

Victor Hugo Catricala Fernandes



PERSONAL INFORMATION

Address: Faculty of Pharmaceutical Sciences of Ribeirão Preto - University of São Paulo

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DESIRED POSITION

Internship in medicinal chemistry focus in anticancer activity.

ACADEMIC/PROFESSIONAL EXPERIENCE

Since 04/2021:

PhD candidate under the supervision of Prof. Dr. Giuliano C. Clososki at the Faculty of Pharmaceutical Sciences of Ribeirão Preto, University of São Paulo, Brazil. - FAPESP Fellowship (2022-2025).

Project: Rational design and synthesis of new indolizines of synthetic and medicinal interest.

03/2020 – 03/2021:

Chemistry teacher in High school and technical education at ETEC Barretos, Brazil.

02/2018 – 03/2020:

Master degree studies under the supervision of Prof. Dr. Giuliano C. Clososki at the Faculty of Philosophy, Sciences and Letters of Ribeirão Preto, University of São Paulo, Brazil. – CAPES Fellowship (2018-2020)

Project: Direct functionalization of substituted quinoxaline to obtain new bioactive substances.

01/2017 – 07/2017

Internship at Federal University of Alfenas, performing analysis of NMR and X-ray diffraction (Powder).

2013 – 2018

Bachelor in Chemistry at Chemistry Institute, Federal University of Alfenas, Brazil - FAPEMIG Fellowship (2015-2018).

Project: Photocyclization of Tagitinin C: experimental and theoretical evaluation.

PUBLICATIONS

Gonçalves-santos, Elda; Vilas-Boas, Diego F. ; Diniz, Livia F. ; Veloso, Marcia P. ; Mazzeti, Ana L. ; Rodrigues, Maria R. ; Oliveira, Carla M. ; Fernandes, Victor Hugo C. ; Novaes, Rômulo D. ; Chagas-Paula, Daniela A. ; Caldas, Ivo S. *Sesquiterpene lactone potentiates the immunomodulatory, antiparasitic and cardioprotective effects on anti-trypanosoma cruzi specific chemotherapy.* International immunopharmacology, v. 77, p. 105961, **2019**. DOI: 10.1016/j.intimp.2019.105961

Fernandes, Victor Hugo Catricala; Viera, Natalie De Barros; Zanini, Luiza Beatriz Lima; Silva, Aline De Fátima; Salem, Paula Pio De Oliveira; Soares, Marisi Gomes; Nicácio, Karen De Jesus; Paula, Ana Claudia Chagas; Virtuoso, Luciano Sindra; Oliveira, Tiago Branquinho; Silva, Eliane De Oliveira; Dias, Danielle Ferreira; Chagas-Paula, Daniela Aparecida. *Fast and Efficient Method to Obtain Tagitinin F by Photocyclization of Tagitinin C.* Photochemistry and Photobiology, v. 96, p. 14-20, 2019. DOI: 10.1111/php.13148

RECENT CONFERENCES/PRESENTATIONS

Catricala-Fernandes, V. H.; Silva, G. ; Leopoldino, A. M. ; Clososki, G. C. *Rational design and synthesis of new indolizines with synthetic and medicinal interest.* **2022**. Poster at the 18th Brazilian Meeting on Organic Synthesis, Tiradentes - Brazil:

PERSONAL INTERESTS

Travelling, wine and food, swimming, books and Movie Theater.

SUPERVISOR INFORMATION

Prof. Dr. Giuliano Cesar Clososki
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