

## Publications 2013

### Equipe de Recherche / *Research Team*

### Pathogénèse des infections virales et vieillesse immunitaire / *Immunopathogenesis of viral infections and immune aging*

### Chef d'équipe / *Team Leader*

Dr Victor APPAY

1. **Larsen M, Appay V, Sauce D.** Med Sci (Paris). [Influence of PD-1 on the immunological synapse: a facet of immune regulation ?](#). 2013 Dec;29(12):1080-2.
2. Roux A, Mourin G, **Larsen M, Fastenackels S,** Urrutia A, Gorochov G, **Autran B,** Donner C, Sidi D, Sibony-Prat J, Marchant A, Stern M, **Sauce D, Appay V.** [Differential impact of age and cytomegalovirus infection on the  \$\gamma\delta\$  T cell compartment.](#) J Immunol. 2013 Aug 1;191(3):1300-6.
3. Roux A, Mourin G, Fastenackels S, Almeida JR, Iglesias MC, Boyd A, Gostick E, Larsen M, Price DA, Sacre K, Douek DC, Autran B, Picard C, Miranda Sd, **Sauce D,** Stern M, **Appay V.** [CMV driven CD8\(+\) T-cell activation is associated with acute rejection in lung transplantation.](#) Clin Immunol. 2013 Jul;148(1):16-26.
4. Ladell K, Hashimoto M, Iglesias MC, Wilmann PG, McLaren JE, Gras S, Chikata T, Kuse N, **Fastenackels S,** Gostick E, Bridgeman JS, Venturi V, Arkoub ZA, **Agut H,** van Bockel DJ, Almeida JR, Douek DC, Meyer L, Venet A, Takiguchi M, Rossjohn J, Price DA, **Appay V.** [A molecular basis for the control of preimmune escape variants by HIV-specific CD8+ T cells.](#) Immunity. 2013 Mar 21;38(3):425-36.
5. **Sauce D, Elbim C, Appay V.** [Monitoring cellular immune markers in HIV infection: from activation to exhaustion.](#) Curr Opin HIV AIDS. 2013 Mar;8(2):125-31.
6. Iglesias MC, Briceno O, Gostick E, Moris A, Meaudre C, Price DA, Ungeheuer MN, Saez-Cirion A, Mallone R, **Appay V.** [Immunodominance of HLA-B27-restricted HIV KK10-specific CD8\(+\) T-cells is not related to naïve precursor frequency.](#) Immunol Lett. 2013 Jan;149(1-2):119-22.