



2023 Publications in Peer-Reviewed Journals

Fraga, A., Mosca, A. F., Moita, D., Simas, J. P., Nunes-Cabaco, H., & Prudêncio, M. (2023). SARS-CoV-2 decreases malaria severity in co-infected rodent models. *Frontiers in Cellular and Infection Microbiology*, 13.

Marinho, P. F., Vieira, S. L., Carvalho, T. G., Peleteiro, M. C., & Hanscheid, T. (2022). A novel and simple heat-based method eliminates the highly detrimental effect of xylene deparaffinization on acid-fast stains. *bioRxiv*, 2022-11.

Sousa, N. S., Brás, M. F., Antunes, I. B., Lindholm, P., Neves, J., & Sousa-Victor, P. (2023). Aging disrupts MANF-mediated immune modulation during skeletal muscle regeneration. *Nature Aging*, 3(5), 585-599.

Tang, C., Coelho, A. R., Rebelo, M., Kiely-Collins, H., Carvalho, T., & Bernardes, G. J. (2023). A Selective SARS-CoV-2 Host-Directed Antiviral Targeting Stress Response to Reactive Oxygen Species. *ACS Central Science*, 9(1), 109-121.

Nóbrega-Pereira, S., Santos, F., Oliveira Santos, M., Serafim, T. L., Lopes, A. P., Coutinho, D., ... & Dias, S. (2023). Mitochondrial metabolism drives low-density lipoprotein-induced breast cancer cell migration. *Cancer Research Communications*, 3(4), 709-724.

Rebelo, M., Tang, C., Coelho, A. R., Labão-Almeida, C., Schneider, M. M., Tatalick, L., ... & Bernardes, G. J. (2023). De Novo Human Angiotensin-Converting Enzyme 2 Decoy NL-CVX1 Protects Mice From Severe Disease After Severe Acute Respiratory Syndrome Coronavirus 2 Infection. *The Journal of Infectious Diseases*, jiad135.

Machado, H., Hofer, P., Zechner, R., Smith, T. K., & Figueiredo, L. M. (2023). Adipocyte lipolysis protects mice against *Trypanosoma brucei* infection. *Nature Microbiology*, 8(11), 2020-2032.

Marinho, P. F., & Hanscheid, T. (2023). A simple heat-based alternative method for deparaffinization of histological sections significantly improves acid-fast staining results for Mycobacteria in tissue. *MethodsX*, 10, 102079.

Moita, D., Rôla, C., Nunes-Cabaço, H., Nogueira, G., Maia, T. G., Othman, A. S., ... & Prudêncio, M. (2023). The effect of dosage on the protective efficacy of whole-sporozoite formulations for immunization against malaria. *npj Vaccines*, 8(1), 182.

Ribeiro, A., Rebocho da Costa, M., de Sena-Tomás, C., Rodrigues, E. C., Quitéria, R., Maçarico, T., ... & Saúde, L. (2023). Development and repair of blood vessels in the zebrafish spinal cord. *Open Biology*, 13(8), 230103.

Chora, Â. F., Marques, S., Gonçalves, J. L., Lima, P., da Costa, D. G., Fernandez-Ruiz, D., ... & Mota, M. M. (2023). Interplay between liver and blood stages of *Plasmodium* infection dictates malaria severity via $\gamma\delta$ T cells and IL-17-promoted stress erythropoiesis. *Immunity*, 56(3), 592-605.

Paisana, E., Cascão, R., Custódia, C., Qin, N., Picard, D., Pauck, D., ... & Faria, C. C. (2023). UBE2C promotes leptomeningeal dissemination and is a therapeutic target in brain metastatic disease. *Neuro-Oncology Advances*, 5(1), vdad048.

Matos, A. I., Peres, C., Carreira, B., Moura, L. I., Acúrcio, R. C., Vogel, T., ... & Florindo, H. F. (2023). Polyoxazoline-Based Nanovaccine Synergizes with Tumor-Associated Macrophage Targeting and Anti-PD-1 Immunotherapy against Solid Tumors. *Advanced Science*, 10(25), 2300299.



Godinho-Pereira, J., Vaz, D., Figueira, I., Aniceto-Romão, J., Krizbai, I., Malhó, R., ... & Brito, M. A. (2023). Breast Cancer Brain Metastases: Implementation and Characterization of a Mouse Model Relying on Malignant Cells Inoculation in the Carotid Artery. *Cells*, 12(16), 2076.

Carmona-Fernandes, D., Casimiro, R. I., Silva, A., Koskela, A., Finnilä, M. A., Santos, M. J., ... & Fonseca, J. E. (2023). Bone disturbances and progression of atherosclerosis in ApoE knockout mice. *Clinical and Experimental Rheumatology*.

Matos, A. I., Peres, C., Carreira, B., Moura, L. I., Acúrcio, R. C., Vogel, T., ... & Florindo, H. F. (2023). Polyoxazoline-Based Nanovaccine Synergizes with Tumor-Associated Macrophage Targeting and Anti-PD-1 Immunotherapy against Solid Tumors. *Advanced Science*, 10(25), 2300299.

Nóbrega-Pereira, S., Santos, F., Oliveira Santos, M., Serafim, T. L., Lopes, A. P., Coutinho, D., ... & Dias, S. (2023). Mitochondrial metabolism drives low-density lipoprotein-induced breast cancer cell migration. *Cancer Research Communications*, 3(4), 709-724.

Papotto, P. H., Yilmaz, B., Pimenta, G., Mensurado, S., Cunha, C., Fiala, G. J., ... & Silva-Santos, B. (2023). Maternal $\gamma\delta$ T cells shape offspring pulmonary type 2 immunity in a microbiota-dependent manner. *Cell reports*, 42(2).

Gomes, I., Gallego-Paez, L. M., Jiménez, M., Santamaria, P. G., Mansinho, A., Sousa, R., ... & Casimiro, S. (2023). Co-targeting RANK pathway treats and prevents acquired resistance to CDK4/6 inhibitors in luminal breast cancer. *Cell Reports Medicine*, 4(8).