

# ARCHIVES IN BIOSCIENCES & HEALTH

ISSN 2674-6832

**v. 1 i. 2 jul./dec. 2019**

© 2019 Editora Unoesc

Rights of this issue reserved to Editora Unoesc

The total or partial reproduction of this journal is forbidden, by any forms or any means, without the express permission of the Publisher.

Rua Getúlio Vargas, 2125, Bairro Flor da Serra, 89600-000 – Joaçaba – Santa Catarina, Brasil  
Phone number: (55) (49) 3551-2065 – editora@unoesc.edu.br

Internacional Cataloguing-in-Publication (CIP) Data

A673 Archives in Biociencias & Health / Universidade do Oeste  
de Santa Catarina. – Vol. 1, n. 1 (jan./jun. 2019). –  
Joaçaba : Editora Unoesc, 2019-  
  
Semiannual  
ISSN on-line 2674-6832  
DOI  
  
1. Life sciences. 2. Health. I. Universidade do Oeste  
de Santa Catarina.

CDD 570

Catalographic card drafted by Biblioteca Universitária – Campus Joaçaba

**Editora Unoesc**

**Coordination of Editora Unoesc**

Tiago de Matia

Administrative Agent: Caren Scalabrin

Methodological revision: Bianca Regina Paganini

Cover: Daniely Terao Guedes

Design: Saimon Vasconcellos Guedes

Diagramaion: Simon Vasconcellos Guedes, Simone Dal Moro

**Editor-in-chief**

PhD. Francine Carla Cadoná

**Assistant Editor**

PhD. Jovani Antônio Steffani

Linguistic revision is the authors' responsibility

## International Editorial Board

- PhD. Antonio José Silva, Universidade de Tras-os-Montes e Alto Douro, Portugal  
PhD. César Rodrigo Vargas Vitoria, Universidad Católica del Maule, Chile  
PhD. David Rodríguez Ruiz, Universidad de Las Palmas de Gran Canaria, Spain  
PhD. Edgar Ismael Alarcón Meza, Universidad Autónoma de Baja California, Mexico  
PhD. Frederico Omar Gleber-Netto, MD Anderson Cancer Center, United States  
PhD. Gabriel Gastélum Cuadras, Universidad Autónoma de Chihuahua, Mexico  
PhD. Gianluca Bianco, Università La Sapienza, Italy  
PhD. Giuseppe Messina, Università degli Studi di Palermo, Italy  
PhD. Goran Sporiš, University of Zagreb, Croatia  
PhD. Guilherme Bresciani, Pontificia Universidad Católica de Valparaíso, Chile  
PhD. Hércules Moura, Centers for Disease Control and Prevention (CDC), United States  
PhD. Javier Arturo Hall Lopez, Universidad Autónoma de Baja California, Mexico  
PhD. Jesús Astolfo Romero García, Universidad Santo Tomás, Colombia  
PhD. Jorge Flandez, Universidad Austral de Chile, Chile  
PhD. Jose Luis Mauriz Gutiérrez, Universidad de León, Spain  
PhD. José Rafael Prado Pérez, Universidad de los Andes, Venezuela  
PhD. Juan Antonio Moreno Murcia, Universidad Miguel Hernández de Elche, Spain  
PhD. Juan Manuel García Manso, Universidad de Las Palmas de Gran Canaria, Spain  
PhD. Luis Mario Gomez Miranda, Universidad Autónoma de Baja California, Mexico  
PhD. Nuno Batalha, Universidade de Évora, Portugal  
PhD. Oscar Fabian Rubiano Espinosa, Universidad Manuela Beltrán, Colombia  
PhD. Pablo Jorge Marcos Pardo, Universidad Católica San Antonio de Murcia, Spain  
PhD. Pablo Souto, Universidad de Buenos Aires, Argentina  
PhD. Raúl Maneyro, Universidad de la República, Uruguay  
PhD. Toshiro Aigaki, Tokyo Metropolitan University, Japan  
PhD. Vitor Lira, University of IOWA, United States  
PhD. Andreia Fernandes Jorge, Universidade de Coimbra, Portugal  
PhD. Anita Höekelmann, Institute of Sport Science, Otto-von-Guericke-University, Germany  
PhD. Carolina Vergara LLanos, Universidad Austral de Chile, Chile  
PhD. Elisa Landucci, Università di Firenze, Italy  
PhD. Elisabetta Gerace, Università di Firenze, Italy  
PhD. Estefania Prentki, Universidad de Buenos Aires, Argentina  
PhD. Gemma María Gea García, Universidad Católica San Antonio de Murcia, Spain  
PhD. Kathrin Rehfeld, Institute of Sport Science, Otto-von-Guericke-University, Germany  
PhD. Miriam Esther Quiroga Escudero, Universidad de Las Palmas de Gran Canaria, Spain  
PhD. Paulina Yesica Ochoa Martínez, Universidad Autónoma de Baja California, Mexico  
PhD. Sarah Decker, University Medical Center Freiburg, Germany  
PhD. Silvia Regina Rogatto, Institute of Regional Health Research e University of Southern Denmark, Denmark  
MSc. Abbi Wu, University of Toronto, Canada  
MSc. Ana Paula dos Santos Carvalho, University of Florida, United States  
MSc. Angela Duong, University of Toronto, Canada  
MSc. David Bodenstein, University of Toronto, Canada  
MSc. Hyunjin Jeong, University of Toronto, Canada  
MSc. Jorge Luis Petro Soto, Universidad de Córdoba, Colombia  
MSc. Monica Sencio Paes, President of Wise Fingerprint, United States

## National Editorial Board

- PhD. Alencar Kolinski Machado, Centro Universitário Franciscano/Universidade Franciscana, Brazil  
PhD. Antonio Carlos Gomes, Academia Brasileira de Treinadores do COB (ABT-COB), Brazil  
PhD. Antuani Rafael Baptistella, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Bruno Rodolfo Schlemper Junior, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Carlos Pernambuco, Universidade Estado de São, Brazil  
PhD. César Augusto de Souza Santos, Universidade do Estado do Pará, Brazil  
PhD. Cyrus Villas-Boas, Universidade de São Paulo, Brazil  
PhD. Daniel Fernandes Martins, Universidade do Sul de Santa Catarina, Brazil  
PhD. Diego de Carvalho, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Edson Antonio Tanhoffer, Universidade Federal do Paraná, Brazil  
PhD. Elcio Luiz Bonamigo, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Estélio Henrique Martin Dantas, Universidade Tiradentes, Brazil  
PhD. Fernando Hellmann, Universidade Federal de Santa Catarina, Brazil  
PhD. Fernando Rosado Spilki, Universidade Feevale, Brazil  
PhD. Glauber Wagner, Universidade Federal de Santa Catarina, Brazil  
PhD. Guilherme Rosa, Universidade Castelo Branco, Brazil  
PhD. José Carlos Ferreira Reis, Universidade do Estado do Rio de Janeiro, Brazil  
PhD. Julio César de Moura Leite, Pontifícia Universidade Católica do Paraná, Brazil  
PhD. Luis Paulo Mascarenhas, Universidade Estadual do Centro-Oeste, Brazil  
PhD. Marco Aurélio Echart Montano, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Marcos Vinícios Salles Dias, Hospital A.C. Camargo Cancer Center, Brazil  
PhD. Mario Cezar de Souza Costa Conceição, Universidade do Estado do Rio de Janeiro, Brazil  
PhD. Maurício Rocha Calomeni, Universidade Federal do Rio de Janeiro, Brazil  
PhD. Paulo Sérgio Bernarde, Universidade Federal do Acre, Brazil  
PhD. Renato S. Bérnils, Universidade Federal do Espírito Santo, Brazil  
PhD. Rodrigo Gomes de Souza Vale, Universidade do Estado do Rio de Janeiro, Brazil  
PhD. Rodrigo Staggemeier, Universidade Feevale, Brazil  
PhD. Rudy José Nodari Júnior, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Tiago Góss dos Santos, Hospital A. C. Camargo Cancer Center, Brazil  
PhD. Aline Pertile Remor, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Andréa Carmen Guimarães, Universidade Federal de São João do Rei, Brazil  
PhD. Andréia Vecchia, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Bruna Roz Rodrigues, Universidade Federal de São Paulo, Brazil  
PhD. Carina Rossoni, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Claudia Sallai, Universidade Federal do Paraná, Brazil  
PhD. Claudriana Locatelli, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Débora da Luz Scheffer, Universidade Federal de Santa Catarina, Brazil  
PhD. Fabiana Meneghetti Dallacosta, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Fabiana Schuelter Trevisol, Universidade do Sul de Santa Catarina, Brazil  
PhD. Fernanda Maurer D'Agostini, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Gabriela Pintar de Oliveira, Hospital A. C. Camargo Cancer Center, Brazil  
PhD. Grasieli de Oliveira Ramos, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Leidiane Mazzardo Martins, Universidade Federal de Santa Catarina, Brazil  
PhD. Livia Maria Armentano Koenigstein Zago, Universidade de São Paulo, Brazil  
PhD. Lize Cappellari, Universidade da Região da Campanha, Brazil  
PhD. Ludmilla Thomé Domingos Chinen, Hospital A. C. Camargo Cancer Center, Brazil  
PhD. Márcia Aurelina de Oliveira Alves, Universidade Federal da Bahia, Brazil  
PhD. Maria Dirlei Ferreira de Souza Begnami, Hospital A. C. Camargo Cancer Center e Fundação Antônio Prudente, Brazil  
PhD. Mariana Appel Hort, Universidade Federal de Rio Grande, Brazil  
PhD. Michele Christine Landemberger, Universidade Paulista e Hospital A. C. Camargo Cancer Center, Brazil  
PhD. Michele Rorato Sagrillo, Universidade Franciscana/Centro Universitário Franciscano, Brazil  
PhD. Noeli Zanella, Universidade de Passo Fundo, Brazil  
PhD. Paula Paraguassú Brandão, Centro Universitário Celso Lisboa, Brazil  
PhD. Renata Campos, Universidade do Contestado, Brazil  
PhD. Roberta de Paula Martins, Universidade Federal de Santa Catarina, Brazil  
PhD. Sirlei Favero Cetolin, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Valéria Silvana Faganello Madureira, Universidade da Fronteira Sul, Brazil  
PhD. Vilma Beltrame, Universidade do Oeste de Santa Catarina, Brazil  
PhD. Viviane Glaser, Universidade Federal de Santa Catarina, Brazil  
PhD. Andreia Henzel, Universidade Feevale, Brazil  
MSc. Ben Hur Soares, Universidade de Passo Fundo, Brazil  
MSc. Brisa D' Louar Costa Maia, Universidade Federal do São João do Rei, Brazil  
MSc. Elisabeth Baretta, Universidade do Oeste de Santa Catarina, Brazil  
MSc. Leoberto Ricardo Grigollo, Universidade do Oeste de Santa Catarina, Brazil  
MSc. Rosana Dias de Oliveira, Universidade Estácio de Sá, Brazil

## SUMÁRIO

EDITORIAL.....	155
RELATIONSHIP BETWEEN THE ALLOY FREQUENCY OF THE T102C POLYMORPHISM OF THE 5HT2A GENE WITH ANTHROPOMETRIC AND CARDIOMETABOLIC MEASURES.....	157
Mallmanna BLK, Tonini CRA, Vidigal TMA, Chielle EO	
TOXICOLOGICAL PROFILE AND BLOOD ALCOHOL CONTENT OF SUICIDE VICTIMS IN THE FAR WEST OF SANTA CATARINA.....	171
Chielle EO, Genz F, Petter A	
A NEW METHODOLOGY FOR DIAGNOSIS OF FANCONI ANEMIA BASED ON BIOLOGICAL DOSIMETRY.....	189
Amaral A, De Lima SC, Silva LMB, Lemos-Pinto M, Lucena LRF, Marques-Salles T, Silva EB, Magnata SP	
DEPRESSION IN MASTECTOMIZED WOMEN: A BRIEF REPORT.....	201
Silva CCMS, Ferreira GM, Maia EC, Oliveira LM, Carmo HMF	

