time significantly increases the risk of graft failure and mortality following renal transplantation*. **Kidney International** 2015;87:343-349.

N. Mountaj, R. El Yagoubi, M. Himmi, F. Lakhdar Ghazal, M. Besson, S. Boudelaa. *Vowelling and semantic priming effects in Arabic*. **International Journal of Psychophysiology** 2015;95:46-55.

P. Malvezzi, T. Jouve, L. Rostaing. *Induction by anti-thymocyte globulins in kidney transplantation: a review of the literature and current usage*. **Journal of Nephropathology** 2015;4:110-115.

P. Malvezzi, L. Rostaing. *The safety of calcineurin inhibitors for kidney-transplant patients*. **Expert Opinion on Drug Safety** 2015;14:1531-1546.

P. Dzekova-Vidimliski, IG. Nikolov, N. Matevska-Geshkovska, S. Mena, L. Rostaing, A. Dimovski, A. Sikole. *Single nucleotide polymorphisms near IL28B gene and response to treatment of chronic hepatitis C in hemodialysis patients*. **Renal failure** 2015;37:1180-1184.

P. Trunecka, J. Klempnauer, WO. Bechstein, J. Pirenne, S. Friman, A. Zhao, H. Isoniemi, L. Rostaing, U. Settmacher, C. Mönch, M. Brown, N. Undre, G. Tisone, DIAMOND Study group. **American Journal of Transplantation** 2015;15:1843-1854.

H. Quillay, H. El Costa, R. Marlin, M. Duriez, C. Cannou, F. Chrétien, H. Fernandez, A. Lebreton, J. Ighil, O. Schwartz, F. Barré-Sinoussi, MT. Nugeyre, E. Menu. *Distinct characteristics of endometrial and decidual macrophages and regulation of their permissivity to HIV-1 infection by SAMHD1*. **Journal of Virology** 2015;89:1329-1339.

O. Aubert, N. Kamar, D. Vernerey, D. Viglietti, F. Martinez, JP. Duong-Van-Huyen, D. Eladari, JP. Empana, M. Rabant, J. Verine, L. Rostaing, N. Congy, C. Guilbeau-Frugier, G. Mourad, V. Garrigue, E. Morelon, M. Giral, M. Kessler, M. Ladrière, M. Delahousse, D. Glotz, C. Legendre, X. Jouven, C. Lefaucheur, A. Loupy. *Long term outcomes of transplantation using kidneys from expanded criteria donors: prospective, population based cohort study*. **British Medical Journal** 2015;351:h3557.

F. Vincenti, L. Rostaing, J. Grinyo, K. Rice, S. Steinberg, L. Gaité, MC. Moal, GA. Mondragon-Ramirez, J. Kothari, MS. Polinsky, HU. Meier-Kriesche, S. Munier, CP. Larsen. *Belacept and long-term outcomes in kidney transplantation*. **New England Journal of Medicine** 2016;374:333-343.

Eqp 7 (D Dunia / C Casper) : Pathogénèse des infections virales du système nerveux central adulte et en développement

Ferré CA, Davezac N, Thouard A, Peyrin JM, Belenguer P, Miquel MC, Gonzalez-Dunia D, Szelechowski M. *Manipulation of the N-terminal sequence of the Borna disease virus X protein improves its mitochondrial targeting and neuroprotective potential*. **FASEB J**. Dec 23. pii: fj.15-279620, 2015.

Bonnaud EM, Szelechowski M, Bétourné A, Foret C, Thouard A, Gonzalez-Dunia D, Malnou CE. *Borna disease virus phosphoprotein modulates epigenetic signaling in neurons to control viral replication.* **Journal of Virology** vol 89(11):5996-6008. doi: 10.1128/JVI.00454-15. 2015.

Scordel C, Huttin A, Cochet-Bernoin M, Szelechowski M, Poulet A, Richardson J, Benchoua A, Gonzalez-Dunia D, Eloit M, Couplier M. *Borna disease virus phosphoprotein impairs the developmental program controlling neurogenesis and reduces human GABAergic neurogenesis.* **PLoS Pathogens**, 11(4):e1004859. doi: 10.1371/journal.ppat.1004859, 2015.

Li XJ, Liu XJ, Yang B, Fu YR, Zhao F, Shen ZZ, Miao LF, Rayner S, Chavanas S, Zhu H, Britt WJ, Tang Q, McVoy MA, Luo MH. *Human cytomegalovirus infection dysregulates the localization and stability of NICD1 and JAG1 in neural progenitor cells* **Journal of Virology**, Jul;89(13):6792-804. doi: 10.1128/JVI.00351-15, 2015.

Fu YR, Liu XJ, Li XJ, Shen ZZ, Yang B, Wu CC, Li JF, Miao LF, Ye HQ, Qiao GH, Rayner S, Chavanas S, Davrinche C, Britt WJ, Tang Q, McVoy M, Mocarski E, Luo MH. *MicroRNA miR-21 attenuates human cytomegalovirus replication in neural cells by targeting Cdc25a.* **Journal of Virology**, Jan 15;89(2):1070-82. doi: 10.1128/JVI.01740-14, 2015.

Leghmari K, Cenac N, Rolland M, Martin H, Rauwel B, Bertrand-Michel J, Le Faouder P, Bénard M, Casper C, Davrinche C, Fournier T, Chavanas S. *Cytomegalovirus Infection Triggers the Secretion of the PPAR γ Agonists 15-Hydroxyeicosatetraenoic Acid (15-HETE) and 13-Hydroxyoctadecadienoic Acid (13-HODE) in Human Cytotrophoblasts and Placental Cultures.* **PLoS One** Jul 14;10(7):e0132627. doi: 10.1371/journal.pone.0132627, 2015.

Eqp 8 (N Blanchard) : Parasites eucaryotes intracellulaires : immunité et chimiorésistance

Lopez J, Bittame A, Massera C, Vasseur V, Effantin G, Valat A, Buailon C, Allart S, Fox BA, Rommereim LM, Bzik DJ, Schoehn G, Weissenhorn W, Dubremetz JF, Gagnon J, Mercier C, Cesbron-Delauw MF, Blanchard N. *Intravacuolar Membranes Regulate CD8 T Cell Recognition of Membrane-Bound Toxoplasma gondii Protective Antigen.* **Cell Rep.** 2015 Dec 15;13(10):2273-86. doi: 10.1016/j.celrep.2015.11.001. Epub 2015 Nov 25.

Wurm R, Just S, Wang X, Wex K, Schmid U, Blanchard N, Waisman A, Schild HJ, Naumann M, Schlüter D, Nishanth G. *Protective dendritic cell responses against listeriosis induced by the short form of the deubiquitinating enzyme CYLD are inhibited by full-length CYLD* **Eur J Immunol.** 2015 Feb 12. doi: 10.1002/eji.201445116.

Blanchard N, Dunay IR, Schlüter D, *Persistence of Toxoplasma gondii in the central nervous system: a fine tuned balance between the parasite, the brain and the immune system (Review).* **Parasite Immunol.** 2015 Mar;37(3):150-8. doi: 10.1111/pim.12173. [Review]

Joulia R, Gaudenzio N, Rodrigues M, Lopez J, Blanchard N, Valitutti S, Espinosa E. *Mast cells form antibody-dependent degranulatory synapse for dedicated secretion and defence.* **Nat Commun.** 2015 Jan 28;6:6174. doi: 10.1038/ncomms7174.

Patard PM, Debuissou C, Mouttalib S, Berry A, Garnier A, Galinier P, Abbo O. *Urinary schistosomiasis contracted in a child in Corsica.* **Arch Pediatr.** 2015 Mar;22(3):327-8. doi: 10.1016/j.arcped.2014.11.023. Epub 2015 Jan 20. French.

Leclaire S, Menard S, Berry A. *Molecular characterization of Babesia and Cytauxzoon species in wild South-African meerkats.* **Parasitology.** 2015.Apr;142(4):543-8. doi: 10.1017/S0031182014001504.Epub 2014 Nov 6.

Vanhecke C, Nguimfack RN, Berry A, Marchou B. *Descriptive analysis of Plasmodium falciparum malaria in an expatriate community in Yaounde-Cameroon.* **Bull Soc Pathol Exot.** 2014 Dec;107(5):332-6. doi: 10.1007/s13149-014-0387-4. Epub 2014 Aug 26. French.

Martin-Blondel G, Iriart X, El Baidouri F, Simon S, Mills D, Demar M, Pistone T, Le Taillandier T, Malvy D, Couppie D, Munckhof W, Marchou B, Ravel C and Berry A. *An outbreak of Leishmania braziliensis cutaneous leishmaniasis in Saül, French Guiana.* **Emerging Infectious Diseases**, Dis. 2015 May;21(5):892-4. doi: 10.3201/eid2105.141181. No abstract available.

M. Picard, S. Cassaing, P. Letocart, X. Verdeil, C. Protin, P. Chauvin, X. Iriart, L. Cavalié, A. Valentin, B. Marchou, J. Ruiz, B. Riu-Poulenc, F. Huguet, C. Récher. *Concomitant cases of disseminated Geotrichum clavatum infections in patients with acute myeloid leukemia* **Leuk Lymphoma**. 2014; 55(5):1186-8.

S. Mazières, F. Petit, JM. Dugoujon, X. Iriart, A. Berry, B. Carme, M. Nacher, P. Bailly, J. Chiaroni. *Subtle adjustments of the glucose-6-phosphate dehydrogenase (G6PD) mutation database and reference sequence.* **Blood Cells Mol Dis**. 2014; 52(1):55-6.

Ménard S, Ben Haddou T, Ramadani AP, Ariey F, Iriart X, Beghain J, Bouchier C, Witkowski B, Berry A, Mercereau-Puijalon O, Benoit-Vical F. *Induction of Multidrug Tolerance in Plasmodium falciparum by Extended Artemisinin Pressure.* **Emerg Infect Dis**. 2015 Oct;21(10):1733-41. doi: 10.3201/eid2110.150682.

Chauvin P, Menard S, Iriart X, Nsango SE, Tchioffo MT, Abate L, Awono-Ambéné PH, Morlais I, Berry A. *Prevalence of Plasmodium falciparum parasites resistant to sulfadoxine/pyrimethamine in pregnant women in Yaoundé, Cameroon: emergence of highly resistant pfdhfr/pfdhps alleles.* **J Antimicrob Chemother**. 2015 Sep;70(9):2566-71. doi: 10.1093/jac/dkv160. Epub 2015 Jun 16.

A. Berry, H. Moné, X. Iriart, G. Mouahid, O. Abbo, J. Boissier, J. Fillaux, S. Cassaing, C. Debuissou, A. Valentin, G. Mitta, A. Théron, and J.F. Magnaval. *Schistosomiasis Haematobium, Corsica, France.* **Emerg Infect Dis**. 2014; **20(9)**:1595-7.

X Iriart, D Blanchet, S Menard, RA Lavergne, P Chauvin, A Adenis, S Cassaing, J Fillaux, JF Magnaval, M Demar, B Carme, MH Bessieres, P Couppie, M Nacher, A Berry, C Aznar. *A complementary tool for management of disseminated Histoplasma capsulatum var. capsulatum infections in AIDS patients.* **Int J Med Microbiol**. 2014; **304(8)**:1062-5.

X Iriart, T Challan Belval, J Fillaux, L Esposito, RA Lavergne, I Cardeau-Desangles, O Roques, A Del Bello, O Cointault, L Lavayssière, P Chauvin, S Menard, JF Magnaval, S Cassaing, L Rostaing, N Kamar, A Berry. *Risk factors of Pneumocystis pneumonia in solid organ recipients in the era of the common use of posttransplantation prophylaxis.* **Am J Transplant**. 2015; 15(1):190-9.

Eqp 9 (JP Salles) : Mécanismes moléculaires de la croissance, de l'ostéogenèse et de l'ostéolyse ; biothérapies

Hayder M, Varilh M, Turrin CO, Saoudi A, Caminade AM, Poupot R, Liblau RS. *Phosphorus-Based Dendrimer ABP Treats Neuroinflammation by Promoting IL-10-Producing CD4(+) T_H Cells.* **Biomacromolecules**. 2015 Nov 9;16(11):3425-33. doi: 10.1021/acs.biomac.5b00643. Epub 2015 Oct 7.

Sales de Gauzy J, Gennero I, Delrous O, Salles JP, Lepage B, Accadbled F. *Fasting total ghrelin levels are increased in patients with adolescent idiopathic scoliosis*. **Scoliosis**. 2015 Nov 30;10:33. doi: 10.1186/s13013-015-0054-7. eCollection 2015.

Ledall J, Fruchon S, Garzoni M, Pavan GM, Caminade AM, Turrin CO, Blanzat M, Poupot R. *Interaction studies reveal specific recognition of an anti-inflammatory polyphosphorhydrazone dendrimer by human monocytes*. **Nanoscale**. 2015 Oct 22;7(42):17672-84. doi: 10.1039/c5nr03884g.

Bar C, Zadro C, Diene G, Oliver I, Pienkowski C, Jouret B, Cartault A, Ajaltouni Z, Salles JP, Sevely A, Tauber M, Edouard T. *Pituitary Stalk Interruption Syndrome from Infancy to Adulthood: Clinical, Hormonal, and Radiological Assessment According to the Initial Presentation*. **PLoS One**. 2015 Nov 12;10(11):e0142354. doi: 10.1371/journal.pone.0142354. eCollection 2015.

Degboé Y, Constantin A, Nigon D, Tobon G, Cornillet M, Schaefferbeke T, Chiocchia G, Nicaise-Roland P, Nogueira L, Serre G, Cantagrel A, Ruysen-Witrand A. *Predictive value of autoantibodies from anti-CCP2, anti-MCV and anti-human citrullinated fibrinogen tests, in early rheumatoid arthritis patients with rapid radiographic progression at 1 year: results from the ESPOIR cohort*. **RMD Open**. 2015 Nov 26;1(1):e000180. doi: 10.1136/rmdopen-2015-000180. eCollection 2015.

Ruysen-Witrand A, van Steenbergen HW, van Heemst J, Gourraud PA, Nigon D, Lukas C, Miceli-Richard C, Jamard B, Cambon-Thomsen A, Cantagrel A, Dieudé P, van der Helm-van Mil AH, Constantin A. *A new classification of HLA-DRB1 alleles based on acid-base properties of the amino acids located at positions 13, 70 and 71: impact on ACPA status or structural progression, and meta-analysis on 1235 patients with rheumatoid from two cohorts (ESPOIR and EAC cohort)*. **RMD Open**. 2015 Nov 19;1(1):e000099. doi: 10.1136/rmdopen-2015-000099. eCollection 2015.

Caminade AM, Fruchon S, Turrin CO, Poupot M, Ouali A, Maraval A, Garzoni M, Maly M, Furer V, Kovalenko V, Majoral JP, Pavan GM, Poupot R. *The key role of the scaffold on the efficiency of dendrimer nanodrugs*. **Nat Commun**. 2015 Jul 14;6:7722. doi: 10.1038/ncomms8722.

Fruchon S, Mouriot S, Thiollier T, Grandin C, Caminade AM, Turrin CO, Contamin H, Poupot R. *Repeated intravenous injections in non-human primates demonstrate preclinical safety of an anti-inflammatory phosphorus-based dendrimer*. **Nanotoxicology**. 2015 May;9(4):433-41. doi: 10.3109/17435390.2014.940406. Epub 2014 Jul 22.

Haine E, Salles JP, Van Kien PK, Conte-Auriol F, Gennero I, Plancke A, Julia S, Dulac Y, Tauber M, Edouard T. *Muscle and Bone Impairment in Children with Marfan Syndrome: Correlation with Age and FBN1 Genotype*. **J Bone Miner Res**. 2015 Feb 6. doi: 10.1002/jbmr.2471.

Salles JP. *Clinical Forms and Animal Models of Hypophosphatasia*. **Subcell Biochem**. 2015;76:3-24. doi: 10.1007/978-94-017-7197-9_1. Review.

Meziane H, Schaller F, Bauer S, Villard C, Matarazzo V, Riet F, Guillon G, Lafitte D, Desarmenien MG, Tauber M, Muscatelli F. *An Early Postnatal Oxytocin Treatment Prevents Social and Learning Deficits in Adult Mice Deficient for Magel2, a Gene Involved in Prader-Willi Syndrome and Autism*. **Biol Psychiatry**. 2014 Nov 20.

Linglart A, Tauber M, Bougneres P, Lebouc Y, Chatelain P. *Growth hormone treatment for childhood short stature and risk of stroke in early adulthood*. **Neurology**. 2015 Mar 10;84(10):1062-3.

Koufaris C, Papagregoriou G, Kousoulidou L, Moutafi M, Tauber M, Jouret B, Kieffer I, Deltas C, Tanteles GA, Anastasiadou V, Patsalis PC, Sismani C. *Haploinsufficiency of the miR-873/miR-876 microRNA cluster is associated with craniofacial abnormalities*. **Gene**. 2015 Apr 25;561(1):95-100. doi: 10.1016.

Bieth E*, Eddiry S*, Gaston V, Lorenzini F, Buffet A, Conte Auriol F, Molinas C, Cailley D, Rooryck C, Arveiler B, Cavaillé J, Salles JP, Tauber M. *Highly restricted deletion of the SNORD116 region is implicated in Prader-Willi Syndrome*. **Eur J Hum Genet**. 2015 Feb;23(2):252-5. doi: 10.1038/ejhg.2014.103.

Milleron O, Arnoult F, Ropers J, Aegerter P, Detaint D, Delorme G, Attias D, Tubach F, Dupuis-Girod S, Plauchu H, Barthelet M, Sassolas F, Pangaud N, Naudion S, Thomas-Chabaneix J, Dulac Y, Edouard T, Wolf JE, Faivre L, Odent S, Basquin A, Habib G, Collignon P, Boileau C, Jondeau G. *Marfan Sartan: a randomized, double-blind, placebo-controlled trial*. **Eur Heart J**. 2015 May 2. pii: ehv151. [Epub ahead of print]

Kuppens RJ, Diène G, Bakker NE, Molinas C, Faye S, Nicolino M, Bernoux D, Delhanty PJ, van der Lely AJ, Allas S, Julien M, Delale T, Tauber M, Hokken-Koelega AC. *Elevated ratio of acylated to unacylated ghrelin in children and young adults with Prader-Willi syndrome*. **Endocrine**. 2015 May 20. [Epub ahead of print]

Bauer H, Luxembourger C, Gottenberg JE, Fournier S, Abravanel F, Cantagrel A, Chatelus E, Claudepierre P, Hudry C, Izopet J, Fabre S, Lefevre G, Marguerie L, Martin A, Messer L, Molto A, Pallot-Prades B, Pers YM, Roque-Afonso AM, Roux C, Sordet C, Soubrier M, Veissier C, Wendling D, Péron JM, Sibilia J; *Club Rhumatismes et Inflammation, a section of the French Society of Rheumatology*. *Outcome of hepatitis e virus infection in patients with inflammatory arthritides treated with immunosuppressants: a French retrospective multicenter study*. **Medicine** (Baltimore). 2015 Apr;94(14):e675.

Seror R, Le Gall-David S, Bonnaure-Mallet M, Schaefferbeke T, Cantagrel A, Minet J, Gottenberg JE, Chanson P, Ravaud P, Mariette X. *Anti-*Porphyromonas gingivalis* antibodies titres are associated with non-smoking status in early rheumatoid arthritis: Results from the ESPOIR cohort*. **Arthritis Rheumatol**. 2015 Mar 16. doi: 10.1002/art.39118.

Cornillet M, Verrouil E, Cantagrel A, Serre G, Nogueira L. *In ACPA-positive RA patients, antibodies to EBNA35-58Cit, a citrullinated peptide from the Epstein-Barr nuclear antigen-1, strongly cross-react with the peptide β 60-74Cit which bears the immunodominant epitope of citrullinated fibrin*. **Immunol Res**. 2015 Feb;61(1-2):117-25.

Miceli-Richard C, Taylor KE, Nititham J, Seror R, Nocturne G, Boudaoud S, Dieude P, Constantin A, Devauchelle-Pensec V, Tobón GJ, Mariette X, Criswell LA. *Genetic contribution of DKK-1 polymorphisms to RA structural severity and DKK-1 level of expression*. **Ann Rheum Dis**. 2015 Mar 24

Laroche M, Nigon D, Gennero I, Lassoued S, Pouilles JM, Trémolières F, Vallet M, Tack I. *Vitamin D deficiency prediction by patient questionnaire and secondary hyperparathyroidism in a cohort of 526 healthy subjects in their fifties* **Presse Med**. 2015 May 7. pii: S0755-4982(15)00185-2. doi: 10.1016/j.lpm.2015.01.012.

Eqp 10 (R Lesourne) : Bases moléculaires et déterminismes physiologiques de la signalisation dans les lymphocytes T

1-Pedros C, Gaud G, Bernard I, Kassem S, Chabod M, Lagrange D, Andréoletti O, Dejean AS, Lesourne R, Fournié GJ, Saoudi A. *An Epistatic Interaction between *Themis1* and *Vav1* Modulates Regulatory T Cell Function and Inflammatory Bowel Disease Development*. **J Immunol**. 2015 Aug 15;195(4):1608-16. doi: 10.4049/jimmunol.1402562. Epub 2015 Jul 10.

2-Hwang S, Palin AC, Li L, Song KD, Lee J, Herz J, Tubo N, Chu H, Pepper M, Lesourne R, Zvezdova E, Pinkhasov J, Jenkins MK, McGavern D, Love PE. *TCR ITAM multiplicity is required for the generation of follicular helper T-cells* **Nat Commun.** 2015 May 11;6:6982. doi: 10.1038/ncomms7982.