



**ARTIGOS DA PROVA DA CHAMADA DE SELEÇÃO PÚBLICA  
de Candidatos ao Programa de Pós-Graduação *stricto sensu*  
em Biologia Celular e Molecular para o Mestrado – 2025B**

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- **ARTIGO 1 BIOLOGIA CELULAR**

Benedetti R, Di Crosta M, Gilardini Montani MS, D'Orazi G, Cirone M.

**Mutant p53 upregulates HDAC6 to resist ER stress and facilitates Ku70 deacetylation, which prevents its degradation and mitigates DNA damage in colon cancer cells.**

Cell Death Discov. 2025 Apr 10;11(1):162.

DOI: 10.1038/s41420-025-02433-9.

Disponível no link: <https://pmc.ncbi.nlm.nih.gov/articles/PMC11985993/>

- **ARTIGO 2 BIOLOGIA MOLECULAR**

Singh R, Chandel S, Ghosh A, Gautam A, Huson DH, Ravichandiran V, Ghosh D.

**Easy efficient HDR-based targeted knock-in in *Saccharomyces cerevisiae* genome using CRISPR-Cas9 system.**

Bioengineered. 2022 Jun;13(6):14857-14871.

DOI: 10.1080/21655979.2022.2162667.

Disponível no link: <https://pmc.ncbi.nlm.nih.gov/articles/PMC10109214/>

- **ARTIGO 3 FARMACOLOGIA**

Adão R, Barreira B, Paternoster E, Morales-Cano D, Olivencia MA, Quintana-Villamandos B, Rodríguez-Chiaradía DA, Cogolludo A, Perez-Vizcaino F.

**Vitamin D as an add-on therapy to phosphodiesterase-5 inhibitor in experimental pulmonary arterial hypertension.**

Am J Physiol Lung Cell Mol Physiol. 2025 Feb 1;328(2):L253-L259.

DOI: 10.1152/ajplung.00319.2024.

Disponível no link:

[https://journals.physiology.org/doi/full/10.1152/ajplung.00319.2024?rfr\\_dat=cr\\_pub++Opubmed&url\\_ver=Z39.88-2003&rfr\\_id=ori%3Arid%3Acrossref.org](https://journals.physiology.org/doi/full/10.1152/ajplung.00319.2024?rfr_dat=cr_pub++Opubmed&url_ver=Z39.88-2003&rfr_id=ori%3Arid%3Acrossref.org)

- **ARTIGO 4 IMUNOLOGIA**

Zhou L, Li Y, Zheng D, Zheng Y, Cui Y, Qin L, Tang Z, Peng D, Wu Q, Long Y, Yao Y, Wong N, Lau J, Li P.

**Bispecific CAR-T cells targeting FAP and GPC3 have the potential to treat hepatocellular carcinoma.**

Mol Ther Oncol. 2024 May 23;32(2):200817.

DOI: 10.1016/j.omton.2024.200817.

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