

Articles under review, posted as preprints or in press:

Y. Drissi-El Boukili, V. Kühne, H. M. Natama, P. Moris, E. Tintó-Font, A. W. Bere, O. Goovaerts, P. Guetens, A. Moreno-Murillo, Y. Valgaerts, T. E. Traoré, D. F. Ouedraogo, H. Tinto, A. Van de Velde, A. Cortés, G. Caljon & A. Rosanas-Urgell, **2026**, “Elevated *Plasmodium falciparum* sexual conversion in HbAC and HbAS red blood cells in naturally infected malaria patients”, **PLoS Pathog.**, in press (preprint available in **bioRxiv**, doi: <https://doi.org/10.1101/2025.11.15.688532>).

Published articles:

E. Tintó-Font, N. Casas-Vila, C. Martínez-Guardiola, A. Pérez-Cantero, N. Ràfols, P. B. Nyarko & A. Cortés, **2026**, “AP2-HS and a GDV1 regulatory feedback loop mediate environmental induction of sexual conversion in *Plasmodium falciparum*”, **Nat. Microbiol.**, doi: 10.1038/s41564-026-02473-6.

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L. Michel-Todó, C. Bancells, N. Casas-Vila, N. Rovira-Graells, C. Hernández-Ferrer, J.R. González & A. Cortés, **2023**, “Patterns of Heterochromatin Transitions Linked to Changes in the Expression of *Plasmodium falciparum* Clonally Variant Genes”, **Microbiol Spectr.** 11:e0304922.

E. Tintó-Font & Cortés A., **2022**, REVIEW (News & Views): “How a malaria parasite becomes a male”, **Nature** 612:408-409.

H.P. Portugaliza, H.M. Natama, P. Guetens, E. Rovira-Vallbona, A.M. Somé, A. Millogo, D.F. Ouédraogo, I. Valéa, H. Sorgho, T. Halidou, N. van Hong, A. Siteo, R. Varo,

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Cover image.

E. Tintó-Font, L. Michel-Todó, T.J. Russell, N. Casas-Vila, D.J. Conway, Z. Bozdech, M. Llinás & A. Cortés, **2021**, “A heat-shock response regulated by the PfAP2-HS transcription factor protects human malaria parasites from febrile temperatures”, **Nat. Microbiol.** 6:1163-74.

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H.P. Portugaliza, S. Miyazaki, F.J. Geurten, C. Pell, A. Rosanas-Urgell, C.J. Janse & A. Cortés, **2020**, “Artemisinin exposure at the ring or trophozoite stage impacts *Plasmodium falciparum* sexual conversion differently”, **eLife** 9:e60058.

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C. Bancells, O. Llorà-Batlle, A. Poran, C. Nötzel, N. Rovira-Graells, O. Elemento, B.F.K. Kafsack & A. Cortés, **2019**, “Revisiting the initial steps of sexual development in the malaria parasite *Plasmodium falciparum*”, **Nat. Microbiol.** 4:144-54.

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