



II MEVITIH International Congress

Healthcare innovations for evidence-based clinical practice

NOVEMBER 6-8, 2024

CONGRESS PROGRAM



Joint Congress on Mechanical Vibration and Technological Innovations in Health

SIMULTANEOUS TRANSLATION WILL BE AVAILABLE

Registrations:

<https://www.cepuerj.uerj.br/cursos2.php?tipo=eventos&curso=S00081&ano=2024>

Further information:

<https://vibmecbio.com/congress/>

Target audience: healthcare professionals and students

Avenida Marechal Rondon, 381 - São Francisco Xavier - Rio de Janeiro - RJ - Brazil



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November 6-8, 2024

**The 2nd Joint Congress on Mechanical Vibration and Technological
Innovations in Health
(MEVITIH-2024)**

Chairman – Danúbia de Sá-Caputo, Brazil
Co-Chairman – Redha Tair, France

**The 3rd Congress of the Brazilian Association of Mechanical Vibration in
Biosciences (VIBMECBIO-2024)**

Chairman – Mário Bernardo-Filho, Brazil
Co-Chairman – François Constant, France

**The 3rd International Congress on Technological Innovations in Health
(ICTIH-2024)**

Chairman – Anelise Souza, Brazil
Co-Chairman – Adérito Seixas, Portugal

Estimated audience: 150 people (in person) and 300 people (live broadcast). Hybrid event.

Scope of the event: International (simultaneous translation will be available).

Location of the Congress: *Auditório Rubens Tosta Gabetto, no Centro de Estudos Luiz Miguel da Silva, at Policlínica Universitária Piquet Carneiro, located on Avenida Marechal Rondon 381, São Francisco Xavier, Rio de Janeiro, RJ, Brazil.*

Organization: *Laboratório de Vibrações Mecânicas e Práticas Integrativas (LAVIMPI), do Departamento de Biofísica e Biometria, do Instituto de Biologia Roberto Alcântara Gomes, located at Policlínica Universitária Piquet Carneiro, State University of Rio de Janeiro.*

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Rogério Bosignoli, Rio de Janeiro State University, RJ, Brazil

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Ana Gabriellie Valério Penha, State University of Rio de Janeiro, RJ, Brazil

Coordination of Areas Groups

Coordinator of National Areas Groups

Fernanda Henriques da Silva, State University of Rio de Janeiro, RJ, Brazil

Coordinator of International Areas Groups

Mario Bernardo-Filho, State University of Rio de Janeiro, RJ, Brazil

Congress application

Until 8/10/2024

Professional, VIBMECBIO non-member – R\$ 420.00

Professional, VIBMECBIO member – R\$ 250.00

Student (undergraduate and postgraduate), VIBMECBIO non-member – R\$ 250.00

Student (undergraduate and postgraduate), VIBMECBIO member – R\$ 150.00

Postdoctoral student, VIBMECBIO non-member - R\$ 300.00

Postdoctoral student, VIBMECBIO member - R\$ 200.00

From 8/11/2024 to 10/4/2024

Professional, VIBMECBIO non-member – R\$ 480.00

Professional, VIBMECBIO member – R\$ 300.00

Student (undergraduate and postgraduate), VIBMECBIO non-member – R\$ 300.00

Student (undergraduate and postgraduate), VIBMECBIO member – R\$ 200.00

Postdoctoral student, VIBMECBIO non-member - R\$ 350.00

Postdoctoral student, VIBMECBIO member - R\$ 250.00

From 10/5/2024 until the date of the congress

Professional, VIBMECBIO non-member – R\$ 550.00

Professional, VIBMECBIO member – R\$ 400.00

Student (undergraduate and postgraduate), VIBMECBIO non-member – R\$ 350.00

Student (undergraduate and postgraduate), VIBMECBIO member – R\$ 250.00

Postdoctoral student, VIBMECBIO non-member - R\$ 370.00

Postdoctoral student, VIBMECBIO member - R\$ 290.00

***Discounts for groups of application in the same batch at the same time (10 applications -10% discount; 20 applications -15% discount). Group applications will be accepted until 10/29/2024.**

****Group applications via email: extensao@cepuerj.uerj.br**

***** Student and membership certificates (VIBMECBIO) will be verified at the time of attendance.**

****** Workshop applications by email: 2024mevitih@gmail.com**

Abstract submission

Abstracts must be written in English according to current written language standards;

The abstracts submitted must consist of original works in progress or completed as: scientific abstracts, case reports, or experience reports;

Presentations consisting of literature revision or uninitiated projects will not be accepted;

The title must contain no more than 200 characters;

The main author must be listed as first author. The academic supervisor must be listed as the last author. All authors cited in the abstract must be registered in MEVITIH-2024;

Each registration allows the submission of up to two (2) abstracts, in which the applicant author must be an author or co-author. The same author may be co-authors of other abstracts. The limit of authors per abstract is ten (10). The deadline for abstract submission is **August 16, 2024**;

Subject areas: Focal and systemic mechanical vibration, integrative and complementary practices, palliative care, regenerative therapy, technological innovation in diagnosis and therapy, technological innovation in surgical practices, translational research, and others related to the health area.

Submission through the email: abstractsmevitih2024@gmail.com

Further information:

<https://vibmecbio.com/submisson/>

CONGRESS PROGRAM

November 6, 2024

9am – Application/Accreditation

9:30 am – 11:30 am – Pre-congress workshops

*Limited places. For those registered at the congress, the cost for participation in the chosen workshop will be R\$50.00. For those not registered at the congress, the cost will be R\$150.00.

Registrations for the Workshop by email: 2024mevitih@gmail.com

Workshop 1 – Practice involving systemic vibratory therapy – Prof. Dr. Danúbia da Cunha de Sá Caputo; Prof. MSc. Marcia Cristina Moura Fernandes; Prof. MSc. Ana Carolina Coelho

Workshop 2 – Practice on the use of transcranial stimulation – Prof. Dr. Egas Caparelli Dáquer

Workshop 3 – How to set up your Biobank – Prof. Dr. Diego Pinheiro Aguiar

Workshop 4 – Check your motion as a functionality assessment tool – Prof. MSc. Samuel Brandão

1pm – Opening ceremony

1:30 pm – Master Lecture - Evolution of science in the Brazilian scenario

Prof. Dr. Eliete Bouskela

**2pm – Presentation by the UERJ Choir
Opening cocktail**

3:30 pm – Round-table 1: Technological innovations in osteoarticular changes and oncology

Coordinators: Prof. Dr Redha Tair; Prof. Dr. José Alexandre Bachur; Dr. Ana Gabrielle Valério Penha

3:30 pm – Effects of systemic vibratory therapy in individuals with knee osteoarthritis - Prof. Dr. Mario Bernardo Filho

3:50 pm – Somatotype in spondyloarthritis and its clinical and social interactions - Prof. Dr. Paulo César Handam

4:10 pm – Balance assessment with Techbalance in knee arthrosis - Prof. Dr. Liszt Palmeira

4:30 pm – Robotic surgery in oncology - Prof. Dr. Paulo Roberto Salustiano de Carvalho

4:50 pm - Discussion

5pm – Round-table 2: Technological innovations in neurology

Coordinators: *Dr. Adérito Seixas; Dr. Paulo César Handam; Dr. Luelia Teles Jaques de Albuquerque*

5pm – Transcranial direct current stimulation in stroke treatment - Prof. Dr. Egas Caparelli Dáquer

5:20 pm – Implantation of spinal devices with navigation - Prof. Dr. Flávio Nigri

5:40 pm – Deep brain stimulation implant for Parkinson's - Prof. Dr. Elington Simões

6pm – Subacute stroke and modular therapies - Prof. Dr. François Constant Boyer

6:20 pm - Discussion

Closing of the day's activities

November 7, 2024

8:40 am - Round-table 3 – Technological innovations in tissue repair

Coordinators: *Prof. Dr. François Constant Boyer; Prof. Dr. Danúbia de Sá Caputo; Dr. Rosane da Silva Rodrigues*

8:40 am - Introduction to scar acceleration methodology (MAC) - Prof. Dr. Marcus Vinícius Mello Pinto

9am – Efficacy of systemic vibratory therapy in lymphedema – Prof. Dr. José Alexandre Bachur

9:20 am – Compression therapy in the treatment of lymphedema: how and why? - Prof. Dr. Anke Bergmann

9:40 am – Effect of systemic vibratory therapy on tissue repair – Prof. Dr. Thais Porto Amadeu

10am- Discussion

10:20 am – 10:40 am – coffee break

10:40 am - Round-table 4 - Technological innovations in metabolic changes

Coordinators: Prof. Dr. Anelise Sonza; Prof. Dr. Thais Porto Amadeu; Dr. Aline Reis Silva

10:40 am - Analysis of intestinal microbiota as a health marker - Prof. Dr. Antonio Martins Tieppo

11am - Systemic vibratory therapy in the management of obesity and metabolic syndrome - Prof. Dr. Danúbia de Sá Caputo

11h:20 am - Whole Body Vibration in diabetic patients: partial results - Prof. Dr. Maria das Graças Rodrigues de Araújo

**12pm - 1:30 pm - Satellite lecture with lunch box
"Clinical applicability and viability for the use of canabidiol"
*Offer by Biopharm/Brown Cannabis Institute***

1:30 pm - Discussion forum - "Measurement of anthropometric measurements: the importance of standardization" - Prof. Dr. Luciane Pires; Vanessa de Moraes Tenius

2pm - Round-table 5 - Technological innovations in diagnosis and in therapy

Coordinators: Prof. Dr. Alessandro dos Santos Pin; Prof. Dr. Luciane Pires; Dr. Alessandra Andrade

2pm - Clinical thermography: criteria for use and applicability - Dr. Adérito Seixas

2:20 pm - Metabolomics in precision medicine - Prof. Dr. Gilson Costa dos Santos Junior

2:40 pm - Dental pre-screening system for profile analysis for undergraduate subjects - Prof. Dr. Maria Isabel de Castro de Souza

3pm - Discussion

3:30 pm-4:20 pm - Coffee break and poster presentation

4:20 pm - Round-table 6 - Technological Innovations in health monitoring

Coordinators: *Prof. Dr. François Constant Boyer; Prof. Dr. Gilson Costa dos Santos Junior; Prof. MSc. Márcia Cristina Moura Fernandes*

4:20 pm - Peripheral and cerebral muscle oxygenation: clinical applicability and research with near infrared spectroscopy - Prof. Dr. Anelise Souza

4:40 pm - Functional assessment of hospitalized patients - Prof. Dr. Fernando Silva Guimarães

5pm - Smart fabrics for monitoring the body's physical and medical conditions - Prof. Dr Redha Taiar

5:20 pm - Discussion

5:40 pm - Closing of the day's activities - Congress Dinner (by registration)

November 8, 2024

9am - Round-table 7 - Technological Innovations in rehabilitation

Coordinators: *Dr. Adérito Seixas; Prof. Dr. José Alexandre Bachur; Dr. Gabriel Siriano*

9am - Transcranial photobiomodulation in neurological disorders - Prof. Dr. Nivaldo Parizoto

9:20 am - Wearable technologies for movement disorders - Prof. Dr. Denise Hack Nicaretta

9:40 am - Orthopedic workshops: rehabilitation and care for people with disabilities - Prof. Dr. Denise Flávio de Carvalho Botelho

10am - Discussion

10:20 am - 10:40 am - Coffee break

10:40 am – Round-table 8 – Innovations in chronic diseases

Coordinators: *Prof. Dr. Nivaldo Parizoto; Prof. Dr. Anelise Souza; Dr. Jennyfer Mazini*

10:40 am – Innovation in the management of COPD - Prof. Dr. Cláudia Henrique da Costa

11am – Effects of systemic vibratory therapy on the symptoms of Parkinson's disease – Prof. Dr. Alessandro dos Santos Pin

11:20 am – Innovative approaches to patient care with metabolic changes - Prof. Dr. Rogério Bosignoli

11:40 am – Discussion

12pm – 2pm – Lunch and poster presentation

2pm – Round-table 9 – Technological innovations in sleep disorders and performance

Coordinators: Prof. Dr. André Dionizio Cardoso; Prof. Dr. Ariane da Silva Pires; Dr. Larissa Berto

2pm – New technologies for sleep apnea diagnosis and therapy – Prof. Dr. Pedro Lopes de Melo

2:20 pm – High-performance sport: Is there a safe limit? - Prof. Dr. Rodolfo Alkmim

2:40 pm – Precision medicine in the assessment of excessive daytime sleepiness – Prof. Dr. Christiane Bahia

3pm - Technological innovations in the analysis of human movement – Prof. Dr. Adriane Mara de Souza Muniz

3:20 pm – Discussion

3:40 pm – 4:10 pm - Coffee break

4:10 pm – Discussion forum - From Jury Panel to a Startup: Innovation and Entrepreneurship in Health - Prof. Dr. Renata Angeli

4:40 pm – Round-table 10- Approaches to recovery and evaluation

Coordinators: *Prof. Dr Redha Taiar; Prof. Dr. Christiane Bahia; Dr. Yasmin Moura Fernandes*

4:40 pm - Importance of the Enhanced Recovery After Surgery (ERAS) protocol in patient recovery – Prof. Dr. Flávio de Sá Ribeiro

5pm – Applicability of the baropodometry test in the health sector – Prof. Dr. Ariane da Silva Pires and Prof. Dr. Eugênio Fuentes Pérez Júnior

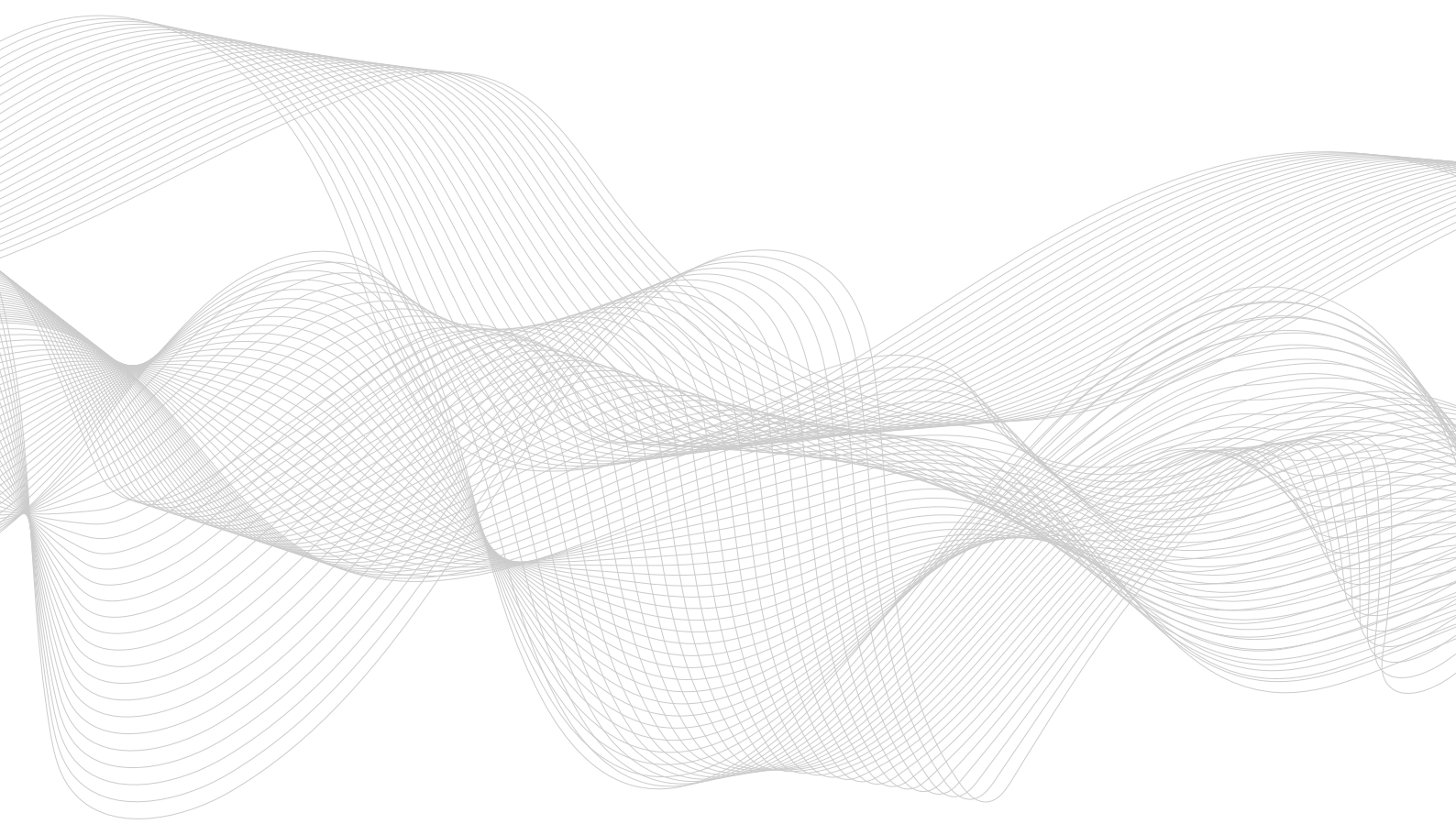
5:20 pm – Diagnostic criteria for sarcopenic obesity – Prof. Dr. Alessandra Mulder

5:40 pm – Child development assessment tools - Prof. Dr. Renata Alves Paes

6pm – Discussion

6:20 pm – Closing ceremony and poster awards

**Adjustments to the schedule may be necessary until the event takes place. All updates will be made available on the event website.*



PREVIOUS EVENT RECORDS







