AN INTERNATIONAL FORUM FOR THE RAPID PUBLICATION OF ORIGINAL SCIENTIFIC ARTICLES DEALING WITH SCIENCES AND RELATED INTERDISCIPLINARY AREAS

ER N

UF

JOURNA

SCIENS

VOLUME THIRTY-TWO, NUMBER THIRTY-SEVEN ISSN: 2764-5967 - E-ISSN: 2764-5959 JUNE- 2024

SOUTHERN JOURNAL OF SCIENCES

ISSN: 2764-5967

Volume 32

Number 37

E-ISSN: 2764-5959

2024

Dados Internacionais de Catalogação na Publicação (CIP)

S727	Southerm Journal of Sciences [recurso eletrônico] : interdisciplinary path for scientific divulgation / Araucária Associação Científica – (Fev. 2022). – Dados eletrônicos. – Nova Prata. : Araucária Associação Científica, 2024
	Semestral Recurso on-line Descrição baseada em: Vol. 30, n. 33 (JUN. 2022) Formerly known as: Southern Brazilian Journal of Chemistry Modo de acesso: < https://sjofsciences.com>. E-ISSN: 2764-5959 ISSN: 2764-5967
	1. Química. 2. Física. 3. Biologia. 4. Ciências Naturais. 5. Farmacologia. 6. Ciências exatas. 7. Ciências aplicadas. 8. Ciências. I. Dr. D. Scientific Consulting.
	UDC 001

Bibliotecário Responsável Ednei de Freitas Silveira CRB 10/1262

Journal E-mail: southbchem@gmail.com

SOUTHERN JOURNAL OF SCIENCES

ISSN: 2764-5967

Volume 32

Number 37

E-ISSN: 2764-5959

2024

Editorial Board

Editor-in-Chief

• Walter José Peláez, Ph.D., <u>walter.pelaez@unc.edu.ar</u>, Argentina, UNC.

Assistant Editors

- Ketevan Kupatadze, Ph.D., ketevan kupatadze@iliauni.edu, Georgia, ISU.
- Shaima R. Banoon, MsC., <u>shimarb@uomisan.edu.iq</u>, Iraq, University of Misan.
- Cristián Andrés Quintero, Ph.D., <u>cquintero@umaza.edu.ar</u>, Argentina, Universidad Juan Agustín Maza.
- Aline Maria dos Santos, PhD., aline.santos@ifrj.edu.br Brazil, IFRJ.
- Cristiane de Souza Siqueira Pereira, PhD., <u>cristiane.pereira@universidadedevassouras.edu.br</u> Brazil, Universidade de Vassouras.

Scientific Council

- Teresa M. Roseiro Maria Estronca, Ph.D., troseiro@ci.uc.pt, UC, Portugal.
- Rafael Rodrigues de Oliveira, Ph.D., rafa_rdo@yahoo.com.br, Neoprospecta, Brazil.
- Marcos Antônio Klunk, Ph.D., marcosak@edu.unisinos.br, UNISINOS, Brazil.
- Francisco José Santos Lima, Ph.D., limafis@yahoo.com, UFRN, Brazil.
- Monica Regina da Costa Marques, Ph.D., <u>mmarquesrj@gmail.com</u>, UERJ, Brazil.
- Rodrigo Brambilla, Ph.D., kigobrambilla@gmail.com, UFRGS, Brazil.
- Gabriel Rubensam, Me., rubensam quimico@hotmail.com, PUCRS, Brazil.
- Andrian Saputra, Ph.D., <u>andriansaputra@fkip.unila.ac.id</u>, University of Lampung, Indonesia.
- Zhanar Zhumadilova, Ph.D., zhanar 85@mail.ru, Satbayev University, Kazakhstan.
- Roberto Fernandez, Ph.D., <u>rfernandezm@unicartagena.edu.co</u>, Universidad de Cartagena, Colombia.
- Andrey Vladimirovich Sevbitov, Ph.D., <u>avsevbitov@mail.ru</u>, I. M. Sechenov First Moscow State Medical University, Russian Federation.
- Jorge Fernando Silva de Menezes, Ph.D., jorge_fernando@ufrb.edu.br, UFRB, Brazil.
- Paulo Sergio Souza, Ph.D., Brazil, <u>paulosergio@fosorio.g12.br</u>, Brazil, Fundação Osorio.
- Alessandra Deise Sebben, PhD., adsebben@gmail.com, Brazil
- Fredy Hernán Martínez Sarmiento, PhD., <u>fhmartinezs@udistrital.edu.co</u>, UD-FJC, Colombia.

- Fabiana de Carvalho Fim, PhD., <u>fabianafim@ct.ufpb.br</u>, UFPB, Brazil.
- Flavia Maria Pompeia Cavalcanti, MsC., <u>flaviamaria@upf.br</u>, Brazil, UPF.
- Gustavo Guthmann Pesenatto, MD., <u>gustavoggp@gmail.com</u>, Primary Health Care, Brazil.
- Fábio Herrmann, MD., <u>fabioherrmannfh@gmail.com</u>, Santa Casa de Misericórdia de Porto Alegre Hospital, Brazil.
- Marco Antonio Smiderle Gelain, MD., <u>marco gelain@hotmail.com</u>, Dante Pazzanese Cardiology Institute, São Paulo - Brazil.
- Rene Francisco Boschi Gonçalves, Ph.D., <u>renefbg@gmail.com</u>, Technological Institute of Aeronautics - ITA, Brazil.
- Élcio J. de Oliveira, Ph.D., Kvantum Technology & Innovation, São Paulo, Brazil.
- Ademir Oliveira da Silva, Ph.D., <u>aosquimica@gmail.com</u>, Federal University of Rio Grande do Norte - UFRN, Brazil.
- Francisco José Santos Lima, Ph.D., <u>limafjs@yahoo.com</u>, Federal University of Rio Grande do Norte UFRN, Brazil.
- Anton Timoshin, Ph.D., <u>anton-timoshin007@yandex.ru</u>, I. M. Sechenov First Moscow State Medical University, Russian Federation.
- Intisar Razzaq Sharba, Ph.D., intisar.sharba@uokufa.edu.iq, University of Kufa, Iraq.
- Paulo Roberto Barros Gomes, Ph.D., <u>prbgomes@yahoo.com.br</u>, Federal Institute of Technical Education of Pará - IFPA, Brazil.
- Dra. Elizabeth Laura Moyano, Ph.D., <u>e.laura.moyano@unc.edu.ar</u>, INFIQC-CONICET-Universidad Nacional de Córdoba, Argentina.
- Dra. Ana Graciela Iriarte, Ph.D., <u>airiarte@unc.edu.ar</u>, INFIQC-CONICET-Universidad Nacional de Córdoba, Argentina.
- Ingrid Grazielle Sousa, M.sc., <u>indi.sousa@gmail.com</u>, Ph.D. candidate at Unicamp, Brazil.
- Nicholas Karasavvidis M. Sc., <u>nick.kara014@gmail.com</u>, University of Sydney, Australia.

General Secretary

• Luis Alcides Brandini De Boni, Ph.D., labdeboni@gmail.com, Brazil, TQG;

SOUTHERN JOURNAL OF SCIENCES

ISSN: 2764-5959 (Online) ISSN: 2764-5967 (Print)

DOI: 10.48141/2764-5959 Digital preservation: Portico

> Former Southern Brazilian Journal of Chemistry Former E-ISSN 2674-6891 Former ISSN 0104-5431

Available at https://sjofsciences.com

Mission

The **SOUTHERN JOURNAL OF SCIENCES** is a double-blind peer review, open access, **multidisciplinary** Journal dedicated to publishing high-quality content and is intended to fill a gap in terms of scientific information for Southern Brazil. We have set high standards for the articles to be published by ensuring strong but fair refereeing by at least two reviewers. The Journal publishes original research articles in all the fields of Engineering, Mathematics, physics, Chemistry, Biology, Agriculture, Natural resource management, Pharmacy, Medicine, and others.

Occasionally the Journal will include review papers, interviews, and other types of communications. It will be published mainly in English, and at present, there are no page charges.

We hope this Journal will provide a forum for disseminating high-quality research in Science and are open to any questions and suggestions.

The responsibility for the articles is exclusive to the authors.

Subjects List UDC 001

Correspondências

Av. Carlos Tarasconi, 281/202. Bairro Sagrada Familia. CEP: 95320-000 Nova Prata – RS. Brasil. www.sjofsciences.com southbchem@gmail.com

INDEX OF THE ISSUE NUMBER 37

ISSN: 2764-5967

E-ISSN: 2764-5959

Volume 32

2024

1. Interview	2. Interview
Dr. Peter Andrew McCullough	Dr. Miguel Fornes
USA	Argentina
UNRAVELING THE COMPLEXITIES OF CARDIOVASCULAR MEDICINE: A CONVERSATION WITH DR. PETER MCCULLOUGH	THE ROLE OF THE MEDITERRANEAN DIET IN PREVENTING MALE INFERTILITY: AN INTERVIEW WITH DR. MIGUEL FORNES
(EXTENDED EN-US VERSION)	(US-EN VERSION)
Pg. 01	Pg. 11
3. Interview	4. Interview
Dr. Bhavna Ambudkar	Dr. José de Ribamar Oliveira Filho
India	Brazil
THE ROLE OF EDUCATION IN FOSTERING ENTREPRENEURSHIP AND INNOVATION: INSIGHTS FROM DR. BHAVNA AMBUDKAR	SUSTAINABILITY, INNOVATION, AND INTEGRATION: PROFESSOR RIBAMAR'S VISION FOR BRAZIL'S CHEMISTRY PROFESSION
(US-EN VERSION)	(US-EN VERSION)
Pg. 19	Pg. 33
5. Original research	6. Conference invitation
MALIK MOHAMMED, Haider, and SAYAL, Raad Ajam	
Iraq	Argentina/Brazil
EVALUATION OF TNF-A CONCENTRATION LEVEL IN PATIENTS INFECTED WITH HYDATID CYSTS IN AL-NAJAF HOSPITALS	II Southern Science Conference - 2024
Pg. 49	Pg. 57

Dear Readers,

I am pleased to present this special issue of the Southern Journal of Sciences, devoted to celebrating the Second Southern Science Conference. This prestigious event will be held in the beautiful city of Mendoza, Argentina, from November 7th to 9th, 2024.

To commemorate this exciting conference, we have put together a collection of interviews with the esteemed speakers and invited guests who will be sharing their expertise and insights. Through these interviews, we aim to provide our readers with a glimpse into the cutting-edge research and discoveries that will be presented at the conference. We have entrusted our amateur reporter with conducting the interviews for this special issue, and we will continue to rely on his enthusiasm and dedication until a more experienced candidate emerges.

The Second Southern Science Conference promises to be a platform for scientific exchange, collaboration, and networking among researchers, academics, and industry professionals from across the southern hemisphere and beyond. Mendoza, known for its stunning landscapes, rich culture, and renowned wine production, will serve as the perfect backdrop for this gathering of brilliant minds.

We hope that this special issue will not only generate enthusiasm for the upcoming conference but also inspire and inform our readers about the latest advancements in various scientific fields. We extend our gratitude to all the speakers and invited guests who took the time to share their thoughts and experiences with us.

As always, we at the Southern Journal of Sciences remain committed to delivering high-quality, peer-reviewed content to our readers. We look forward to your continued support and engagement as we strive to promote scientific excellence and foster international collaboration. Sincerely,

Walter José Peláez, Ph.D., walter.pelaez@unc.edu.ar, Argentina, UNC. Editor-in-Chief Southern Journal of Sciences

