



MINISTÉRIO DA EDUCAÇÃO
UNIVERSIDADE FEDERAL FLUMINENSE
INSTITUTO BIOMÉDICO
PROGRAMA DE PÓS-GRADUAÇÃO *STRICTO SENSU*
EM MICROBIOLOGIA E PARASITOLOGIA APLICADAS

EDITAL PPGMPA/UFF Nº 2/2025

ADITAMENTO Nº 1

O PROGRAMA DE PÓS-GRADUAÇÃO *STRICTO SENSU* EM MICROBIOLOGIA E PARASITOLOGIA APLICADAS torna pública a seguinte atualização quanto ao EDITAL PPGMPA nº 02/2025.

Item 1 – Onde se lê:

9. CONTEÚDO PROGRAMÁTICO E BIBLIOGRAFIA INDICADA:

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9.2 - Artigos:

1. Seidel D, Wurster S, Jenks JD, Sati H, Gangneux JP, Egger M, Alastruey-Izquierdo A, Ford NP, Chowdhary A, Sprute R, Cornely O, Thompson GR 3rd, Hoenigl M, Kontoyiannis DP. Impact of climate change and natural disasters on fungal infections. *Lancet Microbe*. 2024 Mar 19:S2666- 5247(24)00039-9. doi: 10.1016/S2666-5247(24)00039-9.
2. Alsharksi, A.N.; Sirekbasan, S.; Gürkök-Tan, T.; Mustapha, A. From Tradition to Innovation: Diverse Molecular Techniques in the Fight Against Infectious Diseases. *Diagnostics* 2024, 14, 2876. <https://doi.org/10.3390/diagnostics14242876>
3. Brüssow H. Pandemic potential of poxviruses: From an ancient killer causing smallpox to the surge of monkeypox. *Microb Biotechnol*. 2023 Sep;16(9):1723-1735. doi: 10.1111/1751-7915.14294. Epub 2023 Jun 19. PMID: 37335284; PMCID: PMC10443337.
4. Nishimoto AT, Dao TH, Jia Q, Ortiz-Marquez JC, Echlin H, Vogel P, van Opijnen T, Rosch JW. Interspecies recombination, not de novo mutation, maintains virulence after β -lactam resistance acquisition in *Streptococcus pneumoniae*. *Cell Rep*. 2022 Dec 13;41(11):111835. doi: 10.1016/j.celrep.2022.111835. PMID: 36516783; PMCID: PMC9850807.
5. Froes LAR, Jr, Toma TS, Jachiet M, Rousset L, Poderoso RE, Trindade MAB (2023) Bacterial, fungal and parasitic co-infections in leprosy: A scoping review. *PLoS Negl Trop Dis* 17(5): e0011334. <https://doi.org/10.1371/journal.pntd.0011334>.
6. Hoenigl M, Seidel D, Sprute R, Cunha C, Oliverio M, Goldman GH, Ibrahim AS, Carvalho A. COVID-19-associated fungal infections. *Nat Microbiol*. 2022 Aug;7(8):1127-1140. doi: 10.1038/s41564-022-01172-2. Epub 2022 Aug 2. PMID: 35918423; PMCID: PMC9362108.
7. Brito SCP, Pinto MR, Alcântara LM, Reis NF, Durães TL, Bittar CTM, et al. (2023) Spatio-temporal six-year retrospective study on dermatophytosis in Rio de Janeiro, Southeast

Brazil: A tropical tourist locality tale. PLoS Negl Trop Dis 17(4): e0010865. <https://doi.org/10.1371/journal.pntd.0010865>

8. Jangra M, Travin DY, Aleksandrova EV, Kaur M, Darwish L, Koteva K, Klepacki D, Wang W, Tiffany M, Sokaribo A, Coombes BK, Vázquez-Laslop N, Polikanov YS, Mankin AS, Wright GD. A broad-spectrum lasso peptide antibiotic targeting the bacterial ribosome. *Nature*. 2025 Apr;640(8060):1022-1030. doi: 10.1038/s41586-025-08723-7. Epub 2025 Mar 26. PMID: 40140562.

9. Santos-Júnior CD, Torres MDT, Duan Y, Rodríguez Del Río Á, Schmidt TSB, Chong H, Fullam A, Kuhn M, Zhu C, Houseman A, Somborski J, Vines A, Zhao XM, Bork P, Huerta-Cepas J, de la Fuente-Nunez C, Coelho LP. Discovery of antimicrobial peptides in the global microbiome with machine learning. *Cell*. 2024 Jul 11;187(14):3761-3778.e16. doi: 10.1016/j.cell.2024.05.013. Epub 2024 Jun 5. PMID: 38843834; PMCID: PMC11666328.

Item 2 – Leia-se:

9. CONTEÚDO PROGRAMÁTICO E BIBLIOGRAFIA INDICADA:

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9.2 - Artigos:

1. Seidel D, Wurster S, Jenks JD, Sati H, Gangneux JP, Egger M, Alastruey-Izquierdo A, Ford NP, Chowdhary A, Sprute R, Cornely O, Thompson GR 3rd, Hoenigl M, Kontoyiannis DP. Impact of climate change and natural disasters on fungal infections. *Lancet Microbe*. 2024 Mar 19:S2666- 5247(24)00039-9. doi: 10.1016/S2666-5247(24)00039-9.

2. Alsharksi, A.N.; Sirekbasan, S.; Gürkök-Tan, T.; Mustapha, A. From Tradition to Innovation: Diverse Molecular Techniques in the Fight Against Infectious Diseases. *Diagnostics* 2024, 14, 2876. <https://doi.org/10.3390/diagnostics14242876>

3. Brüssow H. Pandemic potential of poxviruses: From an ancient killer causing smallpox to the surge of monkeypox. *Microb Biotechnol*. 2023 Sep;16(9):1723-1735. doi: 10.1111/1751-7915.14294. Epub 2023 Jun 19. PMID: 37335284; PMCID: PMC10443337.

4. Nishimoto AT, Dao TH, Jia Q, Ortiz-Marquez JC, Echlin H, Vogel P, van Opijnen T, Rosch JW. Interspecies recombination, not de novo mutation, maintains virulence after β -lactam resistance acquisition in *Streptococcus pneumoniae*. *Cell Rep*. 2022 Dec 13;41(11):111835. doi: 10.1016/j.celrep.2022.111835. PMID: 36516783; PMCID: PMC9850807.

5. Froes LAR, Jr, Toma TS, Jachiet M, Rousset L, Poderoso RE, Trindade MAB (2023) Bacterial, fungal and parasitic co-infections in leprosy: A scoping review. *PLoS Negl Trop Dis* 17(5): e0011334. <https://doi.org/10.1371/journal.pntd.0011334>.

6. Santos CR, Amendoeira MRR, Dib LV, CorrealL, Barbosa AS. *Entamoeba* sp. in a city in the Amazon interior in Brazil: Microscopic parasitological, immunological, and molecular diagnosis. *Parasite Epidemiol. Control*. 2025. <https://doi.org/10.1016/j.parepi.2025.e00424>.

7. Brito SCP, Pinto MR, Alcântara LM, Reis NF, Durães TL, Bittar CTM, et al. (2023) Spatio-temporal six-year retrospective study on dermatophytosis in Rio de Janeiro, Southeast Brazil: A tropical tourist locality tale. PLoS Negl Trop Dis 17(4): e0010865. <https://doi.org/10.1371/journal.pntd.0010865>

8. Jangra M, Travin DY, Aleksandrova EV, Kaur M, Darwish L, Koteva K, Klepacki D, Wang W, Tiffany M, Sokaribo A, Coombes BK, Vázquez-Laslop N, Polikanov YS, Mankin AS, Wright GD. A broad-spectrum lasso peptide antibiotic targeting the bacterial ribosome. Nature. 2025 Apr;640(8060):1022-1030. doi: 10.1038/s41586-025-08723-7. Epub 2025 Mar 26. PMID: 40140562.

9. Motta EDS, Alves ADR, Leon LAA, Silva JRS, Cerilo-Filho M, Gomes MDSM, Menezes RAO, Machado RLD, Cubel Garcia RCN. Human Parvovirus B19 infection in a *Plasmodium vivax* endemic area on the Brazil-French Guiana border. Acta Trop. 2025 Mar;263:107542. doi: 10.1016/j.actatropica.2025.107542. Epub 2025 Feb 3. PMID: 39909315.

10. Ramos RCF, Barbosa ADS, Aleixo ALQDC, Arruda IF, Amendoeira MRR. Comparison of immunological and molecular methods for laboratory diagnosis of ocular Toxoplasmosis in blood, serum and tears in Brazil. PLoS One. 2024 Feb 6;19(2):e0298393. doi: 10.1371/journal.pone.0298393. PMID: 38319921; PMCID: PMC10846737.

Niterói, 30 de maio de 2025.

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