

ANA TEREZA RIBEIRO DE VASCONCELOS
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A. PROFESSIONAL PREPARATION

Universidade do Estado do Rio de Janeiro, UERJ, Brazil, B.S. Ciências Biológicas -1983
Universidade Federal do Rio de Janeiro, UFRJ, Brazil, M.S., Biofísica - 1995
Universidade Federal do Rio de Janeiro, Brazil, Ph.D., Genética – 2000
Texas University - MDAnderson Cancer Center, MD, USA, Biologia Computacional e Bioinformática - 2008

B. APPOINTMENTS

Full Researcher, National Laboratory of Scientific Computation LNCC, Brazil (1984-present)

C. PUBLICATIONS

Total Publications

***274 scientific papers, 01 book, 03 book chapters
05 softwares***

Selected Publications

Vasconcelos, Ana T; BRASILEIRO, Rede Genoma ; Simpson, A. J. G. ; VASCONCELOS, A. T. R. . The complete genome sequence of *Chromobacterium violaceum* reveals remarkable and exploitable bacterial adaptability. PNAS. Proceedings of the National Academy of Sciences of the United States of America, v. 100, n.20, p. 11660-11665, 2003.

Almeida, L. G. ; Sakabe, N. J. ; deOliveira, A. R. ; SILVA, M. C. C. ; MUNDSTEIN, A. S. ; Cohen, T. ; Chen, Y.-T. ; Chua, R. ; Gurung, S. ; Gnjatic, S. ; Jungbluth, A. A. ; Caballero, O. L. ; Bairoch, A. ; Kiesler, E. ; White, S. L. ; Simpson, A. J. G. ; Old, L. J. ; Camargo, A. A. ; VASCONCELOS, A. T. R. CTdatabase: a knowledge-base of high-throughput and curated data on cancer-testis antigens. Nucleic Acids Research, v. 37, p. D816-D819, 2009.

AGUIAR, RENATO S. ; POHL, FABIO ; MORAIS, GUILHERME L. ; NOGUEIRA, FABIO C. S. ; CARVALHO, JOSEANE B. ; GUIDA, LETÍCIA ; ARGE, LUIS W. P. ; MELO, ADRIANA ; MOREIRA, MARIA E. L. ; CUNHA, DANIELA P. ; GOMES, LEONARDO ; PORTARI, ELYZABETH A. ; VELASQUEZ, ERIKA ; MELANI, RAFAEL D. ; PEZZUTO, PAULA ; DE CASTRO, FERNANDA L. ; GEDDES, VICTOR E. V. ; GERBER, ALEXANDRA L. ; AZEVEDO, GIRLENE S. ; VASCONCELOS, A. T. R. . Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. Science Signaling, v. 13, p. eaay6736, 2020.

FRANCISCO JUNIOR, RONALDO DA SILVA ; TEMEROZO, JAIRO R. ; FERREIRA, CRISTINA DOS SANTOS ; MARTINS, YASMMIN ; SOUZA, THIAGO MORENO L. ; MEDINA-ACOSTA, ENRIQUE ; VASCONCELOS, ANA TEREZA

RIBEIRO DE . Differential haplotype expression in class I MHC genes during SARS-CoV-2 infection of human lung cell lines. *Frontiers in Immunology*, v. 13, p. 1, 2023.

TERRA MACHADO, DOUGLAS ; BERNARDES BRUSTOLINI, OTÁVIO JOSÉ ; DOS SANTOS CORRÊA, ELLEN ; RIBEIRO VASCONCELOS, ANA TEREZA . Prediction of sporulating Firmicutes from uncultured gut microbiota using SpoMAG, an ensemble learning tool. *PeerJ*, v. 13, p. e20232, 2025.

Researcher ID: <https://www.webofscience.com/wos/author/record/126418>

ORCID: <https://orcid.org/0000-0002-4632-2086>

Google Scholar: https://scholar.google.com.br/citations?user=o_DRd5oAAAAJ&hl=pt-BR

D. SYNERGISTIC ACTIVITIES

Full member of the Brazilian Academy of Science – 2022 – present

Board Sociedade Brasileira para Progresso de Ciências - SBPC– 2020 – present

Scientist from the State of Rio de Janeiro -2012- present

Researcher 1A of CNPq

Fellow International Society for Computational Biology, (ISCB).

Member The World Academy of Sciences (TWAS)

E. STUDENT AND POST-DOCTORAL MENTORING

23 M.Sc. students, 11 Ph.D. students and 42 post-doctoral fellows advised.

F. RESEARCH FUNDING

09 ongoing projects (FINEP, CNPq and FAPERJ), 73 finished projects.