

## Publications 2014

**Equipe de Recherche / Research Team**

**Biologie et Immunologie de l'infection  
hépatique du paludisme / *Biology and  
immunology of malaria liver infection***

**Chef d'équipe / Team Leader**

**Dr. Olivier SILVIE**

1. **Risco-Castillo V, Topçu S, Son O, Briquet S, Manzoni G, Silvie O.** [CD81 is required for rhoptry discharge during host cell invasion by Plasmodium yoelii sporozoites.](#) Cell Microbiol. 2014 Oct;16(10):1533-48.
2. **Manzoni G, Briquet S,** Risco-Castillo V, Gaultier C, **Topçu S,** Ivănescu ML, **Franetich JF,** Hoareau-Coudert B, **Mazier D, Silvie O.** [A rapid and robust selection procedure for generating drug-selectable marker-free recombinant malaria parasites.](#) Sci Rep. 2014 Apr 23;4:4760.
3. Grützke J, Rindte K, Goosmann C, **Silvie O,** Rauch C, Heuer D, Lehmann MJ, Mueller AK, Brinkmann V, Matuschewski K, Ingmundson A. [The spatiotemporal dynamics and membranous features of the Plasmodium liver stage tubovesicular network](#) Traffic. 2014 Apr;15(4):362-82.
4. Offeddu V, Rauch M, **Silvie O,** Matuschewski K. [The Plasmodium protein P113 supports efficient sporozoite to liver stage conversion in vivo.](#) Mol Biochem Parasitol. 2014 Mar 20;193(2):101-109.
5. **Silvie O, Briquet S,** Müller K, **Manzoni G,** Matuschewski K. [Post-transcriptional silencing of UIS4 in Plasmodium berghei sporozoites is important for host switch.](#) Mol Microbiol. 2014 Mar;91(6):1200-13.