

Articles scientifiques publiés ces cinq dernières années

2024

1. Aldebert, D. *et al.* Easy-to-use imaging-cytometry assay to analyze chitin patterns in yeasts. *Journal of Medical Mycology* **34**, 101493 (2024).

2023

2. Tafech, A. *et al.* Characterization of the Intracellular Acidity Regulation of Brain Tumor Cells and Consequences for Therapeutic Optimization of Temozolomide. *Biology* **12**, 1221 (2023).
3. Tafech, A., Beaujean, C., Usson, Y. & Stéphanou, A. Generalization of the Ratiometric Method to Extend pH Range Measurements of the BCECF Probe. *Biomolecules* **13**, 442 (2023).

2022

4. Laurin, D. *et al.* Extracellular Vesicles from 50,000 Generation Clones of the Escherichia coli Long-Term Evolution Experiment. *IJMS* **23**, 14580 (2022).
5. Laforgue, L., Fertin, A., Usson, Y., Verdier, C. & Laurent, V. M. Efficient deformation mechanisms enable invasive cancer cells to migrate faster in 3D collagen networks. *Sci Rep* **12**, 7867 (2022).

2021

6. Romand, X. *et al.* Mediation of Interleukin-23 and Tumor Necrosis Factor–Driven Reactive Arthritis by *Chlamydia* -Infected Macrophages in SKG Mice. *Arthritis & Rheumatology* **73**, 1200–1210 (2021).

2020

7. Broncel, M. *et al.* Profiling of myristoylation in *Toxoplasma gondii* reveals an N-myristoylated protein important for host cell penetration. *eLife* **9**, e57861 (2020).
8. Amiar, S. *et al.* Division and Adaptation to Host Environment of Apicomplexan Parasites Depend on Apicoplast Lipid Metabolic Plasticity and Host Organelle Remodeling. *Cell Reports* **30**, 3778-3792.e9 (2020).

2019

9. Wang, Y. *et al.* New Antifungal Susceptibility Test Based on Chitin Detection by Image Cytometry. *Antimicrob Agents Chemother* **64**, e01101-19 (2019).
10. Fertin, A. *et al.* Displacement fields using correlation methods as a tool to investigate cell migration in 3D collagen gels. *Journal of Microscopy* **275**, 172–182 (2019).
11. Pansieri, J. *et al.* Ultraviolet–visible–near-infrared optical properties of amyloid fibrils shed light on amyloidogenesis. *Nat. Photonics* **13**, 473–479 (2019).
12. Loeuillet, C., Touquet, B., Guichou, J. F., Labesse, G. & Sereno, D. A Tiny Change Makes a Big Difference in the Anti-Parasitic Activities of an HDAC Inhibitor. *IJMS* **20**, 2973 (2019).

13. Allier, C. *et al.* Quantitative phase imaging of adherent mammalian cells: a comparative study. *Biomed. Opt. Express* **10**, 2768 (2019).