

## Publications 2016

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### Equipe de Recherche / Research Team

**Identification et validation pré-clinique de nouvelles cibles thérapeutiques contre le paludisme / Identification and pre-clinical validation of novel therapeutic targets against malaria**

### Chefs d'équipe / Team Leaders

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1. Imbert S, **Bresler P, Boissonnas A**, Gauthier L, Souchet L, Uzunov M, **Leblond V, Mazier D, Nguyen S, Fekkar A**. [Calcineurin inhibitors impair neutrophil activity against Aspergillus fumigatus in allogeneic hematopoietic stem cell transplant recipients](#). J Allergy Clin Immunol. 2016 Sep;138(3):860-8
2. **Barata L**, Houzé P, Boutbibe K, Zanghi G, **Franetich JF, Mazier D**, Clain J. [In Vitro Analysis of the Interaction between Atovaquone and Proguanil against Liver Stage Malaria Parasites](#). Antimicrob Agents Chemother. 2016 Jun 20;60(7):4333-5.
3. Domínguez-Berrocal L, Zhang X, Zini JM, Fominaya J, **Rebollo A**, Bravo J. [Evaluation of Caspase-9b and PP2A \$\alpha\$ 2 as potential biomarkers for chronic lymphocytic leukemia](#). Biomark Res. 2016 May 4;4:9.
4. Imwong M, Stepniewska K, Tripura R, Peto TJ, Lwin KM, Vihokhern B, Wongsan K, von Seidlein L, Dhorda M, **Snounou G**, Keereecharoen L, Singhasivanon P, Sirithiranont P, Chalk J, Nguon C, Day NP, Nosten F, Dondorp A, White NJ. [Numerical Distributions of Parasite Densities During Asymptomatic Malaria](#). J Infect Dis. 2016 Apr 15;213(8):1322-9.
5. Atroosh WM, Al-Mekhlafi HM, **Snounou G**, Al-Jasari A, Sady H, Nasr NA, Lau YL, Surin J. [Sustained efficacy of artesunate-sulfadoxine-pyrimethamine against Plasmodium falciparum in Yemen and a renewed call for an adjunct single dose primaquine to clear gametocytes](#). Malar J. 2016 May 27;15(1):295.
6. Amir A, Russell B, Liew JW, Moon RW, Fong MY, Vythilingam I, Subramaniam V, **Snounou G**, Lau YL. [Invasion characteristics of a Plasmodium knowlesi line newly isolated from a human](#). Sci Rep. 2016 Apr 21;6:24623.
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8. Peng K, Goh YS, Siau A, **Franetich JF**, Chia WN, Ong AS, Malleret B, Wu YY, **Snounou G**, Hermsen CC, Adams JH, **Mazier D**, Preiser PR, Sauerwein RW, Grüner AC, Rénia L. [Breadth of humoral response and antigenic targets of sporozoite-inhibitory antibodies associated with sterile protection induced by controlled human malaria infection](#). Cell Microbiol. 2016 Apr 30.
9. Imwong M, Stepniewska K, Tripura R, Peto TJ, Lwin KM, Vihokhern B, Wongsan K, von Seidlein L, Dhorda M, **Snounou G**, Keereecharoen L, Singhasivanon P, Sirithiranont P, Chalk J, Nguon C, Day NP, Nosten F, Dondorp A, White NJ. [Numerical Distributions of Parasite Densities During Asymptomatic Malaria](#). J Infect Dis. 2016 Apr 15;213(8):1322-9.
10. Rijpma SR, van der Velden M, González-Pons M, Annoura T, van Schaijk BC, van Gemert GJ, van den Heuvel JJ, Ramesar J, Chevalley-Maurel S, Ploemen IH, Khan SM, **Franetich JF, Mazier D**, de Wilt JH, Serrano AE, Russel FG, Janse CJ, Sauerwein RW, Koenderink JB, Franke-Fayard BM. [Multidrug ATP-binding cassette transporters are essential for hepatic development of Plasmodium sporozoites](#). Cell Microbiol. 2016 Mar;18(3):369-83.

11. Barata L, Houzé P, Boutbibe K, Zanghi G, Franetich JF, **Mazier D**, Clain J. [In vitro analysis of the interaction between Atovaquone and Proguanil against malaria liver stage.](#) Antimicrob Agents Chemother. 2016 Feb 29
12. Chen PB, Ding S, Zanghi G, Soulard V, DiMaggio PA, Fuchter MJ, Mecheri S, **Mazier D**, Scherf A, Malmquist NA. [Plasmodium falciparum PfSET7: enzymatic characterization and cellular localization of a novel protein methyltransferase in sporozoite, liver and erythrocytic stage parasites.](#) Sci Rep. 2016 Feb 23;6:21802.
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14. Imbert S, Gauthier L, Joly I, **Brossas JY**, Uzunov M, Touafek F, Brun S, **Mazier D**, Datry A, Gay F, Fekkar A. [Aspergillus PCR in serum for the diagnosis, follow-up and prognosis of invasive aspergillosis in neutropenic and non-neutropenic patients.](#) Clin Microbiol Infect. 2016 Feb 16.
15. **D. Mazier**, Marc Thellier. [Youyou Tu, de Mao Zedong au Prix Nobel. médecine/sciences](#) 2016;32 : 106-9