



Prof. Alex Gutterres Taranto

Laboratory of Pharmaceutical Medicinal Chemistry
Universidade Federal de São João Del-Rei (UFSJ), Avenida Sebastião Gonçalves Coelho, 400,
Chanadour, CEP: 35501-295, Divinópolis, MG, Brazil
Email: proftaranto@hotmail.com

Qualifications

2009, Postdoctoral, International Center for Science and High Technology, ICS -UNIDO, Italy
2006, Postdoctoral, University of Mississippi, Olemiss, Oxford, United States
2003, PhD, Organic Chemistry, Federal Fluminense University, UFF, Niteroi, Brazil
1999, M.S., Organic Chemistry Federal Fluminense University, UFF, Niteroi, Brazil
1997, B.S., Industrial Pharmacy Federal Fluminense University, UFF, Niteroi, Brazil

Overview

My research focus is the development of new drugs using Computer Aided-Drug Design (CADD) methodologies. I have experience with Gaussian, Amber, Autodock Vina, Dock6, Mopac, Discovery Studio packages and Glide. These softwares are able to perform mechanic quantum calculations, docking, comparative homology modeling, molecular dynamics simulations, virtual screening and quantitative structure-activity relationship (QSAR). In addition, I have experience in Python and Shell Scripting Programming Languages.

Profile Details

<http://lattes.cnpq.br/4759006674013596>

Last publications

2020: Journal of Chemical Information and Modeling - doi: 10.1021/acs.jcim.9b00809
2020: ACS Omega - doi: 10.1021/acsomega.9b04403
2020: JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS - doi: 10.1080/07391102.2020.1763837
2020: Frontiers in Chemistry - doi: 10.3389/fchem.2020.00343
2020: INFECTION GENETICS AND EVOLUTION - doi: 10.1016/j.meegid.2020.104473
2020: Future Medicinal Chemistry - doi: 10.4155/fmc-2020-0229
2019: Journal of Chemical Information and Modeling - doi: 10.1021/acs.jcim.9b00933
2019: Archives of Virology - doi: 10.1007/s00705-019-04377-9
2019: Memórias do Instituto Oswaldo Cruz - doi: 10.1590/0074-02760180465
2018: J. of Enz. Inhibition and Medicinal Chemistry - doi: 10.1080/14756366.2017.1380637
2018: Archives of Virology - doi: 10.1007/s00705-018-3774-1
2018: Oxidative Medicine and Cellular Longevity - doi: 10.1155/2018/2189348
2018: Biomedicine & Pharmacotherapy - doi: 10.1016/j.biopha.2017.10.128
2018: Medicinal Chemistry Research - doi: 10.1007/s00044-018-2244-3
2018: Biomedicine & Pharmacotherapy - doi: 10.1016/j.biopha.2018.08.028