OHD papers published during YEAR 3 (November 2024-October 2025)

Number of the paper	Details of the publication
1	Bertram, M.G., Wong, B.B.M., Kümmerer, K., Jörg, M. In press. Development of environmentally biodegradable drugs: what are the key challenges? Expert Opin. Drug Discov. https://doi.org/10.1080/17460441.2024.2442746
2	Baz-Lomba, J.A., van Nuijs, A.L.N., Lenart-Boroń, A., Péterfi, A., de l'Eprevier, A., Löve, A.S.C., Kasprzyk-Hordern, B., Ort, C., Simeoni, E., Heath, E., Pridotkiene, E., Lai, F.Y., Béen, F., Oberacher, H., Bodík, I., Valenčić, I., Slobodnik, J., Strandberg, J., Sheeran, K., Smit-Rigter, L.A., Barron, L.P., Bijlsma, L., Psichoudaki, M., Savvidou, M., Edland-Gryt, M., Helminen, M., Busch, M., Jandl, M., Bertram, M.G., López de Alda, M., Berndt, N., Daglioglu, N., Thomaidis, N., Fabien, L., Chomynova, P., Oertel, R., Castiglioni, S., Mercan, S., Akgür, S.A., Schneider, S., Gunnar, T., ter Laak, T., Thiebault, T., Matias, J.P. 2025. Bridging the gap between research and decision making: a European survey to enhance cooperation in wastewater-based epidemiology (WBE) for illicit drugs. Public Health 241, 158–163. https://doi.org/10.1016/j.puhe.2025.02.009
3	Bayraktar, G., Marchand, P., Barbosa, E. G., da Silva, M. C., Weber, K. C., Cojean, S., ... & Istanbullu, H. (2024). Biological properties and in silico studies of thiazolopyrimidine derivatives active against visceral and cutaneous Leishmania spp. amastigote forms. European Journal of Medicinal Chemistry Reports, 12, 100228. https://doi.org/10.1016/j.ejmcr.2024.100228
4	Santos T.T., Lages E.B., Ricotta T.N.Q., de Oliveira L.G., Ramos G.S., Burlot J., Abreu S., Chaminade P., Legrand F.X., Tran P., Deloménie C., Vallejos V.M.R., Helou D.G., de Almeida R.M., Queiroz-Junior C.M., Teobaldo G.B.M., de Oliveira C.L.P., Ferreira L.A.M., Aguiar M.M.G., Pomel S., Frézard F. (2025). Long-circulating liposomes co-delivering amphotericin B and reticnoic acid for cutaneous leishmaniasis treatment. ACS Omega, in press.
5	Sustainable Antiparasitic Agents from an Agro-Industrial Waste: Mitochondria-Targeting Cashew Nutshell Liquid-Derived Phosphonium and Ammonium Salts Bianca Martinengo, Cecilia Baldassarri, Kayhan Ilbeigi, Hamed E. Alkhalaf, Aditya Sarode, Ehab Kotb Elmahallawy, Ba Reum Kwon, Amos Sarpong Agyei, Aigerim Abdimanova, Ludmila Ferreira de Almeida Fiuza, Raquel Azevedo, Ketlym da Conceição, Marcos Meuser Batista, Ellyêssa Nascimento Borges, Kleber Santiago Freitas e Silva, Éder Jéferson Souza Cardoso, Natália Cipriano Monteiro, Lais Flavia Nunes Lemes, Luiz Antonio Soares Romeiro, Antonio Alonso, Maria de Nazaré Correia Soeiro, Guy Caljon, Bryan W. Brooks, Harry P. De Koning, and Maria Laura Bolognesi Journal of Medicinal Chemistry 68(18):19438-19462 DOI: 10.1021/acs.jmedchem.5c01617
6	Ebiloma GU, Alhejely AS, De Koning HP (2025) Interventions for Neglected Diseases Caused by Kinetoplastid Parasites: A One Health Approach to Drug Discovery, Development, and Deployment. Pharmaceuticals 18:1415
7	Hrcková, G.; Mudronová, D.; Reiterová, K.; Cavallero, S.; Bellini,I. :Human Dialyzable Leukocyte Extract Enhances Albendazole Efficacy and Promotes Th1/Th2- Biased Lymphocyte and Antibody Responses in Peritoneal Cavity of

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8	Ilbeigi K, Mabille D, Matheeussen A, Hendrickx R, Claes M, Van Reet N, Anthonissen R, Hulpia F, Lin C, Maes L, Regnault C, Whitfield P, Roy R, Ungogo MA, Sterckx YG, De Winter H, Mertens B, Bundschuh M, De Koning HP, Van Calenbergh S, Caljon G. (2025) Discovery and Development of an Advanced Lead for the Treatment of African Trypanosomiasis. ACS Infectious Diseases 11:131-143. doi: 10.1021/acsinfecdis.4c00472
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12	Dupouy B, Donzel M, Roignant M, Charital S, Keumoe R, Yamaryo-Botté Y, Feckler A, Bundschuh M, Bordat Y, Rottmann M, Mäser P, Botté CY, Blandin SA, Besteiro S, Davioud-Charvet E. 3-Benzylmenadiones and their Heteroaromatic Analogues Target the Apicoplast of Apicomplexa Parasites: Synthesis and Bioimaging Studies. ACS Infect Dis. 2024 Oct 11;10(10):3553-3576. doi: 10.1021/acsinfecdis.4c00304.
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18	L. Misevičienė, M.-P. Golinelli-Cohen, V. Kairys, A. Marozienė, M. Lesanavičius, N. Čėnas. Reactions of *Plasmodium falciparum* Quinoidal and Nitroaromatic oxidants INADH:Ubiquinone Reductase with Nonpysiological Oxidants. Int. J. Molec. Sci. 2025, 26, 2509. doi: 10.3390/ijms26062509.
19	Picard M, Boutrais S, Rodrigues V, Fortier Y, Borde C, Soundaramourty C, Clain C, Joly-Beauparlant C, Racine G, Zghidi-Abouzid O, Droit A, Pruvost A, Costi MP, Silvestre R, Cordeiro da Silva A, MacDougall J, André S,and Estaquier J. Persistent myeloid cell reprogramming despite miltefosine treatment in Leishmania-infected macaques. ISciences 2025
20	New Trypanosoma brucei acting derivatives incorporating 1-(4-phenyl)adamantane and 1-(4-phenoxyphenyl)adamantane. K. Stavropoulou, A. Kaimaki, M. Nikolaou, A. K. Brown, A. Tsotinis, M. C. Taylor, J. M. Kelly, I. P. Papanastasiou. RSC Med. Chem., 2025, 16, 2441-2451. DOI: 10.1039/d5md00135h
21	Nanostructured Lipid Carrier for Intracellular Delivery of a Bis(pyridine-2-carboxamidine) DNA Minor Groove Binder Active against Leishmania J. J. Nué-Martinez, M. Leo-Barriga, F. Herranz, Z. Koutsogiannis, P. W. Denny, G. U. Ebiloma, C. Dardonville, A. González-Paredes. ACS Omega 2025, 10 (8), 7795–7805 DOI: 10.1021/acsomega.4c08138
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31	Persistent myeloid cell reprogramming despite miltefosine treatment in Leishmania-infected macaques Morgane Picard1 · Steven Boutrais2 · Vasco Rodrigues1 · Yasmina Fortier1 · Chloé Borde1 · Calaiselvy Soundaramourty1 · Julien Clain2 · Charles Joly-Beauparlant2 · Gina Racine2 · Ouafa Zghidi-Abouzid2 · Arnaud Droit2 · Alain Pruvost3 · Maria Paola Costi4 · Ricardo Silvestre5,6 · Anabela Cordeiro da Silva7,8,9 · Jane MacDougall10 · Sónia André1 estaquier@yahoo.fr · Jérôme Estaquier1,2, DOI: 10.1016/j.isci.2025.113900
32	Design of 2-Aminobenzothiazole Derivatives Targeting Trypanosomatid PTR1 by a Multidisciplinary Fragment Hybridization Approach Joanna Panecka-Hofman*, Pasquale Linciano, Ina Pöhner, Edyta Dyguda-Kazimierowicz, Wiktoria Jedwabny, Giacomo Landi, Nuno Santarem, Gesa Witt, Bernhard Ellinger, Maria Kuzikov, Rosaria Luciani, Stefania Ferrari, Daniele Aiello, Stefano Mangani, Cecilia Pozzi, Anabela Cordeiro-da-Silva, Sheraz Gul, Maria Paola Costi, and Rebecca C. Wade* Journal of Medicinal Chemistry 2025, 68, 19, 20595-20618